FORMER LI TUNGSTEN SITE
63 HERB HILL ROAD
GLEN COVE, NEW YORK 11542

351593

PRE-CONSTRUCTION INVESTIGATION SUMMARY REPORT FORMER LI TUNGSTEN SITE

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TABLE 2-1	CHRONOLOGY OF REGULATORY EVENTS

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ACRONYMS

Acronym	Definition
CL	Cleanup Level
cy	cubic yard
ESD	Explanation of Significant Differences
GQS	Groundwater Quality Standard
GV	Guidance Value
NPL	National Priority List
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OU	Operable Unit
PCB	Polychlorinated Biphenyl
PCOR	Preliminary Closeout Report
PID	Photo-Ionization Detector
PRP	Potentially Responsible Party
PWGC	P.W. Grosser Consulting, Inc.
RAR	Remedial Action Report
ROD	Record of Decision
RRUSCO	Restricted-Residential Use Soil Cleanup Objective
RXRGIP	RXR Glen-Isle Partners, LLC
SVOC	Semi-Volatile Organic Compound
SWCL	Site-Wide Cleanup Levels
USACOE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

1.0 INTRODUCTION

P.W. Grosser Consulting, Inc. (PWGC) has prepared this report at the request of the New York State Department of Environmental Conservation (NYSDEC), New York State Department of Health (NYSDOH) and United States Environmental Protection Agency (USEPA) on behalf of RXR Glen-Isle Partners, LLC (RXRGIP) to summarize existing conditions at the Former Li Tungsten Site (the Site).

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Location

The Site is located along Herb Hill Road, Garvies Point Road, and Dickson Street in Glen Cove, New York. The Site occupies approximately 26 acres and is comprised of five distinct areas which are referred to by Parcels A through C Prime.

- Parcel A is an approximate 7-acre parcel that is bordered to the south by Glen Cove Creek, to the west by the Former Doxey property, to the east by commercial properties, and to the north by Herb Hill Road.
- Parcel B is an approximate 6-acre parcel that is bordered to the north by The Place (a local street) and residential properties, to the south by Herb Hill Road, to the east by commercial properties (including the Crown Dykman Site), and to the west by Dickson Street.
- Parcel C is an approximate 14-acre parcel that is bordered to the north by residential properties, to the south by Garvies Point Road, to the east by Dickson Street, and to the west by commercial properties (including the Former Mattiace property). Parcel C is divided into three separate areas.
    - Upper C
    - Lower C
    - C Prime

A vicinity map is included as **Figure 1,** a Site plan is included as **Figure 2**.

2.2 Historical Site Use

Industrial operations at the Site took place from approximately 1902 through 1985, under a succession of corporate entities, some of which were not related to each other. The first industrial

use was as a leather belting facility. However, during the final 43 years of industrial activity, operations involved the processing of ore and scrap tungsten to form tungsten powders. Most of the processing activities took place on Parcel A, including outdoor storage of scrap processing. Parcel B was predominantly used for parking as well as some disposal of ore residuals. Parcel C was used for wastewater treatment, processing, storage and disposal of ore residuals.

2.3 Regulatory History

The following presents a brief summary of the regulatory history for the Site. There are a significant number of documents, including reports, correspondence, etc., related to the Site and remedial activities completed at the Site which have been compiled in a document repository located at the Glen Cove public library. As identified in the chronology of events for the Site in Table 2-1, there have been two Record of Decision (ROD) and two Explanation of Significant Differences (ESD) issued to date for the Site. The following provides a more detailed description of the RODs and ESDs for the Site.

<u>September 30, 1999 ROD</u>

The 1999 ROD included the soil and groundwater remedy for both the Former Facility Property Operable Unit (OU)-1 and the Captain's Cove Site (OU-2). The components of the selected soil remedy for OU-1 and OU-2 included:

- Excavation of soil and sediments contaminated above cleanup levels;
- Separation of radionuclide-contaminated soil from non-radionuclide soil contaminated with heavy metals; off-site disposal of both radionuclide and metals-contaminated soil at appropriately licensed facilities;
- Off-site disposal of radioactive waste located in the Dickson Warehouse at an appropriately licensed facility;
- Building demolition at the Li Tungsten facility;
- Storm sewer and sump cleanouts at the Li Tungsten facility;
- Institutional controls governing the future use of the Site;
- Decommissioning of Industrial Well N1917 on Parcel A; and
- Collection and off-site disposal of contaminated surface water from Parcels B and C.

Table 2-1

CHRONOLOGY OF REGULATORY EVENTS

Date	Event
October 1992	Listing of Li Tungsten Site on the National Priority List (NPL)
September 1999	ROD for OU-l and OU-2
July 2000	Remedial Action Bureau completion of Parcel A remedial action
August 2001	Remedial Action Bureau completion of Parcel Lower C remedial action
August 2002	Potentially Responsible Party (PRP) completion of dredged dewatered sediment remediation
October 2003	Remedial Action Bureau completion of Captain's Cove excavation work
April 2004	PRP completion of off-site disposal of wastes staged in Dickson Warehouse
March 2005	ROD for OU-4
May 2005	ESD regarding effect of City's zoning changes on the 1999 ROD
August 2005	First Five-Year Review for OU-1 and OU-2
July 2006	USEPA/United States Army Corps of Engineers (USACOE) completion of transportation and disposal of wastes staged at Captain's Cove
February 2007	USEPA/USACOE completion of remedial dredging of the Creek and the navigational dredging of Acceptance Area 4
November 2007	PRP completion of segregation of radionuclide slag from dewatered Creek sediments on Parcel A
August 2008	PRP completion of excavation and off-site disposal activities for Parcel B and Parcel Upper C, including off-site disposal of "specialty" wastes staged in the Dickson Warehouse
September 2008	Issuance of Preliminary Closeout Report (PCOR)
September 2008	Groundwater Monitoring Program initiated.
July 2010	Second Five-Year Review for OU-1 and OU-2.
September 2015	Third Five-Year Review for OU-1, OU-2 and OU-4

The selected groundwater remedy included no action, other than a long-term groundwater monitoring program to assess the recovery of the Upper Glacial Aquifer after the soil remedy was implemented.

March 30, 2005 ROD

The 2005 ROD included the remedy for radionuclide slag in Glen Cove Creek (OU-4). The major components of the selected remedy for OU-4 included:

- Construction of a dewatering facility on the Li Tungsten property;
- Two phases of Creek dredging to remove radioactive slag materials;
- Dewatering of the dredged sediment followed by segregation of slag from the dewatered sediment; and
- Off-site transportation and disposal of the radioactive slag at an appropriately licensed facility.

November 2002 ESD

In November of 2002, the USEPA issued an ESD for the Site which provided for estimated increases in the projected volumes of wastes requiring excavation pursuant to the 1999 ROD, from 69,350 cubic yards (cy) to 132,100 cy. Actual volumes reported in the Remedial Action Reports (RARs) for OU-1 and OU-2 show that approximately 180,000 cy of contaminated soil were ultimately excavated and disposed off-site. The discrepancy between estimated and actual soil excavation volumes was due to stockpiling of contaminated soil for an extended period of time resulting in removal of additional soil beneath the stockpiles at the Captain's Cove Site.

May 2005 ESD

In May of 2005, USEPA issued another ESD to re-evaluate the cleanup criteria from the 1999 ROD. This re-evaluation resulted from the City of Glen Cove's decision to revise the Glen Cove Creek waterfront revitalization plan to include future residential use of the Site. USEPA determined that the ROD's radiation criteria needed some revision, but that the arsenic and lead criteria were sufficiently protective of future residential use and need not be revised. The ESD also reserved judgment on the future residential use of Parcel A because of the possibility that contaminants other than those included in the ROD's cleanup criteria could pose a threat to future residential populations. The 2005 ESD also described the impact of the changes in the radiation cleanup criteria on areas previously

excavated on OU-1 and OU-2. After reviewing post-excavation confirmatory results, USEPA was satisfied that the previous excavations had met the new radioactive cleanup criteria, as well as the heavy metals criteria.

3.0 STANDARDS, CRITERIA, & GUIDANCE

3.1 Soil Quality Standards

The restricted-residential use soil cleanup objectives (RRUSCOs) specified in 6 New York codes, rules, and regulations (NYCRR) Part 375 were utilized to evaluate current subsurface soil conditions, with the exception of arsenic (site-wide), polychlorinated biphenyls (PCBs) for Parcel B and radionuclides (site-wide), as restricted-residential will be the highest future use of the Site. Arsenic was compared to the site-wide cleanup level (SWCL) of 24 mg/kg established in the 1999 ROD. PCBs were compared to the cleanup levels (CLs) specified in the 1999 ROD for Parcel B of 1 mg/kg in the top two feet and 10 mg/kg below two feet. The remainder of the parcels are compared to RRUSCOs for PCBs. Additionally, radionuclides were compared to the SWCL specified in the 2005 ESD for thorium-230+thorium-232 and radium-226+radium-228 of 5 pCi/g above the natural background radiation of each radionuclide (approximately 1 pCi/g).

3.2 Groundwater Quality Standards

Groundwater quality standards (GQS) and guidance values (GVs) specified in NYCRR Part 703 for Class GA groundwater were utilized to evaluate groundwater quality at the Site.

4.0 POST REMEDIAL CHARACTERIZATION DATA - SOIL

Since the completion of remedial actions performed at the Site by the USEPA, multiple investigations have been performed to characterize post remedial conditions for soil and the associated analytical data is summarized in the following historical reports:

- Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1, May 2004;
- USEPA, Remedial Action Report for Operable Unit One (Li Tungsten Facility), September 2008;
- Environmental Chemical Corporation, Draft Final Status Survey Report, September 2008;
- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;

- PWGC, Supplemental Soil Testing – Former Li Tungsten Site – Lounge and Benbow Buildings, December 2014;
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015;
- PWGC, Leachable Arsenic and Lead Sampling Report, February 2015;
- PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report, April 2015;
- PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1, May 2015;
- USEPA, Remedial Investigation, August 2015.
- D&B Engineers and Architects, P.C., Construction Completion Report – 10 Garvies Point Road Brownfield Site, February 2016; and,
- PWGC, Synthetic Precipitation Leaching Procedure Investigation/Red Flag Area Characterization Report, February 2016.

The results of the investigations have been summarized in the sections below for each Parcel. **Figures 3** through **17** show in tables the individual chemicals that had exceedances of respective RRUSCOs, CLs or SWCLs at one or more locations, as well as, the concentration of the same chemicals at locations where they did not exceed the their respective RRUSCOs, CLs or SWCLs.

The comprehensive data tables showing the results for the remainder of the samples that didn't exceed the standards referenced in Section 3.1 are not included on the figures; however, copies of the reports summarizing the respective historical investigation data are provided as **Appendix A**.

Most of the sampling locations in the Gannett Fleming Engineers P.C. report were installed in Garvies Point Road, Herb Hill Road or right of way and do not represent the quality of the soil at the Site. However, the road borings and corresponding data are shown on the figures, but only the data for those samples taken on the Site are used in the discussions.

4.1 Li Tungsten - Parcel A

The boundaries of Li Tungsten Parcel A are shown on **Figure 2**. Existing soil quality data for Li Tungsten Parcel A is summarized below:

4.1.1 Soil Quality - Volatile Organic Compounds

Samples for volatile organic compound (VOC) analyses were collected at locations where soils failed field screening criteria, where VOC data was needed for potential waste characterization (soil borings installed in roadway, taking areas, and the transient marina area), or where VOC data was required to document the effectiveness of a remedial action (endpoint samples collected as part of visually stained petroleum soil remediation on Parcel A or 10 Garvies Point Road Brownfield remedial activities). VOC data was compiled from the following:

- Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1, May 2004;
    - 2 Test Pits (PA12 & PA38)
- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
    - 12 Soil Borings (LT-T-001 through LT-T-012)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015;
    - 9 Soil Borings (SBFT-14, SBFT-17 through SBFT-19, and SSBR-17 through SSBR-21)
- PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report, April 2015;
    - 31 Confirmatory End-Point Locations (EP001 through EP031)
- PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1, May 2015; and,
    - 11 Confirmatory End-Point Locations (EP032 through EP042)
- D&B Engineers and Architects, P.C., Construction Completion Report – 10 Garvies Point Road Brownfield Site, February 2016.
    - 14 Confirmatory End-Point Locations (1-SW-6, 1-SW-7, 5-SW-1, 5-SW-2, 5-SW-3, 5-EP-1, 5-EP-2, 5-EP-3, 5-EPSW-1, 5-EPSW-2, 6-SW-1 through 6-SW-3, and 6-EP-1)

None of the soil borings or test pits installed within Li Tungsten Parcel A failed the field screening criteria (photo-ionization detector (PID) responses above background levels, staining, odor, etc.) that

would have resulted in the analysis of soil samples for VOCs with the exception of two locations, PA12 and PA38. These locations exhibited visual evidence of soil staining and were further analyzed for VOCs. VOC analysis was also performed at 21 locations within Li Tungsten Parcel A for waste characterization purposes (SBFT-14, SBFT-17 through SBFT-19, SSBR-17 through SSBR-21, and LT-T-001 through LT-T-012) and 56 locations for confirmatory soil characterization (1-SW-6, 1-SW-7, 5-SW-1, 5-SW-2, 5-SW-3, 5-EP-1, 5-EP-2, 5-EP-3, 5-EPSW-1, 5-EPSW-2, 6-SW-1 through 6-SW-3, 6-EP-1, and EP001 through EP042). VOCs were not detected above RRUSCOs at Li Tungsten Parcel A. Since there were no detections in excess of RRUSCOs, characterization plans were not developed for VOCs.

4.1.2 Soil Quality – Semi-Volatile Organic Compounds

Semi-volatile organic compound (SVOC) data was compiled from the following:

- Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1, May 2004;
    - 38 Test Pits (PA01 through PA12, PA15 through PA39, and PA04A)
- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
    - 46 Soil Borings (LT-C-030, LT-C-031, LT-C-045, LT-C-046, LT-C-048 through LT-C-050, LT-C-052 through LT-C-057, LT-XC-013 through LT-XC-016, LT-XC-018 through LT-XC-025, LT-G-019 through LT-G-027, and LT-T-001 through LT-T-012)
    - 4 Test Pits (LT-GI-001 through LT-GI-004)
- PWGC, Supplemental Soil Testing – Former Li Tungsten Site – Lounge and Benbow Buildings, December 2014;
    - 3 Soil Borings (LT-C-085 through LT-C-087)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015;
    - 9 Soil Borings (SBFT-14, SBFT-17 through SBFT-19, and SSBR-17 through SSBR-21)
- PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report, April 2015;
    - 30 Confirmatory End-Point Locations (EP001 through EP012 and EP014 through

EP031)

- PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1, May 2015; and,
    - 11 Confirmatory End-Point Locations (EP032 through EP042)
- D&B Engineers and Architects, P.C., Construction Completion Report – 10 Garvies Point Road Brownfield Site, February 2016.
    - 14 Confirmatory End-Point Locations (1-SW-6, 1-SW-7, 5-SW-1, 5-SW-2, 5-SW-3, 5-EP-1, 5-EP-2, 5-EP-3, 5-EPSW-1, 5-EPSW-2, 6-SW-1 through 6-SW-3, and 6-EP-1)

SVOC analyses were performed at 155 locations within Li Tungsten Parcel A. SVOCs were detected above RRUSCOs throughout Li Tungsten Parcel A area at various locations depth intervals as shown in **Figures 3A**, **3B**, **3C**, **3D**, and **3E**. The exceedances were limited to benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The soils did not fail the field screening criteria (PID responses above background levels, staining, odor, etc.) at Li Tungsten Parcel A with the exception of PA12 and PA38 which are discussed in Section 4.1.1 above.

4.1.3 Soil Quality – Metals

Metals data was compiled from the following:

- Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1, May 2004;
    - 38 Test Pits (PA01 through PA12, PA15 through PA39, and PA04A)
- USEPA, Remedial Action Report for Operable Unit One (Li Tungsten Facility), September 2008;
    - 11 Confirmatory End-Point Locations (1, 1a, 2, 2a, 3, 3a, 5, 8a-f, 9a, 9b, 10)
- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
    - 46 Soil Borings (LT-C-030, LT-C-031, LT-C-045, LT-C-046, LT-C-048 through LT-C-050, LT-C-052 through LT-C-057, LT-XC-013 through LT-XC-016, LT-XC-018 through LT-XC-025, LT-G-019 through LT-G-027, and LT-T-001 through LT-T-012)

  - 4 Test Pits (LT-GI-001 through LT-GI-004)

- PWGC, Supplemental Soil Testing – Former Li Tungsten Site – Lounge and Benbow Buildings, December 2014;
  - 3 Soil Borings (LT-C-085 through LT-C-087)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015;
  - 9 Soil Borings (SBFT-14, SBFT-17 through SBFT-19, and SSBR-17 through SSBR-21)
- PWGC, Leachable Arsenic and Lead Sampling Report, February 2015;
  - 3 Test Pits (LT-G-019, LT-G-022, and LT-GI-001)
- PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report, April 2015;
  - 30 Confirmatory End-Point Locations (EP001 through EP012 and EP014 through EP031)
- PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1, May 2015;
  - 11 Confirmatory End-Point Locations (EP032 through EP042)
- D&B Engineers and Architects, P.C., Construction Completion Report – 10 Garvies Point Road Brownfield Site, February 2016; and,
  - 14 Confirmatory End-Point Locations (1-SW-6, 1-SW-7, 5-SW-1, 5-SW-2, 5-SW-3, 5-EP-1, 5-EP-2, 5-EP-3, 5-EPSW-1, 5-EPSW-2, 6-SW-1 through 6-SW-3, and 6-EP-1)
- PWGC, Synthetic Precipitation Leaching Procedure Investigation/Red Flag Area Characterization Report, February 2016.
  - 5 Soil Borings (PA-03, LT-G-019, LT-G-022, LT-T-011, and LT-T-012)

Metals analysis was performed at 174 locations within Li Tungsten Parcel A. Arsenic, cadmium, lead, nickel and mercury were detected above their respective SWCLs or RRUSCOs throughout Li Tungsten Parcel A at various locations and depth intervals. Metals analytical results in excess of SWCLs or RRUSCOs for Li Tungsten Parcel A are shown in **Figures 4A**, **4B**, **4C**, **4D** and **4E**.

4.1.4 Soil Quality – Pesticides

Pesticide data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
    - 46 Soil Borings (LT-C-030, LT-C-031, LT-C-045, LT-C-046, LT-C-048 through LT-C-050, LT-C-052 through LT-C-057, LT-XC-013 through LT-XC-016, LT-XC-018 through LT-XC-025, LT-G-019 through LT-G-027, and LT-T-001 through LT-T-012)
    - 4 Test Pits (LT-GI-001 through LT-GI-004)
- PWGC, Supplemental Soil Testing – Former Li Tungsten Site – Lounge and Benbow Buildings, December 2014; and,
    - 3 Soil Borings (LT-C-085 through LT-C-087)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 9 Soil Borings (SBFT-14, SBFT-17 through SBFT-19, and SSBR-17 through SSBR-21)

Pesticide analysis was performed at 62 locations within Li Tungsten Parcel A. Pesticides were not detected above RRUSCOs within Li Tungsten Parcel A with the exception of the sample collected at LT-G-024 as shown in **Figures 5A**, **5B**, and **5C**. Dieldrin was detected in the 0-2-foot sample collected from LT-G-024.

4.1.5 Soil Quality – PCBs

PCB data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
    - 16 Confirmatory End-Point Locations (EP-002 through EP-008, EP-010, EP-023, EP-025, EP-027, EP-030, EP033, EP-035, EP-040, and EP-042)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015; and,
    - 9 Soil Borings (SBFT-14, SBFT-17 through SBFT-19, and SSBR-17 through SSBR-21)

- D&B Engineers and Architects, P.C., Construction Completion Report – 10 Garvies Point Road Brownfield Site, February 2016.
    - 2 Confirmatory End-Point Locations (5-EP-1 and 5-EPSW-2)

PCB analysis was performed at 27 locations within Li Tungsten Parcel A. PCBs were not detected above RRUSCOs at Li Tungsten Parcel A with the exception of the sample collected from SBFT-19 as shown in **Figures 5A**, **5B**, and **5C**. Aroclor 1248, 1254, and 1260 were detected in the 0-5-foot sample from SBFT-19.

4.1.6 Soil Quality – Radiological

Radiological data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 9 Soil Borings (LT-C-045, LT-C-048, LT-C-049, LT-G-019, LT-G-026, LT-G-027, LT-XC-020, LT-XC-021, and LT-XC-023)

All cores were screened for radioactivity in accordance with the regulatory–approved work plan and no readings above background were observed. In addition, 9 locations were analyzed for radionuclides and these were not detected above SWCLs at Li Tungsten Parcel A. Since there were no detections in excess of SWCLs, characterization plans were not developed for radionuclides.

4.2 Li Tungsten - Parcel B

The boundaries of Li Tungsten Parcel B are shown on **Figure 2**. Existing soil quality data for Li Tungsten Parcel B is summarized below:

4.2.1 Soil Quality - Volatile Organic Compounds

Samples for VOCs analyses were collected at locations where VOC data was needed for potential waste characterization purposes (soil borings installed in taking areas). VOC data was compiled from the following:

- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 2 Soil Borings (SBFT-15 and SBFT-16)

None of the soil borings installed at Li Tungsten Parcel B failed the field screening criteria (PID responses above background levels, staining, odor, etc.) that would have resulted in the analysis of soil samples for VOCs. VOC analysis was performed at 2 locations at Li Tungsten Parcel B for waste characterization purposes (SBFT-15 and SBFT-16). VOCs were not detected above RRUSCOs at Li Tungsten Parcel B. Since there were no detections in excess of RRUSCOs, characterization plans were not developed for VOCs.

4.2.2 Soil Quality – Semi-Volatile Organic Compounds

SVOC data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 40 Soil Borings (LT-X-003 through LT-X-009, LT-XC-001 through LT-XC-012, LT-C-001, LT-C-028, LT-C-029, LT-C-060, LT-C-075, LT-C-076, LT-G-001, LT-G-003 through LT-G-010, and LT-G-013 through LT-G-018)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 2 Soil Borings (SBFT-15 and SBFT-16)

SVOC analyses were performed at 42 locations within Li Tungsten Parcel B. SVOCs were not detected above RRUSCOs on Li Tungsten Parcel B. **Figure 6** shows the concentrations of SVOC constituents on Li Tungsten Parcel B. The list of constituents is based off of site-wide constituents that have shown at least one exceedance of RRUSCOs.

4.2.3 Soil Quality – Metals

Metals data was compiled from the following:

- Environmental Chemical Corporation, Draft Final Status Survey Report, September 2008;
    - 20 Sample Locations (5601-FSS-PB-1001-1, 5601-FSS-PB-1002, 5601-FSS-PB-1003-A, 5601-FSS-PB-1003-B, 5601-FSS-PB-1005 through 5601-FSS-PB-1007, 5601-FSS-PB-1008-1, 5601-FSS-PB-1009 through 5601-FSS-PB-1011, 5601-FSS-PB-1012-1, and 5601-FSS-PB-1013 through 5601-FSS-PB-1020)

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 40 Soil Borings (LT-X-003 through LT-X-009, LT-XC-001 through LT-XC-012, LT-C-001, LT-C-028, LT-C-029, LT-C-060, LT-C-075, LT-C-076, LT-G-001, LT-G-003 through LT-G-010, and LT-G-013 through LT-G-018)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 2 Soil Borings (SBFT-15 and SBFT-16)

Metals analysis was performed at 62 locations within Li Tungsten Parcel B. Arsenic was detected at one location (5601-FFS-PB-1003-B) and cadmium was detected at one location (LT-G-005) above their respective SWCLs or RRUSCOs within Li Tungsten Parcel B. Metals analytical results in excess of SWCLs or RRUSCOs for Li Tungsten Parcel B are shown in **Figure 7**.

4.2.4 Soil Quality – Pesticides

Pesticide data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 40 Soil Borings (LT-X-003 through LT-X-009, LT-XC-001 through LT-XC-012, LT-C-001, LT-C-028, LT-C-029, LT-C-060, LT-C-075, LT-C-076, LT-G-001, LT-G-003 through LT-G-010, and LT-G-013 through LT-G-018.
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 2 Soil Borings (SBFT-15 and SBFT-16)

Pesticide analysis was performed at 42 locations within Li Tungsten Parcel B. Pesticides were not detected above RRUSCOs within Li Tungsten Parcel B with the exception of Aldrin and Dieldrin at LT-XC-007 as shown on **Figure 8**.

4.2.5 Soil Quality – PCBs

PCB data was compiled from the following:

- Environmental Chemical Corporation, Draft Final Status Survey Report, September 2008;
    - 24 Sample Locations (FSS-PCB1-001, FSS-PCB1-002-1, FSS-PCB1-003 through FSS-PCB1-007, FSS-PCB1-008-1, FSS-PCB1-009-1, and FSS-PCB1-010 through FSS-PCB1-024)
- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 40 Soil Borings (LT-X-003 through LT-X-009, LT-XC-001 through LT-XC-012, LT-C-001, LT-C-028, LT-C-029, LT-C-060, LT-C-075, LT-C-076, LT-G-001, LT-G-003 through LT-G-010, and LT-G-013 through LT-G-018.
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 2 Soil Borings (SBFT-15 and SBFT-16)

PCB analysis was performed at 66 locations within Li Tungsten Parcel B. PCBs were detected at several locations above their CLs within Li Tungsten Parcel B as shown in **Figure 8**. Two feet of clean cover is proposed for Li Tungsten Parcel B which allow for these PCB detections to be managed in place with the exception of one location, LT-XC-007. This location exceeds the CL for soils below two feet of 10 mg/kg.

4.2.6 Soil Quality – Radiological

Radiological data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 1 Soil Borings (LT-G-019)

All cores were screened for radioactivity in accordance with the regulatory–approved work plan and no readings above background were observed. In addition, 1 location was analyzed for radionuclides and these were not detected above SWCLs at Li Tungsten Parcel B. Since there were no detections in excess of SWCLs, characterization plans were not developed for radionuclides.

4.3 Li Tungsten - Parcel Upper C

The boundaries of Li Tungsten Parcel Upper C are shown on **Figure 2**. Existing soil quality data for Li Tungsten Parcel Upper C is summarized below:

4.3.1 Soil Quality - Volatile Organic Compounds

Samples for VOCs analyses were collected at locations where soils failed field screening criteria. VOC data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 2 Soil Borings (LT-C-002 and LT-G-030)

None of the soil borings installed within Li Tungsten Parcel Upper C failed the field screening criteria (PID responses above background levels, staining, odor, etc.) that would have resulted in the analysis of soil samples for VOCs with the exception of two locations, LT-C-002 and LT-G-030. These locations exhibited visual evidence of soil staining, were further analyzed for VOCs and the corresponding analytical results were below RRUSCOs. Since there were no detections in excess of RRUSCOs, characterization plans were not developed for VOCs.

4.3.2 Soil Quality – Semi-Volatile Organic Compounds

SVOC data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 43 Soil Borings (LT-X-001, LT-X-002, LT-C-002 through LT-C-023, LT-C-036 through LT-C-042, LT-C-044, LT-C-058, LT-C-069, LT-G-028 through LT-G-035 and LT-G-037)
- PWGC, Supplemental Soil Testing – Former Li Tungsten Site – Lounge and Benbow Buildings, December 2014;
    - 8 Soil Borings (LT-C-077 through LT-C-084)

SVOC analyses were performed at 51 locations within Li Tungsten Parcel Upper C. SVOCs were not detected above RRUSCOs on Li Tungsten Parcel Upper C with the exception of one location, LT-C-018, as shown in **Figure 9**. The exceedances at this location were limited to benzo(a)anthracene,

benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene. The soils did not fail the field screening criteria (PID responses above background levels, staining, odor, etc.) at Li Tungsten Parcel Upper C with the exception of LT-C-002 and LT-G-030 which are discussed in Section 4.3.1 above.

4.3.3 Soil Quality – Metals

Metals data was compiled from the following:

- Environmental Chemical Corporation, Draft Final Status Survey Report, September 2008;
    - 16 Sample Locations (5601-FSS-PC-1007 through 5601-FSS-PC-1009, 5601-FSS-PC-1011, 5601-FSS-PC-1012-1, 5601-FSS-PC-1013-1, 5601-FSS-PC-1014, 5601-FSS-PC-1018 through 5601-FSS-PC-1021, 5601-FSS-PC-1025, 5601-FSS-PC-1026, 5601-FSS-PC-1027-1, 5601-FSS-PC-1031 and 5601-FSS-PC-1032)
- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
    - 43 Soil Borings (LT-X-001, LT-X-002, LT-C-002 through LT-C-023, LT-C-036 through LT-C-042, LT-C-044, LT-C-058, LT-C-069, LT-G-028 through LT-G-035 and LT-G-037)
- PWGC, Supplemental Soil Testing – Former Li Tungsten Site – Lounge and Benbow Buildings, December 2014;
    - 8 Soil Borings (LT-C-077 through LT-C-084)
- PWGC, Leachable Arsenic and Lead Sampling Report, February 2015; and,
    - 1 Test Pit (LT-C-003)
- PWGC, Synthetic Precipitation Leaching Procedure Investigation/Red Flag Area Characterization Report, February 2016.
    - 4 Soil Borings (LT-C-090 through LT-C-093)

Metals analysis was performed at 72 locations within Li Tungsten Parcel Upper C. Arsenic, manganese, and mercury were detected at one or more locations above their respective SWCLs or RRUSCOs within Li Tungsten Parcel Upper C. Metals analytical results in excess of either SWCLs or RRUSCOs for Li Tungsten Parcel Upper C are shown in **Figures 10A** and **10B**.

4.3.4 Soil Quality – Pesticides

Pesticide data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 43 Soil Borings (LT-X-001, LT-X-002, LT-C-002 through LT-C-023, LT-C-036 through LT-C-042, LT-C-044, LT-C-058, LT-C-069, LT-G-028 through LT-G-035 and LT-G-037)
- PWGC, Supplemental Soil Testing – Former Li Tungsten Site – Lounge and Benbow Buildings, December 2014.
    - 8 Soil Borings (LT-C-077 through LT-C-084)

Pesticide analysis was performed at 51 locations within Li Tungsten Parcel Upper C. Pesticides were not detected above RRUSCOs on Li Tungsten Parcel Upper C. **Figure 11** shows the concentrations of pesticides on Li Tungsten Parcel Upper C. The list of constituents is based off of site-wide constituents that have shown at least one exceedance of the RRUSCO.

4.3.5 Soil Quality – PCBs

PCBs were not analyzed for within Li Tungsten Parcel Upper C as they were not considered a contaminant of concern for the parcel.

4.3.6 Soil Quality – Radiological

Radiological data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 4 Soil Borings (LT-C-013, LT-C-016, LT-G-028, and LT-G-029)

All cores were screened for radioactivity in accordance with the regulatory–approved work plan and no readings above background were observed. In addition, 4 locations were analyzed for radionuclides and these were not detected above SWCLs within Li Tungsten Parcel Upper C. Since there were no detections in excess of SWCLs, characterization plans were not developed for radionuclides.

4.4 Li Tungsten - Parcel C Prime

The boundaries of Li Tungsten Parcel C Prime are shown on **Figure 2**. Existing soil quality data for Li Tungsten Parcel C Prime is summarized below:

4.4.1 Soil Quality - Volatile Organic Compounds

None of the soil borings installed within Li Tungsten Parcel C Prime failed the field screening criteria (PID responses above background levels, staining, odor, etc.) that would have resulted in the analysis of soil samples for VOCs; therefore, samples were not collected for VOC analysis and characterization plans were not developed for VOCs.

4.4.2 Soil Quality – Semi-Volatile Organic Compounds

SVOC data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 15 Soil Borings (LT-C-043, LT-C-061 through LT-C-068, LT-C-070 through LT-C-074 and LT-G-036)

SVOC analyses were performed at 15 locations within Li Tungsten Parcel C Prime. SVOCs were not detected above RRUSCOs on Li Tungsten Parcel C Prime. **Figure 12** shows the concentrations of SVOC constituents on Li Tungsten Parcel C Prime. The list of constituents is based on site-wide constituents that have shown at least one exceedance of RRUSCOs.

4.4.3 Soil Quality – Metals

Metals data was compiled from the following:

- Environmental Chemical Corporation, Draft Final Status Survey Report, September 2008; and,
    - 15 Sample Locations (5601-FSS-PC-1001 through 5601-FSS-PC-1006, 5601-FSS-PC-1010, 5601-FSS-PC-1015 through 5601-FSS-PC-1017, 5601-FSS-PC-1022 through 5601-FSS-PC-1024, 5601-FSS-PC-1029-1, and 5601-FSS-PC-1030)
- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 15 Soil Borings (LT-C-043, LT-C-061 through LT-C-068, LT-C-070 through LT-C-074, and

LT-G-036)

Metals analyses were performed at 30 locations within Li Tungsten Parcel C Prime. Metals were not detected above their respective SWCLs or RRUSCOs on Li Tungsten Parcel C Prime. **Figure 13** shows the concentrations of metals on Li Tungsten Parcel C Prime. The list of constituents is based on site-wide constituents that have shown at least one exceedance of either SWCLs or RRUSCOs.

4.4.4 Soil Quality – Pesticides

Pesticide data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 15 Soil Borings (LT-C-043, LT-C-061 through LT-C-068 LT-C-070 through LT-C-074, and LT-G-036)

Pesticide analyses were performed at 15 locations within Li Tungsten Parcel C Prime. Pesticides were not detected above RRUSCOs on Li Tungsten Parcel C Prime. **Figure 14** shows the concentrations of pesticides on Li Tungsten Parcel C Prime. The list of constituents is based on site-wide constituents that have shown at least one exceedance of RRUSCOs.

4.4.5 Soil Quality – PCBs

PCBs were not analyzed for within Li Tungsten Parcel C Prime as they were not considered a contaminant of concern for the parcel.

4.4.6 Soil Quality – Radiological

Radiological data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 4 Soil Borings (LT-C-064 through LT-C-067)

All cores were screened for radioactivity in accordance with the regulatory–approved work plan and no readings above background were observed. In addition, 4 locations were analyzed for radionuclides and these were not detected above SWCLs within Li Tungsten Parcel C Prime. Since there were no detections in excess of SWCLs, characterization plans were not developed for

radionuclides.

4.5 Li Tungsten - Parcel Lower C

The boundaries of Li Tungsten Parcel Lower C are shown on **Figure 2**. Existing soil quality data for Li Tungsten Parcel Lower C is summarized below:

4.5.1 Soil Quality - Volatile Organic Compounds

Samples for VOCs analyses were collected at locations where soils failed field screening criteria and where VOC data was needed for potential waste characterization (soil borings installed in taking areas). VOC data was compiled from the following:

- Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1, May 2004;
    - 4 Test Pits (PLC1, PLC3A, PLC3B and PLC6)
- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 2 Soil Borings (LT-C-024 and LT-C-025)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 1 Soil Boring (SBFT-12)

Six locations within Lower Parcel C failed the field screening criteria (PID responses above background levels, staining, odor, etc.) that resulted in the analysis of soil samples for VOCs (LT-C-024, LT-C-025, PLC-01, PLC-03A, PLC-03B, and PLC-06). Additionally, VOC analysis was performed at 1 location within Li Tungsten Parcel Lower C for waste characterization purposes (SBFT-1) as part of the roadway characterization. Analytical results were below RRUSCOs at these locations. Since there were no detections in excess of RRUSCOs, characterization plans were not developed for VOCs.

4.5.2 Soil Quality – Semi-Volatile Organic Compounds

SVOC data was compiled from the following:

- Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1, May 2004;

  - 7 Test Pits (PLC1, PLC2, PLC3A, PLC3B, PLC3C, PLC5 and PLC6)

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
  - 7 Soil Borings (LT-C-024 through LT-C-027, LT-C-032, LT-C-034, and LT-C-035)

- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
  - 1 Soil Boring (SBFT-12)

SVOC analyses were performed at 15 locations within Li Tungsten Parcel Lower C. SVOCs were not detected above RRUSCOs on Li Tungsten Parcel Lower C with the exception of one location (LT-C-026) as shown on **Figure 15**. The exceedances were limited to benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene. The soils did not fail the field screening criteria (PID responses above background levels, staining, odor, etc.) at Li Tungsten Parcel Lower C with the exception of LT-C-024, LT-C-025, PLC1, PLC3A, PLC3B, and PLC6 which are discussed in Section 4.5.1 above.

4.5.3 Soil Quality – Metals

Metals data was compiled from the following:

- Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1, May 2004;
  - 7 Test Pits (PLC1, PLC2, PLC3A, PLC3B, PLC3C, PLC5 and PLC6)

- USEPA, Remedial Action Report for Operable Unit One (Li Tungsten Facility), September 2008;
  - 31 Confirmatory End-Point Locations (LPC-GD-WW1 through LPC-GD-WW9, LPC-GA-EW3 through LPC-GA-EW10, LPC-GA-F1 through LPC-GA-F4, LPC-GA-NW1, LPC-GA-WW3, LPC-GA-WW4, 13, 13a, 14a, 15, 15a, 15b, and 15c)

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
  - 9 Soil Borings (LT-C-024, LT-C-025, LT-C-026, LT-C-027, LT-C-032, LT-C-034, LT-C-035, LT-R-002, and LT-R-003)

- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015;
    - 1 Soil Boring (SBFT-12)
- PWGC, Leachable Arsenic and Lead Sampling Report, February 2015;
    - 3 Test Pits (LT-C-024, LT-C-026, and LT-C-035)
- USEPA, Remedial Investigation, August 2015; and,
    - 20 Soil Borings (SB001 through SB020)
- PWGC, Synthetic Precipitation Leaching Procedure Investigation/Red Flag Area Characterization Report, February 2016.
    - 17 Soil Borings (PLC-1, PLC-2, PLC-5, LPC-GD-WW2, LPC-GD-WW3, LPC-GD-WW5, LPC-GA-EW5, LPC-GA-EW6, LPC-GA-F1, LPC-GA-F2, LPC-GA-F4, LT-C-024, LT-C-088, LT-C-089, LT-C-094, LT-C-095, and LT-C-096)

Metals analysis was performed at 88 locations within Li Tungsten Parcel Lower C. Arsenic cadmium, copper, lead and mercury were detected above their respective SWCLs or RRUSCOs throughout Li Tungsten Parcel Lower C at various locations and depth intervals. Metals analytical results in excess of respective SWCLs or RRUSCOs for Li Tungsten Parcel Lower C are shown in **Figure 16**.

4.5.4 Soil Quality – Pesticides

Pesticide data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 7 Soil Borings (LT-C-024, LT-C-025, LT-C-026, LT-C-027, LT-C-032, LT-C-034, and LT-C-035)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 1 Soil Boring (SBFT-12)

Pesticide analysis was performed at 8 locations within Li Tungsten Parcel Lower C. Pesticides were not detected above RRUSCOs on Li Tungsten Parcel Lower C. **Figure 17** shows the concentrations of

pesticides on Li Tungsten Parcel Lower C. The list of constituents is based on site-wide constituents that have shown at least one exceedance of the RRUSCOs.

4.5.5 Soil Quality – PCBs

PCB data was compiled from the following:

- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015; and,
    - 1 Soil Boring (SBFT-12)
- USEPA, Remedial Investigation, August 2015.
    - 1 Soil Boring (SB003)

PCB analysis was performed at 2 locations within Li Tungsten Parcel Lower C. PCBs were not detected above RRUSCOs within Li Tungsten Parcel Lower C. **Figure 17** shows the concentrations of PCBs on Li Tungsten Parcel Lower C. The list of constituents is based on site-wide constituents that have shown at least one exceedance of RRUSCOs.

4.5.6 Soil Quality – Radiological

Radiological data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014.
    - 2 Soil Borings (LT-R-002 and LT-R-003)

All cores were screened for radioactivity in accordance with the regulatory–approved work plan and no readings above background were observed. In addition, 2 locations were analyzed for radionuclides and these were not detected above SWCLs within Li Tungsten Parcel Lower C. Since there were no detections in excess of SWCLs, characterization plans were not developed for radionuclides.

5.0 POST REMEDIAL CHARACTERIZATION DATA - GROUNDWATER

Since the completion of remedial actions performed at the Site by the USEPA, multiple investigations and routine monitoring have been performed to characterize post remedial conditions for groundwater and the associated analytical data is summarized in the following historical reports:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015;
- PWGC, Arsenic and Lead Groundwater Report, February 2015;
- TRC Companies, Inc., Supplemental Remedial Investigation Report, February 2014 and,
- USEPA, Remedial Investigation, August 2015.

The results of the groundwater quality investigations and monitoring have been summarized in the sections below for the Site. **Figures 18** through **21** show in tables the individual chemicals that had exceedances of respective GQS or GVs at one or more locations, as well as, the concentration of the same chemicals at locations where they did not exceed the their respective GQS or GVs.

The comprehensive data tables showing the results for the remainder of the samples that didn't exceed the standards are not included on the figures; however, copies of the reports summarizing all the respective historical data are provided as **Appendix A**.

The sampling locations in the Gannett Fleming Engineers P.C. report were installed in Garvies Point Road and do not represent the quality of groundwater at the Site. However, the road borings and corresponding data are shown on the figures, but the data for those samples collected are not used in the discussions relating to groundwater quality at the Site.

5.1 Groundwater Quality - VOCs

VOC data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
    - 12 temporary groundwater sampling points (LT-R-001, LT-R-002, LT-R-003, LT-C-039, LT-C-054, LT-C-055, LT-C-058, LT-C-059, LT-G-010, LT-GI-004, LT-XC-017*, and LT-XC-018)
    - 1 groundwater monitoring well (GM-11)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015; and,

  - 3 temporary groundwater sampling points (SSBR-15, SSBR-18 and SSBR-20)*

- TRC Companies, Inc., Supplemental Remedial Investigation Report, February 2014.
  - 4 groundwater monitoring wells (GM-10, MW-08S, MW-08D, and MW-10)

  * Note that these locations are located off-site

VOC analyses were performed at 16 locations on-site and 4 locations off-site. VOCs were detected above either GQS or GVs at 10 of the 16 on-site locations. The VOCs detected included 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, acetone, benzene, chloroethane, chloroform, cis-1,2-dicloroethene, ethylbenzene, isopropylbenzene, methylene chloride, styrene, tetrachloroethene, toluene, trans-1,2-dichloroethene, trichloroethene, vinyl chloride, and xylenes (total). VOC analytical results in excess of GQS or GVs area are shown in **Figure 18**.

5.2 Groundwater Quality - SVOCs

SVOC data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
  - 12 temporary groundwater sampling points (LT-R-001, LT-R-002, LT-R-003, LT-C-039, LT-C-054, LT-C-055, LT-C-058, LT-C-059, LT-G-010, LT-GI-004, LT-XC-017*, and LT-XC-018)
  - 1 groundwater monitoring well (GM-11)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015; and,
  - 3 temporary groundwater sampling points (SSBR-15, SSBR-18, & SSBR-20)*
- TRC Companies, Inc., Supplemental Remedial Investigation Report, February 2014.
  - 3 groundwater monitoring wells (MW-08S, MW-08D, and MW-10)

  * Note that these locations are located off-site.

SVOC analyses were performed at 14 locations on-site and 4 locations off-site. SVOCs were detected

above either GQS or GVs at 7 of the 14 on-site locations. The SVOC detections included 2-methylphenol, 4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, di-n-butylphthalate, isophorone, naphthalene, and phenol. SVOC analytical results in excess of GQS or GVs area are shown in **Figure 19**.

5.3 Groundwater Quality – Metals

Metals data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014;
    - 12 temporary groundwater sampling points (LT-R-001, LT-R-002, LT-R-003, LT-C-039, LT-C-054, LT-C-055, LT-C-058, LT-C-059, LT-G-010, LT-GI-004, LT-XC-017*, and LT-XC-018)
    - 1 groundwater monitoring well (GM-11)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015;
    - 3 temporary groundwater sampling points (SSBR-15, SSBR-18, & SSBR-20)*
- PWGC, Arsenic and Lead Groundwater Report, February 2015;
    - 3 groundwater monitoring wells (MP-6, PRA-7 and EMW-4)
- TRC Companies, Inc., Supplemental Remedial Investigation Report, February 2014; and,
    - 3 groundwater monitoring wells (MW-08S, MW-08D, and MW-10)
- USEPA, Remedial Investigation, August 2015.
    - 11 temporary groundwater sampling points (SB010 through SB020)

* Note that these locations are located off-site.

Metals analyses were performed at 29 locations on-site and 4 locations off-site. Metals analysis included the collection of unfiltered groundwater samples at each of the 29 on-site locations and laboratory filtered samples at 15 of the 29 on-site locations.

Total metals were detected above either GQS or GVs at each of the 27 of the 29 on-site locations. Antimony, arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, mercury, nickel selenium, sodium, and zinc were detected above either GQS or GVs in the unfiltered samples collected from the 20 of the 22 temporary groundwater sampling points. Arsenic, beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, nickel, selenium and sodium were detected above either GQS or GVs in the unfiltered samples collected from the 7 permanent monitoring wells.

Dissolved metals were detected above either GQS or GVs at each of the 15 on-site locations. Antimony, cadmium, copper, iron, magnesium, manganese, nickel, selenium, sodium, and zinc were detected above either GQS or GVs in the filtered samples collected from the 11 temporary groundwater sampling points. Manganese and sodium were detected above either GQS or GVs in the filtered samples collected from the 4 permanent monitoring wells. Metals analytical results in excess of GQS or GVs are shown in **Figure 20**.

5.4 Groundwater Quality – Pesticides

Pesticide data was compiled from the following:

- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 3 temporary groundwater sampling points (SSBR-15, SSBR-18, & SSBR-20)*

    * Note that these locations are located off-site.

Pesticide analysis was performed at three locations off-site. Pesticides were not detected above either GQS or GVs at the off-site locations with the exception of one location, SSBR-15. The exceedance at SSBR-15 was limited to Heptachlor Epoxide. Pesticides were not analyzed for at the Site as they were not considered a contaminant of concern. Since there were no detections in excess of GQS or GVs at the Site, characterization plans were not developed for pesticides.

5.5 Groundwater Quality – PCBs

PCB data was compiled from the following:

- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 3 temporary groundwater sampling points (SSBR-15, SSBR-18, & SSBR-20)*

    * Note that these locations are located off-site.

PCB analysis was performed at three locations off-site. PCBs were not detected above either GQS or GVs at the off-site locations. PCBs were not analyzed for at the Site as they were not considered a contaminant of concern. Since there were no detections in excess of GQS or GVs, characterization plans were not developed for PCBs.

5.6 Groundwater Quality – Radiological

Radiological data was compiled from the following:

- PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report, May 2014; and,
    - 4 temporary groundwater sampling points (LT-R-001, LT-R-002, LT-R-003, LT-C-054)
- Gannett Fleming Engineers, P.C., Draft Contaminated Material Assessment Report, January 2015.
    - 3 temporary groundwater sampling points (SSBR-15, SSBR-18 and SSBR-20)*

    * Note that these locations are located off-site.

Radiological analyses were performed at four locations on-site and three locations off-site. The concentration of Radium-226 as well as the combined concentration of Radium-226 and Radium-228 exceeded GQS or GVs at one of the on-site locations (LT-C-054) and one of the off-site locations (SSBR-18). The samples were collected from temporary points and suspended solids most likely caused interference with the analysis. Radionuclide analytical results in excess of GQS or GVs are shown in **Figure 21**.

6.0 REFERENCES

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USEPA, Explanation of Significant Differences – Li Tungsten Superfund Site; May 2005.

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ECC, Draft Final Status Survey Report; September 2008.

TRC Companies, Inc., Supplemental Remedial Investigation Report; February 2014.

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 19, 2014.

Gannett Fleming Engineerd, P.C., Contaminated Materials Assessment Report; January 30, 2015.

PWGC, Arsenic and Lead Groundwater Report – Garvies' Point Road Redevelopment Project; February 11, 2015.

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PWGC, Supplemental Soil Testing – Former Li Tungsten Site – Lounge and Benbow Buildings; December 19, 2014.

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report; April 2015.

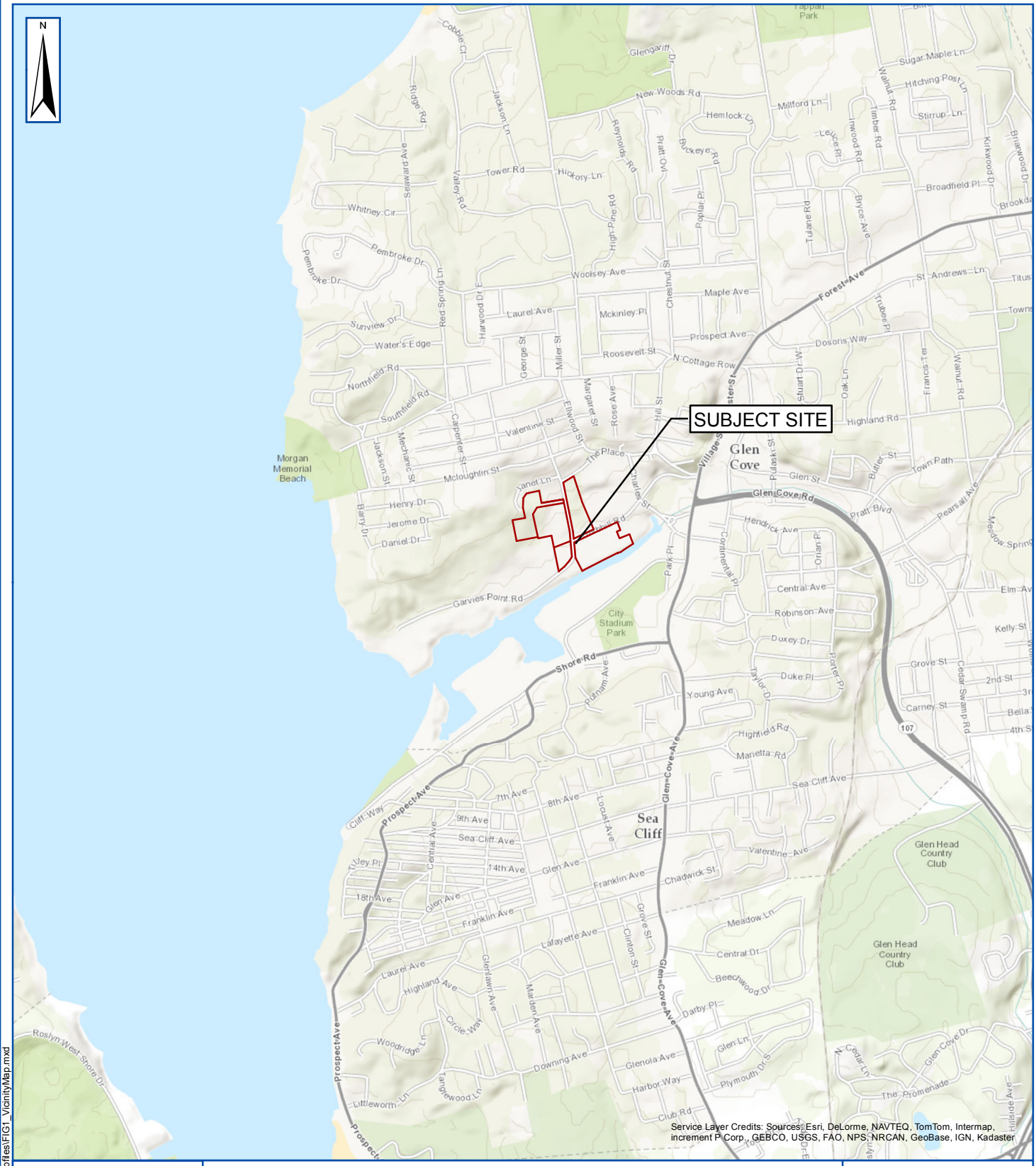
PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report – Addendum 1; May 2015.

USEPA, Remedial Investigation, August 2015.

D&B Engineers and Architects, P.C., Construction Completion Report – 10 Garvies Point Road Brownfield Site, February 2016.

PWGC, Synthetic Precipitation Leaching Procedure Investigation / Red Flag Area Characterization Report; February 16, 2016.

FIGURES



Document Path: G:\Projects\M-R\RGI\1507\mapfiles\FIG1_VicinityMap.mxd

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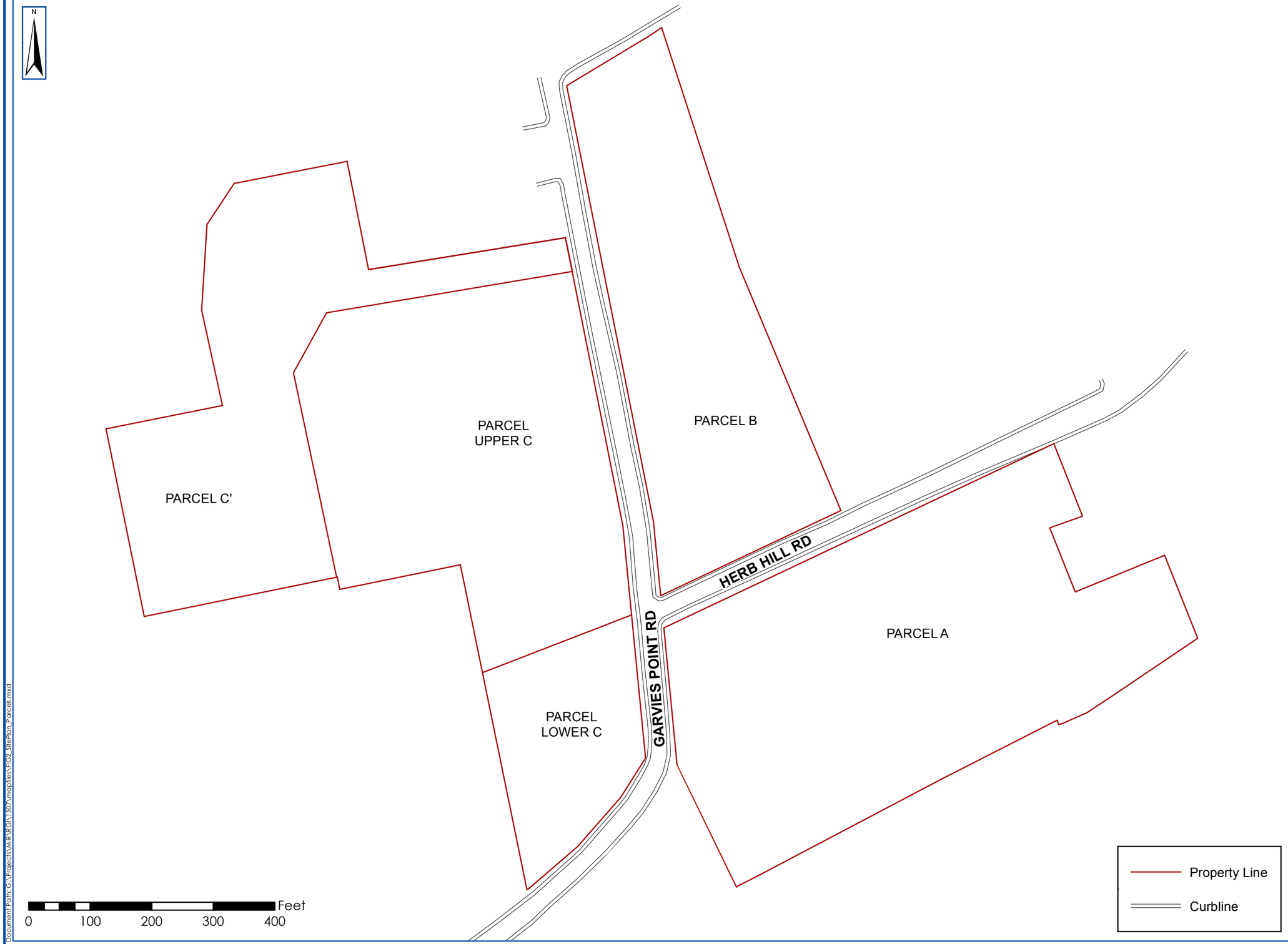
SUBJECT SITE VICINITY

49 HERB HILL RD
GLEN COVE, NY

0 ¼ ½ ¾ 1 Miles

Project:	RGI1507
Date:	2/16/2016
Designed by:	DE
Drawn by:	JCG
Approved by:	DE
Figure No:	1



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Project:		Designed by:	DE
Date:	2/16/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

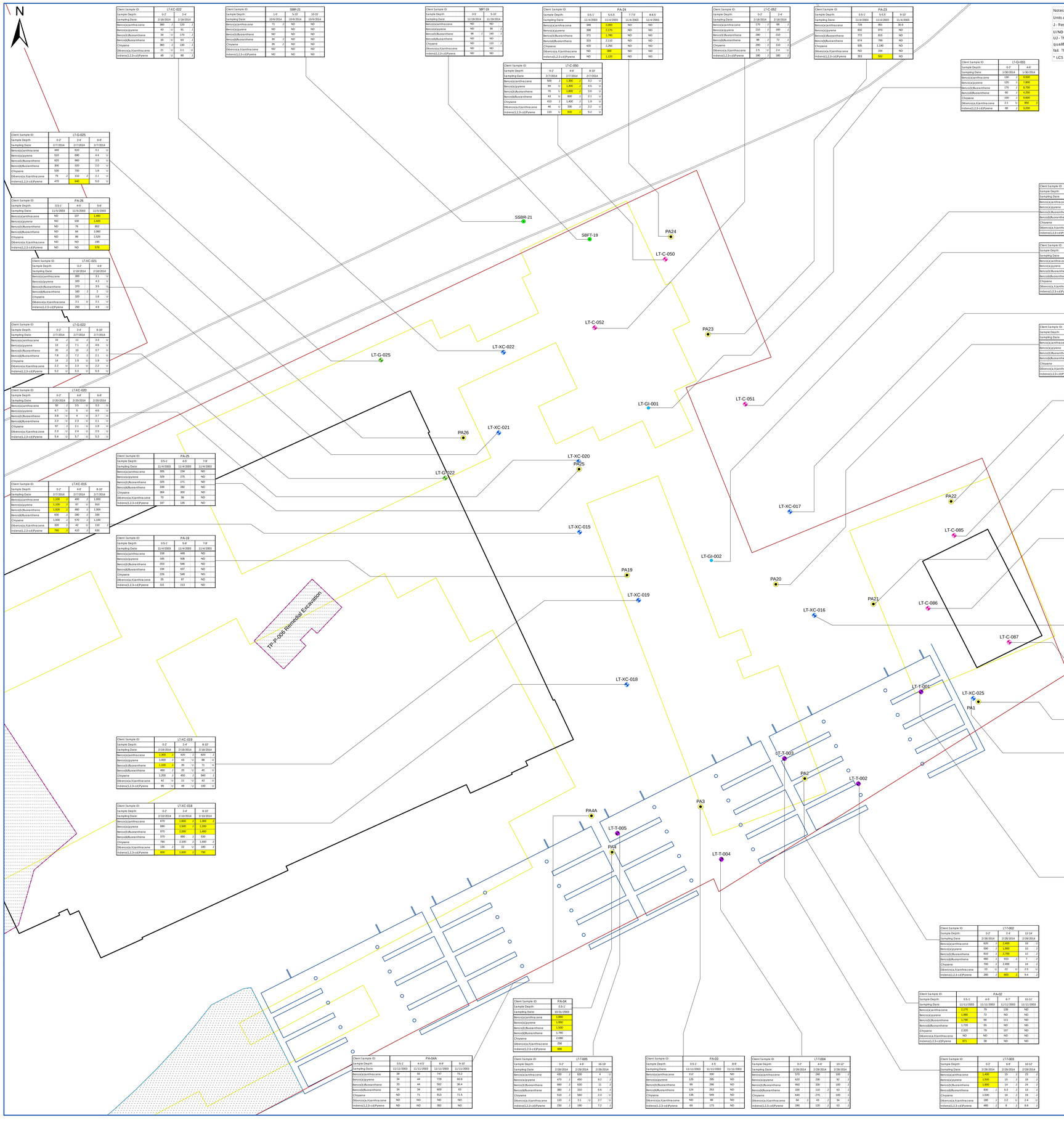
SITE PLAN & PARCEL BOUNDARIES

LI TUNGSTEN

FIGURE NO:

2

SHEET:



Client Sample ID:	LT-XC-022		
Sample Depth:	0-2'	2-4'	
Sampling Date:	2/18/2014	2/18/2014	
Benzo(a)anthracene	380 J	120	J
Benzo(a)pyrene	43 U	91	J
Benzo(b)fluoranthene	34 U	170	J
Benzo(k)fluoranthene	20 U	63	J
Chrysene	360 J	130	J
Dibenzo(a,h)anthracene	21 U	2.1	U
Indeno(1,2,3-cd)Pyrene	49 U	89	J

Client Sample ID:	SSBR-21		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/9/2014	10/9/2014	10/9/2014
Benzo(a)anthracene	71 J	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	30 J	ND	ND
Chrysene	85 J	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	SBFT-19		
Sample Depth:	0-5'	5-10'	
Sampling Date:	11/19/2014	11/19/2014	
Benzo(a)anthracene	ND	ND	
Benzo(a)pyrene	ND	90	J
Benzo(b)fluoranthene	98 J	140	J
Benzo(k)fluoranthene	ND	ND	
Chrysene	ND	110	J
Dibenzo(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)Pyrene	ND	ND	

Client Sample ID:	PA-24			
Sample Depth:	0.5-1'	5.5-5.7'	7-7.5'	8-8.5'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Benzo(a)anthracene	348	2,300	ND	ND
Benzo(a)pyrene	398	2,170	ND	ND
Benzo(b)fluoranthene	371	1,780	ND	ND
Benzo(k)fluoranthene	315	2,110	ND	ND
Chrysene	420	2,250	ND	ND
Dibenzo(a,h)anthracene	ND	389	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	1,120	ND	ND

Client Sample ID:	LT-C-052		
Sample Depth:	0-2'	2-4'	
Sampling Date:	2/18/2014	2/18/2014	
Benzo(a)anthracene	170 J	58	J
Benzo(a)pyrene	210 J	180	J
Benzo(b)fluoranthene	280	210	
Benzo(k)fluoranthene	98 J	72	J
Chrysene	200 J	110	J
Dibenzo(a,h)anthracene	2.5 U	2.4	U
Indeno(1,2,3-cd)Pyrene	190 J	180	J

Client Sample ID:	PA-23		
Sample Depth:	0.5-1'	5.5-5'	9-10'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Benzo(a)anthracene	728	991	361
Benzo(a)pyrene	832	970	ND
Benzo(b)fluoranthene	772	615	ND
Benzo(k)fluoranthene	674	789	ND
Chrysene	935	1,190	ND
Dibenzo(a,h)anthracene	ND	164	ND
Indeno(1,2,3-cd)Pyrene	353	552	ND

Notes:

Units are in parts per billion

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U/ND - Indicates the analyte was analyzed for but not detected.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

* LCS or LCSD exceeds the control limit

Client Sample ID:	LT-G-050		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	508	1,300 J	9.2 U
Benzo(a)pyrene	94 U	1,300 J	4.5 U
Benzo(b)fluoranthene	76 U	1,800 J	3.6 U
Benzo(k)fluoranthene	43 U	800 J	2.1 U
Chrysene	410 U	1,400 J	1.9 U
Dibenzo(a,h)anthracene	46 U	192 J	2.2 U
Indeno(1,2,3-cd)Pyrene	110 U	920 J	5.2 U

Client Sample ID:	LT-G-050		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	508	1,300 J	9.2 U
Benzo(a)pyrene	94 U	1,300 J	4.5 U
Benzo(b)fluoranthene	76 U	1,800 J	3.6 U
Benzo(k)fluoranthene	43 U	800 J	2.1 U
Chrysene	410 U	1,400 J	1.9 U
Dibenzo(a,h)anthracene	46 U	192 J	2.2 U
Indeno(1,2,3-cd)Pyrene	110 U	920 J	5.2 U

Client Sample ID:	LT-G-050		
Sample Depth:	0-2'	4-6'	
Sampling Date:	1/30/2014	1/30/2014	
Benzo(a)anthracene	130 J	5,500	
Benzo(a)pyrene	120 J	7,900	
Benzo(b)fluoranthene	170 J	9,700	
Benzo(k)fluoranthene	40 J	4,200	
Chrysene	150 J	8,600	
Dibenzo(a,h)anthracene	2.1 U	350	J
Indeno(1,2,3-cd)Pyrene	68 J	3,200	

Client Sample ID:	LT-G-025		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	440	910	3.1 U
Benzo(a)pyrene	510	690	4.4 U
Benzo(b)fluoranthene	620	960	3.5 U
Benzo(k)fluoranthene	300	320	2.0 U
Chrysene	530	700	1.8 U
Dibenzo(a,h)anthracene	79 J	110 J	2.1 U
Indeno(1,2,3-cd)Pyrene	470	640	5.0 U

Client Sample ID:	PA-26		
Sample Depth:	0.5-1'	4-5'	5-6'
Sampling Date:	11/5/2003	11/5/2003	11/5/2003
Benzo(a)anthracene	ND	107	1,460
Benzo(a)pyrene	ND	100	1,430
Benzo(b)fluoranthene	ND	76	802
Benzo(k)fluoranthene	ND	84	1,060
Chrysene	ND	99	1,520
Dibenzo(a,h)anthracene	ND	ND	190
Indeno(1,2,3-cd)Pyrene	ND	ND	376

Client Sample ID:	LT-XC-021		
Sample Depth:	0-2'	4-6'	
Sampling Date:	2/18/2014	2/18/2014	
Benzo(a)anthracene	300 J	3.1 U	
Benzo(a)pyrene	320 J	4.3 U	
Benzo(b)fluoranthene	370 J	3.5 U	
Benzo(k)fluoranthene	190 J	2 U	
Chrysene	300 J	1.8 U	
Dibenzo(a,h)anthracene	2.1 U	2.1 U	
Indeno(1,2,3-cd)Pyrene	350 J	4.9 U	

Client Sample ID:	LT-G-022		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	15 J	11 J	3.3 U
Benzo(a)pyrene	13 J	7.1 J	4.6 U
Benzo(b)fluoranthene	20 J	10 J	3.7 U
Benzo(k)fluoranthene	7.8 J	7.2 J	2.1 U
Chrysene	14 J	1.9 U	1.9 U
Dibenzo(a,h)anthracene	2.2 U	2.3 U	2.2 U
Indeno(1,2,3-cd)Pyrene	5.2 U	5.3 U	5.3 U

Client Sample ID:	LT-XC-020		
Sample Depth:	0-2'	4-6'	8-8'
Sampling Date:	2/20/2014	2/20/2014	2/20/2014
Benzo(a)anthracene	50 J	3.5 U	3.3 U
Benzo(a)pyrene	4.7 U	5 U	4.6 U
Benzo(b)fluoranthene	3.6 U	4 U	3.7 U
Benzo(k)fluoranthene	2.2 U	2.3 U	2.1 U
Chrysene	67 J	2.1 U	1.9 U
Dibenzo(a,h)anthracene	2.3 U	2.4 U	2.3 U
Indeno(1,2,3-cd)Pyrene	5.4 U	5.7 U	5.3 U

Client Sample ID:	LT-XC-015		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	1,100 J	400 J	1,000
Benzo(a)pyrene	1,100 J	87 U	910
Benzo(b)fluoranthene	1,500 J	480 J	1,000
Benzo(k)fluoranthene	630 J	180 J	330
Chrysene	1,500 J	570 J	1,100
Dibenzo(a,h)anthracene	300 J	42 U	110 J
Indeno(1,2,3-cd)Pyrene	790 J	410 J	630

Client Sample ID:	PA-25		
Sample Depth:	0.5-1'	4-5'	7-8'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Benzo(a)anthracene	305	234	ND
Benzo(a)pyrene	329	275	ND
Benzo(b)fluoranthene	325	271	ND
Benzo(k)fluoranthene	339	282	ND
Chrysene	364	302	ND
Dibenzo(a,h)anthracene	70	56	ND
Indeno(1,2,3-cd)Pyrene	187	135	ND

Client Sample ID:	PA-19		
Sample Depth:	0.5-1'	5-6'	7-8'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Benzo(a)anthracene	158	649	ND
Benzo(a)pyrene	185	556	ND
Benzo(b)fluoranthene	203	546	ND
Benzo(k)fluoranthene	134	437	ND
Chrysene	226	548	ND
Dibenzo(a,h)anthracene	35	87	ND
Indeno(1,2,3-cd)Pyrene	101	213	ND

Client Sample ID:	LT-C-081		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	110 J	23 J	5.3 U
Benzo(a)pyrene	100 J	4.4 U	45 J
Benzo(b)fluoranthene	150 J	32 J	3.8 U
Benzo(k)fluoranthene	68 J	2.0 U	2.1 U
Chrysene	130 J	32 J	1.9 U
Dibenzo(a,h)anthracene	20 J	2.2 U	2.3 U
Indeno(1,2,3-cd)Pyrene	84 J	5.1 U	5.4 U

Client Sample ID:	LT-G-002	
Sample Depth:	0-2'	2-4'
Sampling Date:	1/30/2014	1/30/2014
Benzo(a)anthracene	1,200	560
Benzo(a)pyrene	1,100	530
Benzo(b)fluoranthene	1,400	1,000
Benzo(k)fluoranthene	640 J	360
Chrysene	1,200	850
Dibenzo(a,h)anthracene	10 U	2.1 U
Indeno(1,2,3-cd)Pyrene	520 J	5.0 U

Client Sample ID:	LT-XC-017		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/18/2014	2/18/2014	2/18/2014
Benzo(a)anthracene	96 J	300	13 U
Benzo(a)pyrene	85 J	250	17 U
Benzo(b)fluoranthene	130 J	380	14 U
Benzo(k)fluoranthene	43 J	180 J	8.0 U
Chrysene	110 J	410	7.3 U
Dibenzo(a,h)anthracene	2.1 U	63 J	8.5 U
Indeno(1,2,3-cd)Pyrene	86 J	270	20 U

Client Sample ID:	PA-20		
Sample Depth:	0.5-1'	5-6'	8-9'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Benzo(a)anthracene	479	423	ND
Benzo(a)pyrene	490	425	ND
Benzo(b)fluoranthene	545	372	ND
Benzo(k)fluoranthene	441	365	ND
Chrysene	562	583	ND
Dibenzo(a,h)anthracene	ND	86	ND
Indeno(1,2,3-cd)Pyrene	209	210	ND

Client Sample ID:	PA-22		
Sample Depth:	0.5-1'	4.5-5.5'	11-12'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Benzo(a)anthracene	320	ND	ND
Benzo(a)pyrene	332	ND	ND
Benzo(b)fluoranthene	359	ND	ND
Benzo(k)fluoranthene	396	ND	ND
Chrysene	420	ND	ND
Dibenzo(a,h)anthracene	75	ND	ND
Indeno(1,2,3-cd)Pyrene	201	ND	ND

Client Sample ID:	LT-C-085		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Benzo(a)anthracene	30 U	34 U	35 U
Benzo(a)pyrene	11 U*	33 J*	13 U*
Benzo(b)fluoranthene	14 U	43	16 U
Benzo(k)fluoranthene	16 U	18 U	18 U
Chrysene	8.7 U	44 J	11 U
Dibenzo(a,h)anthracene	19 U	21 U	22 U
Indeno(1,2,3-cd)Pyrene	24 U	27 U	28 U

Client Sample ID:	PA-21		
Sample Depth:	0.5-1'	4-5'	8-9'
Sampling Date:	11/12/2003	11/12/2003	11/12/2003
Benzo(a)anthracene	606	72	ND
Benzo(a)pyrene	653	64	ND
Benzo(b)fluoranthene	657	60	ND
Benzo(k)fluoranthene	885	52	ND
Chrysene	674	116	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	181	ND	ND

Client Sample ID:	LT-C-086		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Benzo(a)anthracene	31 U	34 U	32 U
Benzo(a)pyrene	11 U*	12 U*	12 U*
Benzo(b)fluoranthene	14 U	16 U	15 U
Benzo(k)fluoranthene	16 U	18 U	17 U
Chrysene	10 U	11 U	11 U
Dibenzo(a,h)anthracene	19 U	21 U	20 U
Indeno(1,2,3-cd)Pyrene	25 U	27 U	26 U

Client Sample ID:	LT-XC-016		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	490 J	570 J	170 J
Benzo(a)pyrene	430 J	630 J	140 J
Benzo(b)fluoranthene	540 J	800 J	210
Benzo(k)fluoranthene	270 J	340 J	78 J
Chrysene	410 J	750 J	260
Dibenzo(a,h)anthracene	41 U	44 U	2.3 U
Indeno(1,2,3-cd)Pyrene	97 U	100 U	120 J

Client Sample ID:	LT-C-087		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Benzo(a)anthracene	2,900	31 U	31 U
Benzo(a)pyrene	2,400 J*	24 J*	11 U*
Benzo(b)fluoranthene	3,000	19 J	14 U
Benzo(k)fluoranthene	1,000	16 U	16 U
Chrysene	3,000	26 J	10 U
Dibenzo(a,h)anthracene	610	19 U	19 U
Indeno(1,2,3-cd)Pyrene	2,800	25 U	25 U

Client Sample ID:	PA-01		
Sample Depth:	0.5-1'	3-3.5'	7-8'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Benzo(a)anthracene	1,110	2,510	ND
Benzo(a)pyrene	1,220	2,400	ND
Benzo(b)fluoranthene	1,000	5,080	ND
Benzo(k)fluoranthene	1,300	5,940	ND
Chrysene	1,190	3,420	ND
Dibenzo(a,h)anthracene	ND	1,210	ND
Indeno(1,2,3-cd)Pyrene	363	3,430	ND

Client Sample ID:	LT-XC-025		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/27/2014	2/27/2014	2/27/2014
Benzo(a)anthracene	930 J	1,500 J	54 U
Benzo(a)pyrene	910 J	1,500 J	76 U
Benzo(b)fluoranthene	1,200 J	1,500 J	61 U
Benzo(k)fluoranthene	410 J	1,000 J	35 U
Chrysene	1,100 J	1,700 J	31 U
Dibenzo(a,h)anthracene	72 U	22 U	37 U
Indeno(1,2,3-cd)Pyrene	750 J	1,100 J	87 U

Client Sample ID:	LT-T-001		
Sample Depth:	0-2'	8-10'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	1,400	210 J	100 J
Benzo(a)pyrene	1,200	210 J	100 J
Benzo(b)fluoranthene	1,700	220 J	100 J
Benzo(k)fluoranthene	710 J	120 J	55 J
Chrysene	1,500	190 J	110 J
Dibenzo(a,h)anthracene	11 U	35 J	25 J
Indeno(1,2,3-cd)Pyrene	570 J	140 J	65 J

Client Sample ID:	LT-T-002		
Sample Depth:	0-2'	2-4'	12-14'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	920 J	2,400	18 J
Benzo(a)pyrene	590 J	1,900	10 J
Benzo(b)fluoranthene	810 J	2,700	12 J
Benzo(k)fluoranthene	460 J	910 J	7 J
Chrysene	700 J	2,400	14 J
Dibenzo(a,h)anthracene	23 U	22 U	2.5 U
Indeno(1,2,3-cd)Pyrene	280 J	900 J	9.4 J

Client Sample ID:	PA-02			
Sample Depth:	0.5-1'	4-5'	6-7'	10-11'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	2,170	79	139	ND
Benzo(a)pyrene	1,980	72	ND	ND
Benzo(b)fluoranthene	1,790	66	111	ND
Benzo(k)fluoranthene	1,720	55	ND	ND
Chrysene	2,320	79	157	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	871	38	ND	ND

Client Sample ID:	LT-T-003		
Sample Depth:	0-2'	6-8'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	1,490	18 J	23 J
Benzo(a)pyrene	1,500	15 J	18 J
Benzo(b)fluoranthene	1,900	14 J	24 J
Benzo(k)fluoranthene	830 J	6.3 J	13 J
Chrysene	1,500	16 J	19 J
Dibenzo(a,h)anthracene	180 J	2.2 U	2.4 U
Indeno(1,2,3-cd)Pyrene	480 J	8 J	8.8 J

Client Sample ID:	PA-04
Sample Depth:	0.5-1'
Sampling Date:	10/31/2003
Benzo(a)anthracene	1,980
Benzo(a)pyrene	1,900
Benzo(b)fluoranthene	1,600
Benzo(k)fluoranthene	1,790
Chrysene	2,080
Dibenzo(a,h)anthracene	256
Indeno(1,2,3-cd)Pyrene	856

Client Sample ID:	PA-04A			
Sample Depth:	0.5-1'	4-4.5'	8-9'	9-10'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	39	56	147	75.7
Benzo(a)pyrene	34	44	729	60.6
Benzo(b)fluoranthene	33	44	562	36.4
Benzo(k)fluoranthene	34	34	600	63
Chrysene	ND	71	913	71.5
Dibenzo(a,h)anthracene	ND	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	392	ND

Client Sample ID:	LT-T-005		
Sample Depth:	0-2'	4-6'	16-18'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	430 J	630	4 U
Benzo(a)pyrene	470 J	450	9.2 J
Benzo(b)fluoranthene	690 J	630	11 J
Benzo(k)fluoranthene	380 J	310	6.6 J
Chrysene	510 J	560	2.3 U
Dibenzo(a,h)anthracene	110 J	2.1 U	2.7 U
Indeno(1,2,3-cd)Pyrene	230 J	190	7.2 J

Client Sample ID:	PA-03		
Sample Depth:	0.5-1'	4-5'	8-9'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	112	150	ND
Benzo(a)pyrene	126	295	ND
Benzo(b)fluoranthene	99	286	ND
Benzo(k)fluoranthene	124	253	ND
Chrysene	136	549	ND
Dibenzo(a,h)anthracene	ND	88	ND
Indeno(1,2,3-cd)Pyrene	69	173	ND

Client Sample ID:	LT-T-004		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	570 J	190	100 J
Benzo(a)pyrene	620 J	230	92 J
Benzo(b)fluoranthene	950 J	330	100 J
Benzo(k)fluoranthene	300 J	110 J	63 J
Chrysene	640 J	270	100 J
Dibenzo(a,h)anthracene	94 J	40 J	34 J
Indeno(1,2,3-cd)Pyrene	280 J	120 J	53 J

Post Remedial Sample Location Descriptions

Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1; May 2004.

10/30/2003 through 11/11/2003

- Test Pit Location

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- TOGS Boring Location
- Confirmation Sampling Location
- Utility & Confirmation Boring Location
- GeoTech Boring Location
- Geotechnical Test Pit Location

PWGC, Supplemental Soil Testing - Former Li Tungsten Site - Lounge & Benbow Buildings; December 2014

9/24/2014 through 10/24/2014

- Confirmation Sampling Location

	NYSDEC Restricted-Residential Use SCO
Benzo(a)anthracene[1]	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene[1]	1,000
Benzo(k)fluoranthene[1]	3,900
Chrysene[1]	3,900
Dibenzo(a,h)anthracene[1]	330
Indeno(1,2,3-cd)Pyrene[1]	500

Soil

Exceeds RRUSCO

Property Boundary
Curbline
Proposed Bulkhead Excavation
Former Building Footprint
Petroleum Excavation
Proposed Building

PWGC
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P.W. GROSSER CONSULTING, INC.
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LI TUNGSTEN PARCEL A (EAST) SVOCs

GLEN ISLE

Feet
0 10 20 30 40

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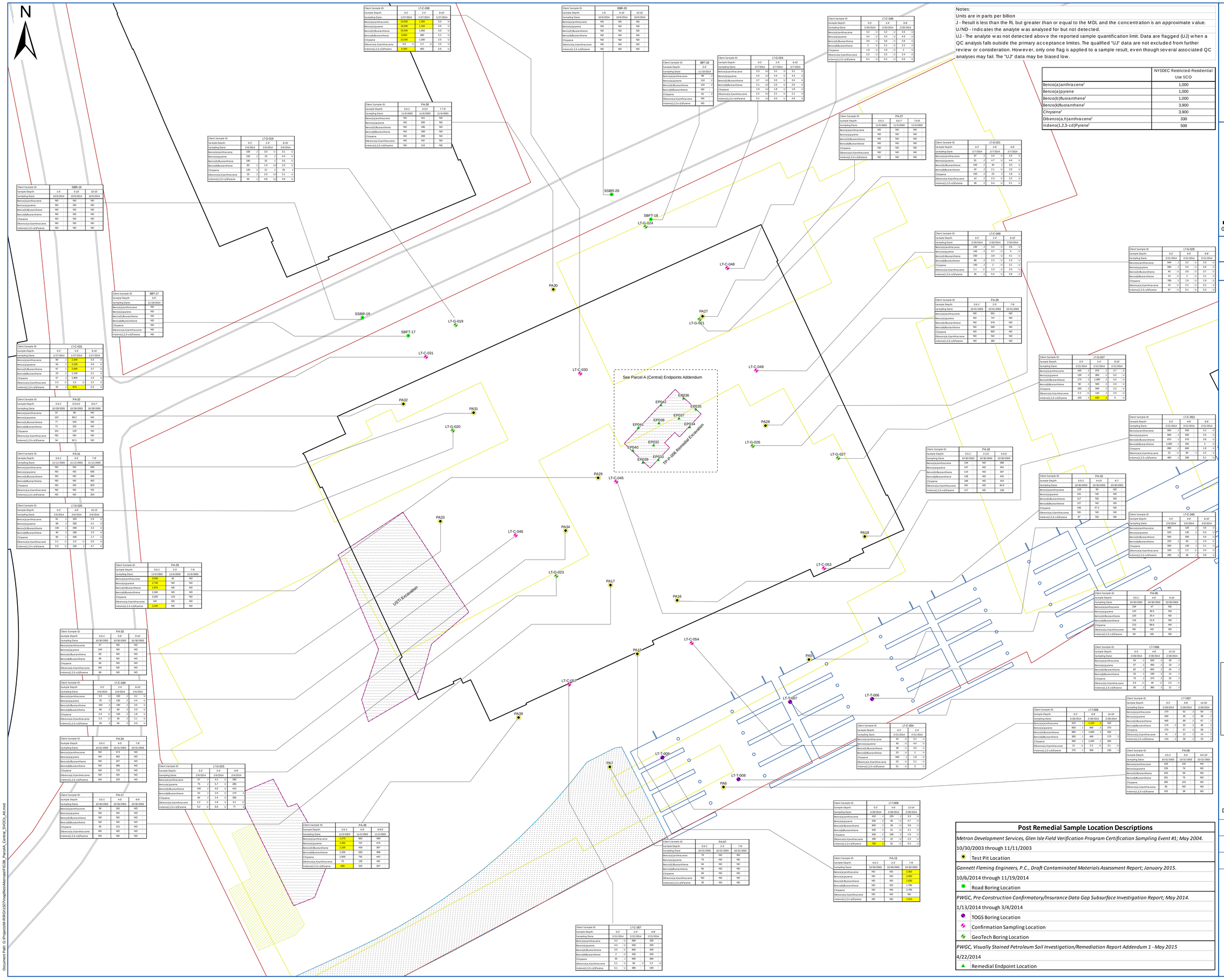

Client Sample ID:	LT-C-030		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/27/2014	1/27/2014	1/27/2014
Benzo(a)anthracene	23,000	1,300	3.5 U
Benzo(a)pyrene	18,000	1,100	4.9 U
Benzo(b)fluoranthene	20,000	1,000	3.9 U
Benzo(k)fluoranthene	8,600	480	2.2 U
Chrysene	10,000	1,300	2.0 U
Dibenzo(a,h)anthracene	9.9 U	2.2 U	2.4 U
Indeno(1,2,3-cd)Pyrene	5,900	490	5.6 U

Client Sample ID:	SSBR-20		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/6/2014	10/6/2014	10/6/2014
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	LT-C-048		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/20/2014	2/20/2014	2/20/2014
Benzo(a)anthracene	3.2 U	3.2 U	3.5 U
Benzo(a)pyrene	4.5 U	4.5 U	4.9 U
Benzo(b)fluoranthene	3.6 U	3.6 U	3.9 U
Benzo(k)fluoranthene	2 U	2.1 U	2.2 U
Chrysene	1.9 U	1.9 U	2 U
Dibenzo(a,h)anthracene	2.2 U	2.2 U	2.4 U
Indeno(1,2,3-cd)Pyrene	5.1 U	5.2 U	5.6 U

Client Sample ID:	SBFT-18
Sample Depth:	0-5'
Sampling Date:	11/19/2014
Benzo(a)anthracene	86 J
Benzo(a)pyrene	110 J
Benzo(b)fluoranthene	120 J
Benzo(k)fluoranthene	ND
Chrysene	91 J
Dibenzo(a,h)anthracene	ND
Indeno(1,2,3-cd)Pyrene	ND

Client Sample ID:	LT-G-024		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	3.3 U	3.1 U	3.1 U
Benzo(a)pyrene	4.5 U	4.4 U	4.3 U
Benzo(b)fluoranthene	3.7 U	3.5 U	3.4 U
Benzo(k)fluoranthene	2.1 U	2.0 U	2.0 U
Chrysene	1.9 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.1 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5.2 U	5.0 U	4.9 U

Notes:
Units are in parts per billion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantification limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limites. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO
Benzo(a)anthracene[1]	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene[1]	1,000
Benzo(k)fluoranthene[1]	3,900
Chrysene[1]	3,900
Dibenzo(a,h)anthracene[1]	330
Indeno(1,2,3-cd)Pyrene[1]	500

Client Sample ID:	PA-30		
Sample Depth:	0.5-1'	3.5-2'	7-7.5'
Sampling Date:	11/6/2003	11/6/2003	11/6/2003
Benzo(a)anthracene	ND	181	ND
Benzo(a)pyrene	ND	200	ND
Benzo(b)fluoranthene	ND	186	ND
Benzo(k)fluoranthene	ND	189	ND
Chrysene	ND	268	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	115	ND

Client Sample ID:	PA-27		
Sample Depth:	0.5-1'	6.5-7	7.5-8'
Sampling Date:	11/5/2003	11/5/2003	11/5/2003
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	LT-G-021		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Benzo(a)anthracene	87 J	3.4 U	3.2 U
Benzo(a)pyrene	91 J	4.7 U	4.4 U
Benzo(b)fluoranthene	100 J	30 J	3.5 U
Benzo(k)fluoranthene	42 J	2.1 U	2.0 U
Chrysene	100 J	23 J	1.8 U
Dibenzo(a,h)anthracene	14 J	2.3 U	2.2 U
Indeno(1,2,3-cd)Pyrene	40 J	5.4 U	5.1 U

Client Sample ID:	SSBR-19		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/6/2014	10/6/2014	10/6/2014
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	SBFT-17
Sample Depth:	0-5'
Sampling Date:	11/19/2014
Benzo(a)anthracene	ND
Benzo(a)pyrene	ND
Benzo(b)fluoranthene	ND
Benzo(k)fluoranthene	ND
Chrysene	ND
Dibenzo(a,h)anthracene	ND
Indeno(1,2,3-cd)Pyrene	ND

Client Sample ID:	LT-C-049		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/20/2014	2/20/2014	2/20/2014
Benzo(a)anthracene	130 J	3.4 U	3.6 U
Benzo(a)pyrene	140 J	4.7 U	5 U
Benzo(b)fluoranthene	200 J	3.8 U	4.1 U
Benzo(k)fluoranthene	88 J	2.2 U	2.3 U
Chrysene	140 J	2 U	2.1 U
Dibenzo(a,h)anthracene	2.1 U	2.3 U	2.5 U
Indeno(1,2,3-cd)Pyrene	45 J	5.4 U	5.8 U

Client Sample ID:	LT-G-026		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/21/2014	2/21/2014	2/21/2014
Benzo(a)anthracene	940 J	3.2 U	3.3 U
Benzo(a)pyrene	990 J	4.5 U	4.6 U
Benzo(b)fluoranthene	40 U	3.6 U	3.7 U
Benzo(k)fluoranthene	23 U	2 U	2.1 U
Chrysene	780 J	1.9 U	1.9 U
Dibenzo(a,h)anthracene	24 U	2.2 U	2.2 U
Indeno(1,2,3-cd)Pyrene	57 U	5.1 U	5.3 U

Client Sample ID:	PA-28		
Sample Depth:	0.5-1'	2-2'	7-8'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Benzo(a)anthracene	ND	651	ND
Benzo(a)pyrene	ND	747	ND
Benzo(b)fluoranthene	ND	576	ND
Benzo(k)fluoranthene	ND	583	ND
Chrysene	ND	902	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	382	ND

Client Sample ID:	LT-C-031		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/27/2014	1/27/2014	1/27/2014
Benzo(a)anthracene	90 J	2,080	3.3 U
Benzo(a)pyrene	54 J	2,100	4.6 U
Benzo(b)fluoranthene	57 J	2,060	3.7 U
Benzo(k)fluoranthene	23 J	1,100	2.1 U
Chrysene	57 J	1,900	1.9 U
Dibenzo(a,h)anthracene	2.3 U	2.2 U	2.2 U
Indeno(1,2,3-cd)Pyrene	25 J	870	5.3 U

Client Sample ID:	LT-G-027		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/21/2014	2/21/2014	2/21/2014
Benzo(a)anthracene	140 J	870 J	3.7 U
Benzo(a)pyrene	130 J	900 J	5.2 U
Benzo(b)fluoranthene	170 J	1,060 J	4.2 U
Benzo(k)fluoranthene	58 J	500 J	2.4 U
Chrysene	160 J	940 J	2.2 U
Dibenzo(a,h)anthracene	2.3 U	140 J	2.5 U
Indeno(1,2,3-cd)Pyrene	100 J	640 J	6 U

Client Sample ID:	PA-32		
Sample Depth:	0.5-1'	5.5-6.0	6.6-7
Sampling Date:	10/28/2003	10/28/2003	10/28/2003
Benzo(a)anthracene	87	98	ND
Benzo(a)pyrene	102	89.2	ND
Benzo(b)fluoranthene	77	104	ND
Benzo(k)fluoranthene	71	102	ND
Chrysene	101	129	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	54	62.1	ND

Client Sample ID:	PA-31		
Sample Depth:	0.5-1'	4-5'	7-8'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	ND	ND	896
Benzo(a)pyrene	ND	ND	635
Benzo(b)fluoranthene	ND	ND	495
Benzo(k)fluoranthene	ND	ND	452
Chrysene	ND	ND	823
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	324

Client Sample ID:	LT-G-020		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Benzo(a)anthracene	91 J	320 J	2.9 U
Benzo(a)pyrene	68 J	350 J	4.1 U
Benzo(b)fluoranthene	100 J	490 J	3.3 U
Benzo(k)fluoranthene	40 J	180 J	1.9 U
Chrysene	65 J	400 J	1.7 U
Dibenzo(a,h)anthracene	3.1 U	2.0 U	2.0 U
Indeno(1,2,3-cd)Pyrene	5.0 U	150 J	4.7 U

Client Sample ID:	PA-29		
Sample Depth:	0.5-1'	2-2'	7-8'
Sampling Date:	11/6/2003	11/6/2003	11/6/2003
Benzo(a)anthracene	3,000	81	ND
Benzo(a)pyrene	2,730	ND	ND
Benzo(b)fluoranthene	3,970	ND	ND
Benzo(k)fluoranthene	2,940	ND	ND
Chrysene	3,820	116	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	1,440	ND	ND

Client Sample ID:	PA-18		
Sample Depth:	0.5-1	2-2.5'	5-5.5'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Benzo(a)anthracene	134	ND	898
Benzo(a)pyrene	147	ND	941
Benzo(b)fluoranthene	114	ND	807
Benzo(k)fluoranthene	128	ND	242
Chrysene	166	ND	415
Dibenzo(a,h)anthracene	ND	ND	45.9
Indeno(1,2,3-cd)Pyrene	117	ND	138

Client Sample ID:	PA-16		
Sample Depth:	0.5-1'	4-4.5'	6-7'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Benzo(a)anthracene	118	50	ND
Benzo(a)pyrene	141	ND	ND
Benzo(b)fluoranthene	117	ND	ND
Benzo(k)fluoranthene	127	ND	ND
Chrysene	146	47.2	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	87	ND	ND

Client Sample ID:	LT-C-053		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/21/2014	2/21/2014	2/21/2014
Benzo(a)anthracene	650 J	550	3.2 U
Benzo(a)pyrene	660 J	500	4.5 U
Benzo(b)fluoranthene	870 J	570	3.6 U
Benzo(k)fluoranthene	1,000 J	230 J	2 U
Chrysene	890 J	690	1.8 U
Dibenzo(a,h)anthracene	22 U	80 J	2.2 U
Indeno(1,2,3-cd)Pyrene	460 J	290	5.1 U

Client Sample ID:	LT-C-045		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Benzo(a)anthracene	460	120 J	3.6 U
Benzo(a)pyrene	520	130 J	5.0 U
Benzo(b)fluoranthene	590	230	4.0 U
Benzo(k)fluoranthene	220 J	63 J	2.3 U
Chrysene	500	130 J	2.1 U
Dibenzo(a,h)anthracene	100 J	2.2 U	2.4 U
Indeno(1,2,3-cd)Pyrene	290 J	36 J	5.8 U

Client Sample ID:	PA-33		
Sample Depth:	0.5-1'	5-6'	9-10'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Benzo(a)anthracene	47	ND	ND
Benzo(a)pyrene	104	ND	ND
Benzo(b)fluoranthene	60	ND	ND
Benzo(k)fluoranthene	90	ND	ND
Chrysene	64	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	68	ND	ND

Client Sample ID:	PA-05		
Sample Depth:	0.5-1'	4-5'	9-10'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Benzo(a)anthracene	154	47	ND
Benzo(a)pyrene	123	30.5	ND
Benzo(b)fluoranthene	120	25.4	ND
Benzo(k)fluoranthene	116	31.8	ND
Chrysene	213	68.6	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	63	ND	ND

Client Sample ID:	LT-T-006		
Sample Depth:	0-2'	4-6'	12-14'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	54 J	550 J	28 J
Benzo(a)pyrene	57 J	450 J	19 J
Benzo(b)fluoranthene	82 J	600 J	26 J
Benzo(k)fluoranthene	25 J	190 J	14 J
Chrysene	73 J	370 J	25 J
Dibenzo(a,h)anthracene	2.6 U	46 U	2.5 U
Indeno(1,2,3-cd)Pyrene	30 J	380 J	12 J

Client Sample ID:	LT-C-046		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Benzo(a)anthracene	3.5 U	150 J	3.1 U
Benzo(a)pyrene	76 J	130 J	4.4 U
Benzo(b)fluoranthene	150 J	190 J	3.5 U
Benzo(k)fluoranthene	49 J	68 J	2.0 U
Chrysene	2.0 U	150 J	1.8 U
Dibenzo(a,h)anthracene	2.4 U	36 J	2.1 U
Indeno(1,2,3-cd)Pyrene	29 J	94 J	5.0 U

Client Sample ID:	LT-T-007		
Sample Depth:	0-2'	6-8'	14-16'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	270	52 J	60 J
Benzo(a)pyrene	260	46 J	48 J
Benzo(b)fluoranthene	400	89 J	67 J
Benzo(k)fluoranthene	170 J	32 J	36 J
Chrysene	270	57 J	58 J
Dibenzo(a,h)anthracene	41 J	12 J	14 J
Indeno(1,2,3-cd)Pyrene	110 J	26 J	23 J

Client Sample ID:	LT-T-008		
Sample Depth:	0-2'	6-8'	14-16'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	810 J	3,100 J	420
Benzo(a)pyrene	650 J	890 J	370
Benzo(b)fluoranthene	890 J	1,200 J	430
Benzo(k)fluoranthene	350 J	440	170 J
Chrysene	580 J	1,200 J	450
Dibenzo(a,h)anthracene	21 U	23 U	3.1 U
Indeno(1,2,3-cd)Pyrene	270 J	300	130 J

Client Sample ID:	LT-T-009		
Sample Depth:	0-2'	4-6'	12-14'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	400 J	220 J	3.3 U
Benzo(a)pyrene	530 J	45 U	4.7 U
Benzo(b)fluoranthene	600 J	36 U	3.8 U
Benzo(k)fluoranthene	530 J	21 U	2.1 U
Chrysene	530 J	180 J	1.9 U
Dibenzo(a,h)anthracene	280 J	22 U	2.3 U
Indeno(1,2,3-cd)Pyrene	780 J	52 U	5.4 U

Client Sample ID:	LT-T-007		
Sample Depth:	0-2'	6-8'	14-16'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	270	52 J	60 J
Benzo(a)pyrene	260	46 J	48 J
Benzo(b)fluoranthene	400	89 J	67 J
Benzo(k)fluoranthene	170 J	32 J	36 J
Chrysene	270	57 J	58 J
Dibenzo(a,h)anthracene	41 J	12 J	14 J
Indeno(1,2,3-cd)Pyrene	110 J	26 J	23 J

Client Sample ID:	LT-T-008		
Sample Depth:	0-2'	6-8'	14-16'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	810 J	3,100 J	420
Benzo(a)pyrene	650 J	890 J	370
Benzo(b)fluoranthene	890 J	1,200 J	430
Benzo(k)fluoranthene	350 J	440	170 J
Chrysene	580 J	1,200 J	450
Dibenzo(a,h)anthracene	21 U	23 U	3.1 U
Indeno(1,2,3-cd)Pyrene	270 J	300	130 J

Client Sample ID:	LT-T-006		
Sample Depth:	0-2'	4-6'	12-14'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Benzo(a)anthracene	54 J	550 J	28 J
Benzo(a)pyrene	57 J	450 J	19 J
Benzo(b)fluoranthene	82 J	600 J	26 J
Benzo(k)fluoranthene	25 J	190 J	14 J
Chrysene	73 J	370 J	25 J
Dibenzo(a,h)anthracene	2.6 U	46 U	2.5 U
Indeno(1,2,3-cd)Pyrene	30 J	380 J	12 J

Client Sample ID:	LT-C-054	
Sample Depth:	0-2'	2-4'
Sampling Date:	2/21/2014	2/21/2014
Benzo(a)anthracene	32 U	3.1 U
Benzo(a)pyrene	45 U	4.4 U
Benzo(b)fluoranthene	35 U	3.5 U
Benzo(k)fluoranthene	20 U	2 U
Chrysene	400 J	1.8 U
Dibenzo(a,h)anthracene	22 U	2.1 U
Indeno(1,2,3-cd)Pyrene	51 U	5 U

Client Sample ID:	PA-06		
Sample Depth:	0.5-1'	3-4'	8.5-10'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Benzo(a)anthracene	229	102	ND
Benzo(a)pyrene	226	76	ND
Benzo(b)fluoranthene	203	59	ND
Benzo(k)fluoranthene	201	75	ND
Chrysene	260	101	ND
Dibenzo(a,h)anthracene	56	ND	ND
Indeno(1,2,3-cd)Pyrene	102	38	ND

Client Sample ID:	LT-G-023		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Benzo(a)anthracene	87 J	4.1 U	290
Benzo(a)pyrene	75 J	5.7 U	280
Benzo(b)fluoranthene	140 J	4.6 U	410
Benzo(k)fluoranthene	52 J	2.6 U	170 J
Chrysene	82 J	2.4 U	390
Dibenzo(a,h)anthracene	2.2 U	2.8 U	3.2 U
Indeno(1,2,3-cd)Pyrene	5.2 U	6.6 U	77 J

Client Sample ID:	PA-39		
Sample Depth:	0.5-1'	5-6'	9-9.5'
Sampling Date:	11/5/2003	11/5/2003	11/5/2003
Benzo(a)anthracene	1,270	663	490
Benzo(a)pyrene	1,350	707	475
Benzo(b)fluoranthene	1,100	435	367
Benzo(k)fluoranthene	1,200	563	386
Chrysene	1,500	781	442
Dibenzo(a,h)anthracene	70	135	ND
Indeno(1,2,3-cd)Pyrene	668	332	307

Client Sample ID:	PA-07		
Sample Depth:	0.5-1'	2-2'	7-8'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Benzo(a)anthracene	79	ND	ND
Benzo(a)pyrene	70	ND	ND
Benzo(b)fluoranthene	64	ND	ND
Benzo(k)fluoranthene	65	ND	ND
Chrysene	84	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	35	ND	ND

Client Sample ID:	PA-15		
Sample Depth:	0.5-1'	2-3'	7-8'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Benzo(a)anthracene	ND	ND	2,960
Benzo(a)pyrene	ND	ND	2,450
Benzo(b)fluoranthene	ND	ND	1,530
Benzo(k)fluoranthene	ND	ND	1,780
Chrysene	ND	ND	2,790
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	1,010

Client Sample ID:	LT-C-057		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/21/2014	2/21/2014	2/21/2014
Benzo(a)anthracene	9.2 U	580	300
Benzo(a)pyrene	4.4 U	530	320
Benzo(b)fluoranthene	3.5 U	660	330
Benzo(k)fluoranthene	2 U	330	200
Chrysene	30 J	660	360
Dibenzo(a,h)anthracene	2.1 U	90 J	2.2 U
Indeno(1,2,3-cd)Pyrene	5.1 U	380	190

Post Remedial Sample Location Descriptions

Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1; May 2004.

10/30/2003 through 11/11/2003

- Test Pit Location

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- TOGS Boring Location
- Confirmation Sampling Location
- GeoTech Boring Location

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1 - May 2015

4/22/2014

- Remedial Endpoint Location

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LI TUNGSTEN PARCEL A (CENTRAL) SVOCs

GLEN ISLE

0 10 20 30 40 Feet

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DRAWING PREPARED FOR:

Soil

- Exceeds RRUSCO

- Property Boundary
- Curbline
- Proposed Bulkhead Excavation
- Excavation performed as part of Doxey Remediation
- Former Building Footprint
- Petroleum Excavation
- Proposed Building

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

FIGURE NO: 3B

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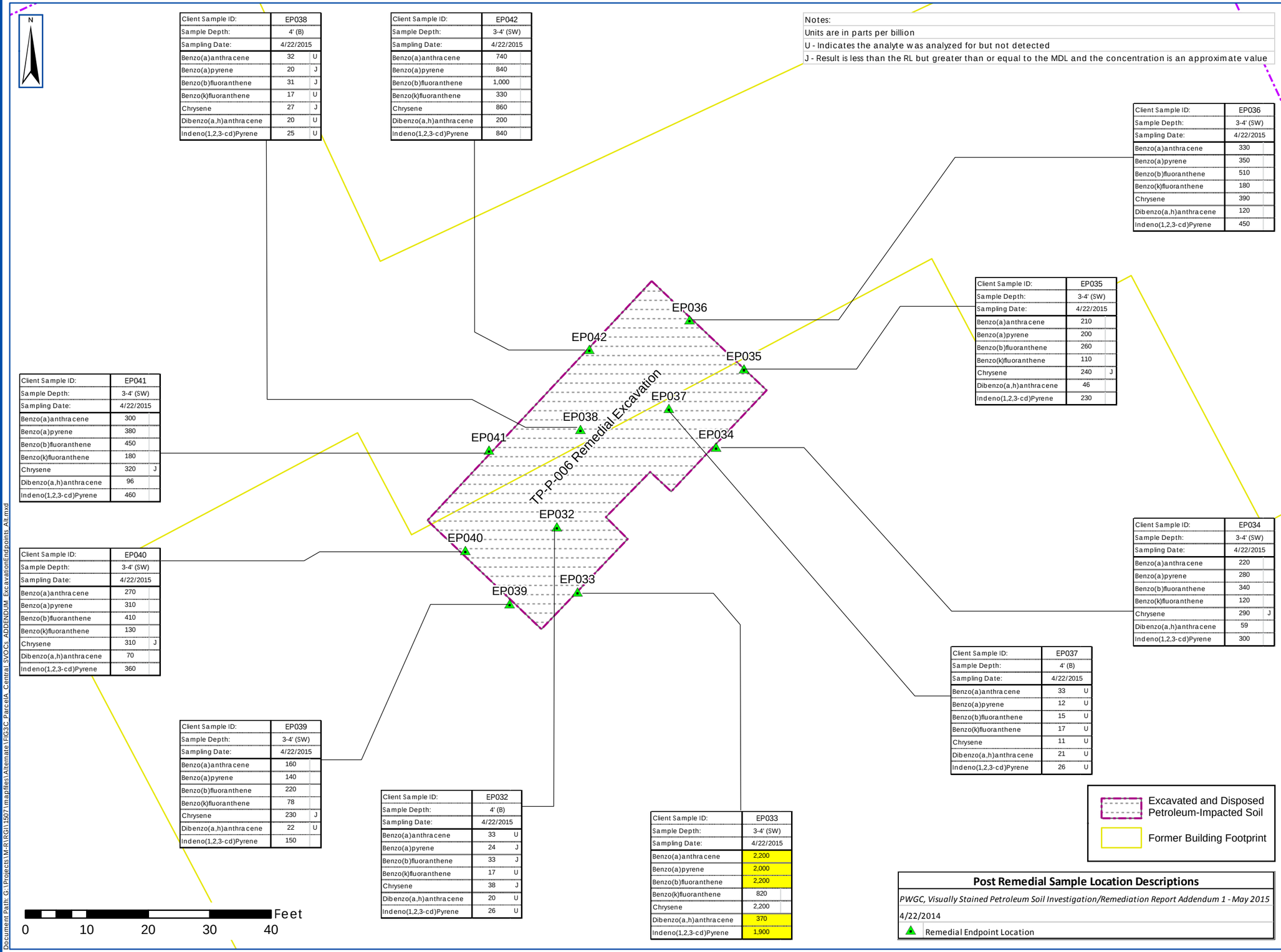

Notes:
Units are in parts per billion
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

Client Sample ID:	EP038	
Sample Depth:	4' (B)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	32	U
Benzo(a)pyrene	20	J
Benzo(b)fluoranthene	31	J
Benzo(k)fluoranthene	17	U
Chrysene	27	J
Dibenzo(a,h)anthracene	20	U
Indeno(1,2,3-cd)Pyrene	25	U

Client Sample ID:	EP042	
Sample Depth:	3-4' (SW)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	740	
Benzo(a)pyrene	840	
Benzo(b)fluoranthene	1,000	
Benzo(k)fluoranthene	330	
Chrysene	860	
Dibenzo(a,h)anthracene	200	
Indeno(1,2,3-cd)Pyrene	840	

Client Sample ID:	EP036	
Sample Depth:	3-4' (SW)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	330	
Benzo(a)pyrene	350	
Benzo(b)fluoranthene	510	
Benzo(k)fluoranthene	180	
Chrysene	390	
Dibenzo(a,h)anthracene	120	
Indeno(1,2,3-cd)Pyrene	450	

Client Sample ID:	EP035	
Sample Depth:	3-4' (SW)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	210	
Benzo(a)pyrene	200	
Benzo(b)fluoranthene	260	
Benzo(k)fluoranthene	110	
Chrysene	240	J
Dibenzo(a,h)anthracene	46	
Indeno(1,2,3-cd)Pyrene	230	

Client Sample ID:	EP041	
Sample Depth:	3-4' (SW)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	300	
Benzo(a)pyrene	380	
Benzo(b)fluoranthene	450	
Benzo(k)fluoranthene	180	
Chrysene	320	J
Dibenzo(a,h)anthracene	96	
Indeno(1,2,3-cd)Pyrene	460	

Client Sample ID:	EP034	
Sample Depth:	3-4' (SW)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	220	
Benzo(a)pyrene	280	
Benzo(b)fluoranthene	340	
Benzo(k)fluoranthene	120	
Chrysene	290	J
Dibenzo(a,h)anthracene	59	
Indeno(1,2,3-cd)Pyrene	300	

Client Sample ID:	EP040	
Sample Depth:	3-4' (SW)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	270	
Benzo(a)pyrene	310	
Benzo(b)fluoranthene	410	
Benzo(k)fluoranthene	130	
Chrysene	310	J
Dibenzo(a,h)anthracene	70	
Indeno(1,2,3-cd)Pyrene	360	

Client Sample ID:	EP037	
Sample Depth:	4' (B)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	33	U
Benzo(a)pyrene	12	U
Benzo(b)fluoranthene	15	U
Benzo(k)fluoranthene	17	U
Chrysene	11	U
Dibenzo(a,h)anthracene	21	U
Indeno(1,2,3-cd)Pyrene	26	U

Client Sample ID:	EP039	
Sample Depth:	3-4' (SW)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	160	
Benzo(a)pyrene	140	
Benzo(b)fluoranthene	220	
Benzo(k)fluoranthene	78	
Chrysene	230	J
Dibenzo(a,h)anthracene	22	U
Indeno(1,2,3-cd)Pyrene	150	

Client Sample ID:	EP032	
Sample Depth:	4' (B)	
Sampling Date:	4/22/2015	
Benzo(a)anthracene	33	U
Benzo(a)pyrene	24	J
Benzo(b)fluoranthene	33	J
Benzo(k)fluoranthene	17	U
Chrysene	38	J
Dibenzo(a,h)anthracene	20	U
Indeno(1,2,3-cd)Pyrene	26	U

Client Sample ID:	EP033
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Benzo(a)anthracene	2,200
Benzo(a)pyrene	2,000
Benzo(b)fluoranthene	2,200
Benzo(k)fluoranthene	820
Chrysene	2,200
Dibenzo(a,h)anthracene	370
Indeno(1,2,3-cd)Pyrene	1,900

Excavated and Disposed Petroleum-Impacted Soil

Former Building Footprint

Post Remedial Sample Location Descriptions

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1 - May 2015

4/22/2014

Remedial Endpoint Location

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SEE LI TUNGSTEN PARCEL A (CENTRAL) MAP FOR CONTEXT

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DRAWING PREPARED FOR:

Soil

Exceeds RRUSCO

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

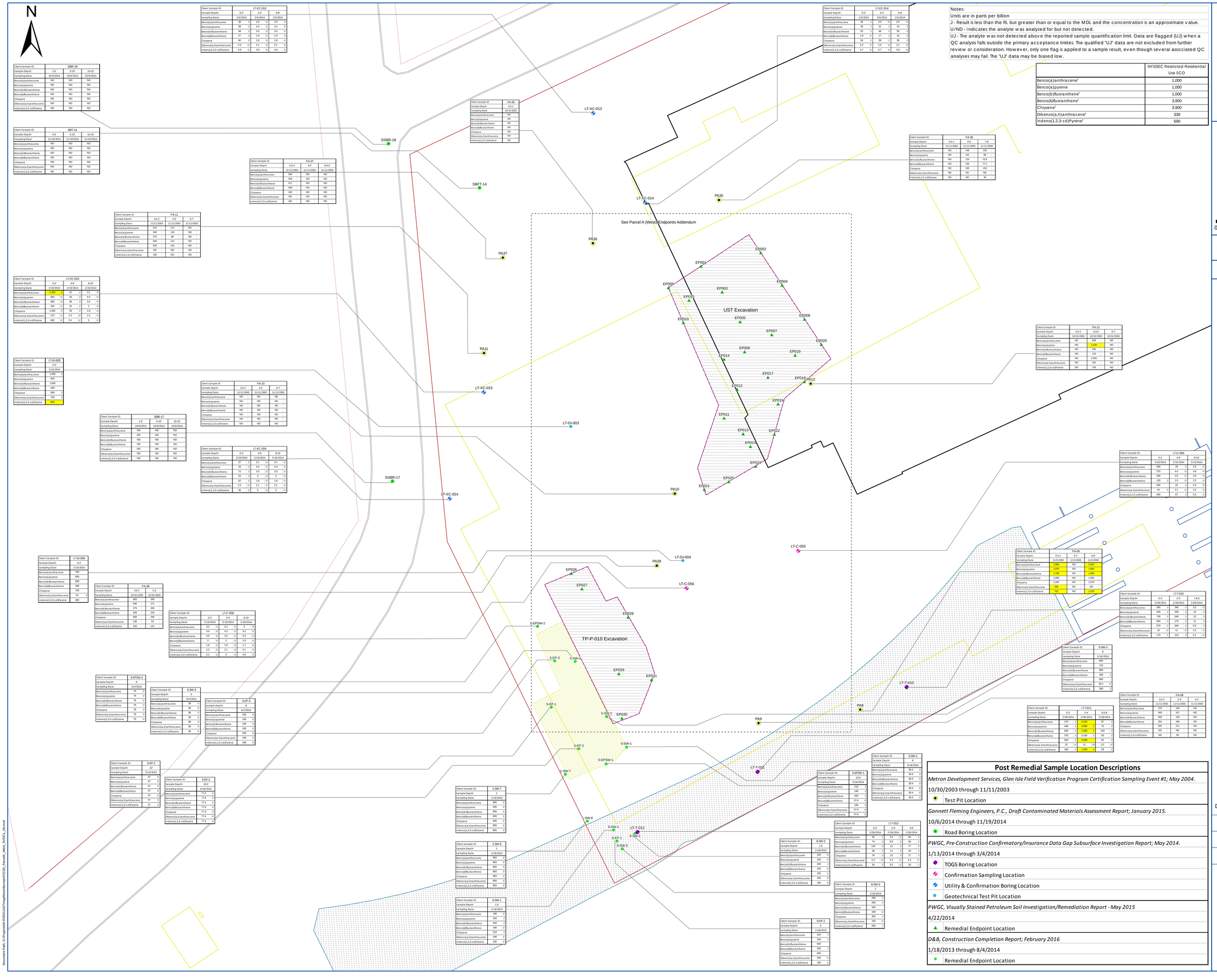
Addendum: LI TUNGSTEN PARCEL A (CENTRAL) SVOCs (EXCAVATION ENDPOINTS)

GLEN ISLE

FIGURE NO: 3C

SHEET:

Document Path: G:\Projects\M-R\RGI\1507\mapfiles\Alternate\FIG3C-ParcelA_Central_SVOCs_ADDENDUM_ExcavationEndpoints_Alt.mxd



Client Sample ID:	LT-XC-013					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Benzo(a)anthracene	38	J	3.0	U	3.0	U
Benzo(a)pyrene	38	J	4.3	U	4.2	U
Benzo(b)fluoranthene	48	J	3.4	U	3.4	U
Benzo(k)fluoranthene	27	J	1.9	U	1.9	U
Chrysene	40	J	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.0	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.8	U	4.8	U	4.8	U

Client Sample ID:	LT-XC-014					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Benzo(a)anthracene	34	J	3.0	U	3.0	U
Benzo(a)pyrene	35	J	3.1	J	3.4	J
Benzo(b)fluoranthene	52	J	48	J	50	J
Benzo(k)fluoranthene	1.9	U	17	J	16	J
Chrysene	34	J	38	J	36	J
Dibenzo(a,h)anthracene	2.0	U	2.0	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.7	U	4.7	U	4.8	U

Notes:
Units are in parts per billion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantification limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limites. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO
Benzo(a)anthracene[1]	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene[1]	1,000
Benzo(k)fluoranthene[1]	3,900
Chrysene[1]	3,900
Dibenzo(a,h)anthracene[1]	330
Indeno(1,2,3-cd)Pyrene[1]	500

Client Sample ID:	SSBR-18		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/6/2014	10/6/2014	10/6/2014
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	SBFT-14		
Sample Depth:	0-5'	5-10'	10-15'
Sampling Date:	11/19/2014	11/19/2014	11/19/2014
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	PA-36
Sample Depth:	0.5-1'
Sampling Date:	10/31/2003
Benzo(a)anthracene	ND
Benzo(a)pyrene	ND
Benzo(b)fluoranthene	ND
Benzo(k)fluoranthene	ND
Chrysene	ND
Dibenzo(a,h)anthracene	ND
Indeno(1,2,3-cd)Pyrene	ND

Client Sample ID:	PA-37		
Sample Depth:	0.5-1'	4-5'	6-6.5'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	384	ND	ND
Benzo(a)pyrene	443	ND	ND
Benzo(b)fluoranthene	471	ND	ND
Benzo(k)fluoranthene	409	ND	ND
Chrysene	432	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	PA-35		
Sample Depth:	0.5-1'	4-5'	7-8'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	ND	146	106
Benzo(a)pyrene	ND	142	86
Benzo(b)fluoranthene	ND	124	75.8
Benzo(k)fluoranthene	ND	130	77.1
Chrysene	ND	183	104
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	46

Client Sample ID:	PA-11		
Sample Depth:	0.5-1'	4-5'	6-7
Sampling Date:	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	415	112	ND
Benzo(a)pyrene	540	118	ND
Benzo(b)fluoranthene	375	88	ND
Benzo(k)fluoranthene	540	114	ND
Chrysene	535	120	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	185	ND	ND

Client Sample ID:	LT-XC-023					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/19/2014		2/19/2014		2/19/2014	
Benzo(a)anthracene	1,200	J	41	J	3.1	U
Benzo(a)pyrene	350	U	35	J	4.4	U
Benzo(b)fluoranthene	280	U	46	J	3.5	U
Benzo(k)fluoranthene	180	U	25	J	2	U
Chrysene	1,300	J	33	J	1.8	U
Dibenzo(a,h)anthracene	170	U	2.2	U	2.1	U
Indeno(1,2,3-cd)Pyrene	400	U	5.1	U	5	U

Client Sample ID:	LT-GI-003
Sample Depth:	0-2'
Sampling Date:	2/10/2014
Benzo(a)anthracene	1,000 J
Benzo(a)pyrene	800
Benzo(b)fluoranthene	1,000
Benzo(k)fluoranthene	430
Chrysene	990 J
Dibenzo(a,h)anthracene	140 J
Indeno(1,2,3-cd)Pyrene	650

Client Sample ID:	PA-10		
Sample Depth:	0.5-1'	4-5'	6-7
Sampling Date:	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	SSBR-17		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/8/2014	10/8/2014	10/8/2014
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	LT-XC-024					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/19/2014		2/19/2014		2/19/2014	
Benzo(a)anthracene	37	J	3.1	U	3.1	U
Benzo(a)pyrene	33	J	4.3	U	4.3	U
Benzo(b)fluoranthene	72	J	3.5	U	3.5	U
Benzo(k)fluoranthene	25	J	2	U	2	U
Chrysene	52	J	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	45	J	5	U	5	U

Client Sample ID:	LT-GI-004
Sample Depth:	0-2'
Sampling Date:	2/10/2014
Benzo(a)anthracene	790
Benzo(a)pyrene	650
Benzo(b)fluoranthene	830
Benzo(k)fluoranthene	280
Chrysene	790
Dibenzo(a,h)anthracene	90 J
Indeno(1,2,3-cd)Pyrene	460

Client Sample ID:	PA-38	
Sample Depth:	0.5-1'	2-2'
Sampling Date:	10/31/2003	10/31/2003
Benzo(a)anthracene	663	296
Benzo(a)pyrene	640	271
Benzo(b)fluoranthene	575	200
Benzo(k)fluoranthene	626	220
Chrysene	689	295
Dibenzo(a,h)anthracene	135	53
Indeno(1,2,3-cd)Pyrene	343	141

Client Sample ID:	LT-C-058					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/19/2014		2/19/2014		2/19/2014	
Benzo(a)anthracene	9.2	U	3.1	U	3	U
Benzo(a)pyrene	4.4	U	4.3	U	4.2	U
Benzo(b)fluoranthene	3.6	U	3.5	U	3.4	U
Benzo(k)fluoranthene	2	U	2	U	1.9	U
Chrysene	1.8	U	1.8	U	1.7	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.1	U	5	U	4.8	U

Client Sample ID:	S-EPSW-2
Sample Depth:	6'
Sampling Date:	6/4/2014
Benzo(a)anthracene	76 U
Benzo(a)pyrene	76 U
Benzo(b)fluoranthene	76 U
Benzo(k)fluoranthene	76 U
Chrysene	76 U
Dibenzo(a,h)anthracene	76 U
Indeno(1,2,3-cd)Pyrene	76 U

Client Sample ID:	S-SW-3
Sample Depth:	6'
Sampling Date:	6/4/2014
Benzo(a)anthracene	38 U
Benzo(a)pyrene	38 U
Benzo(b)fluoranthene	38 U
Benzo(k)fluoranthene	38 U
Chrysene	38 U
Dibenzo(a,h)anthracene	38 U
Indeno(1,2,3-cd)Pyrene	38 U

Client Sample ID:	S-EP-2
Sample Depth:	8'
Sampling Date:	6/4/2014
Benzo(a)anthracene	190 U
Benzo(a)pyrene	190 U
Benzo(b)fluoranthene	190 U
Benzo(k)fluoranthene	190 U
Chrysene	190 U
Dibenzo(a,h)anthracene	190 U
Indeno(1,2,3-cd)Pyrene	190 U

Client Sample ID:	S-EP-1
Sample Depth:	12'
Sampling Date:	5/13/2014
Benzo(a)anthracene	47 U
Benzo(a)pyrene	47 U
Benzo(b)fluoranthene	47 U
Benzo(k)fluoranthene	47 U
Chrysene	47 U
Dibenzo(a,h)anthracene	47 U
Indeno(1,2,3-cd)Pyrene	47 U

Client Sample ID:	S-EP-2
Sample Depth:	10.5'
Sampling Date:	5/16/2014
Benzo(a)anthracene	77.4 U
Benzo(a)pyrene	77.4 U
Benzo(b)fluoranthene	77.4 U
Benzo(k)fluoranthene	77.4 U
Chrysene	77.4 U
Dibenzo(a,h)anthracene	77.4 U
Indeno(1,2,3-cd)Pyrene	77.4 U

Client Sample ID:	1-SW-7
Sample Depth:	1'
Sampling Date:	1/18/2013
Benzo(a)anthracene	900 U
Benzo(a)pyrene	900 U
Benzo(b)fluoranthene	900 U
Benzo(k)fluoranthene	900 U
Chrysene	900 U
Dibenzo(a,h)anthracene	900 U
Indeno(1,2,3-cd)Pyrene	900 U

Client Sample ID:	1-SW-6
Sample Depth:	1'
Sampling Date:	1/18/2013
Benzo(a)anthracene	950 U
Benzo(a)pyrene	950 U
Benzo(b)fluoranthene	950 U
Benzo(k)fluoranthene	950 U
Chrysene	950 U
Dibenzo(a,h)anthracene	950 U
Indeno(1,2,3-cd)Pyrene	950 U

Client Sample ID:	6-SW-1
Sample Depth:	1.5'
Sampling Date:	1/18/2013
Benzo(a)anthracene	190 U
Benzo(a)pyrene	250 J
Benzo(b)fluoranthene	340 J
Benzo(k)fluoranthene	190 U
Chrysene	210 J
Dibenzo(a,h)anthracene	190 U
Indeno(1,2,3-cd)Pyrene	190 U

Client Sample ID:	6-SW-2
Sample Depth:	1.5'
Sampling Date:	1/18/2013
Benzo(a)anthracene	195 U
Benzo(a)pyrene	195 U
Benzo(b)fluoranthene	230 J
Benzo(k)fluoranthene	195 U
Chrysene	195 U
Dibenzo(a,h)anthracene	195 U
Indeno(1,2,3-cd)Pyrene	195 U

Client Sample ID:	6-EP-1
Sample Depth:	2'
Sampling Date:	1/18/2013
Benzo(a)anthracene	310 J
Benzo(a)pyrene	340 J
Benzo(b)fluoranthene	560
Benzo(k)fluoranthene	230 J
Chrysene	440
Dibenzo(a,h)anthracene	190 U
Indeno(1,2,3-cd)Pyrene	190 U

Client Sample ID:	6-SW-3
Sample Depth:	2'
Sampling Date:	1/18/2013
Benzo(a)anthracene	290 J
Benzo(a)pyrene	260 J
Benzo(b)fluoranthene	440
Benzo(k)fluoranthene	190 U
Chrysene	350 J
Dibenzo(a,h)anthracene	190 U
Indeno(1,2,3-cd)Pyrene	260 J

Client Sample ID:	S-EPSW-1
Sample Depth:	10.5'
Sampling Date:	5/16/2014
Benzo(a)anthracene	210 J
Benzo(a)pyrene	180 J
Benzo(b)fluoranthene	200 J
Benzo(k)fluoranthene	57.6 U
Chrysene	180 J
Dibenzo(a,h)anthracene	57.6 U
Indeno(1,2,3-cd)Pyrene	57.6 U

Client Sample ID:	S-SW-1
Sample Depth:	6'
Sampling Date:	5/16/2014
Benzo(a)anthracene	39.4 U
Benzo(a)pyrene	39.4 U
Benzo(b)fluoranthene	39.4 U
Benzo(k)fluoranthene	39.4 U
Chrysene	39.4 U
Dibenzo(a,h)anthracene	39.4 U
Indeno(1,2,3-cd)Pyrene	39.4 U

Client Sample ID:	LT-T-012					
Sample Depth:	0-2'		2-4'		4-6'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Benzo(a)anthracene	66	J	3.4	U	64	J
Benzo(a)pyrene	74	J	8.9	J	50	J
Benzo(b)fluoranthene	120	J	13	J	77	J
Benzo(k)fluoranthene	36	J	11	J	29	J
Chrysene	76	J	12	J	71	J
Dibenzo(a,h)anthracene	2.2	U	2.3	U	2.3	U
Indeno(1,2,3-cd)Pyrene	34	J	5.5	U	16	J

Client Sample ID:	PA-12		
Sample Depth:	0.5-1'	3-3.5'	6-7
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Benzo(a)anthracene	ND	639	ND
Benzo(a)pyrene	ND	1,220	ND
Benzo(b)fluoranthene	ND	392	ND
Benzo(k)fluoranthene	ND	115	ND
Chrysene	ND	2,550	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	105	ND

Client Sample ID:	LT-C-055					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/10/2014		2/10/2014		2/10/2014	
Benzo(a)anthracene	280		29	J	3.5	U
Benzo(a)pyrene	270		4.4	U	4.8	U
Benzo(b)fluoranthene	290		3.5	U	3.9	U
Benzo(k)fluoranthene	120	J	2.0	U	2.2	U
Chrysene	290		22	J	2.0	U
Dibenzo(a,h)anthracene	44	J	2.1	U	2.4	U
Indeno(1,2,3-cd)Pyrene	200		67	J	5.5	U

Client Sample ID:	PA-08		
Sample Depth:	0.5-1'	6-7'	8-9'
Sampling Date:	11/5/2003	11/5/2003	11/5/2003
Benzo(a)anthracene	1,960	ND	2,020
Benzo(a)pyrene	1,970	ND	1,960
Benzo(b)fluoranthene	1,760	ND	1,900
Benzo(k)fluoranthene	1,900	ND	1,660
Chrysene	2,200	ND	2,370
Dibenzo(a,h)anthracene	392	ND	ND
Indeno(1,2,3-cd)Pyrene	752	ND	1,016

Client Sample ID:	LT-T-010					
Sample Depth:	0-2'		2-4'		7-8.5'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Benzo(a)anthracene	340	J	240	J	3.2	U
Benzo(a)pyrene	440	J	350	J	10	J
Benzo(b)fluoranthene	730	J	540	J	12	J
Benzo(k)fluoranthene	300	J	170	J	11	J
Chrysene	370	J	240	J	9.3	J
Dibenzo(a,h)anthracene	10	U	11	U	2.2	U
Indeno(1,2,3-cd)Pyrene	170	J	110	J	5.1	U

Client Sample ID:	S-SW-2
Sample Depth:	6'
Sampling Date:	5/16/2014
Benzo(a)anthracene	960
Benzo(a)pyrene	710
Benzo(b)fluoranthene	990
Benzo(k)fluoranthene	300 J
Chrysene	990
Dibenzo(a,h)anthracene	39.2 U
Indeno(1,2,3-cd)Pyrene	280 J

Client Sample ID:	PA-09		
Sample Depth:	0.5-1'	2-3'	6-7'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003
Benzo(a)anthracene	275	160	ND
Benzo(a)pyrene	483	167	ND
Benzo(b)fluoranthene	466	155	ND
Benzo(k)fluoranthene	354	168	ND
Chrysene	505	211	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	65	ND

Client Sample ID:	LT-T-011					
Sample Depth:	0-2'		2-4'		6.5-8'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Benzo(a)anthracene	370	J	4,200	J	87	J
Benzo(a)pyrene	440	J	3,900	J	75	J
Benzo(b)fluoranthene	630	J	7,200	J	120	J
Benzo(k)fluoranthene	370	J	3,100	J	55	J
Chrysene	500	J	4,800	J	82	J
Dibenzo(a,h)anthracene	22	U	11	U	2.2	U
Indeno(1,2,3-cd)Pyrene	180	J	1,200	J	28	J

Post Remedial Sample Location Descriptions

Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1; May 2004.

10/30/2003 through 11/11/2003

- Test Pit Location

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- TOGS Boring Location
- Confirmation Sampling Location
- Utility & Confirmation Boring Location
- Geotechnical Test Pit Location

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report - May 2015

4/22/2014

- Remedial Endpoint Location

D&B, Construction Completion Report; February 2016

1/18/2013 through 8/4/2014

- Remedial Endpoint Location

PWGC
Strategic Environmental and Engineering Solutions
P.W. GROSSER CONSULTING, INC.
630 Johnson Avenue. • Suite 7
Bohemia • NY • 11716-2618
Phone: (631) 589-6353 • Fax: (631) 589-8705
E-mail: INFO@PWGROSSER.COM

LI TUNGSTEN PARCEL A (WEST) SVOCs

GLEN ISLE

0 10 20 30 40 Feet

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DRAWING PREPARED FOR:

Soil

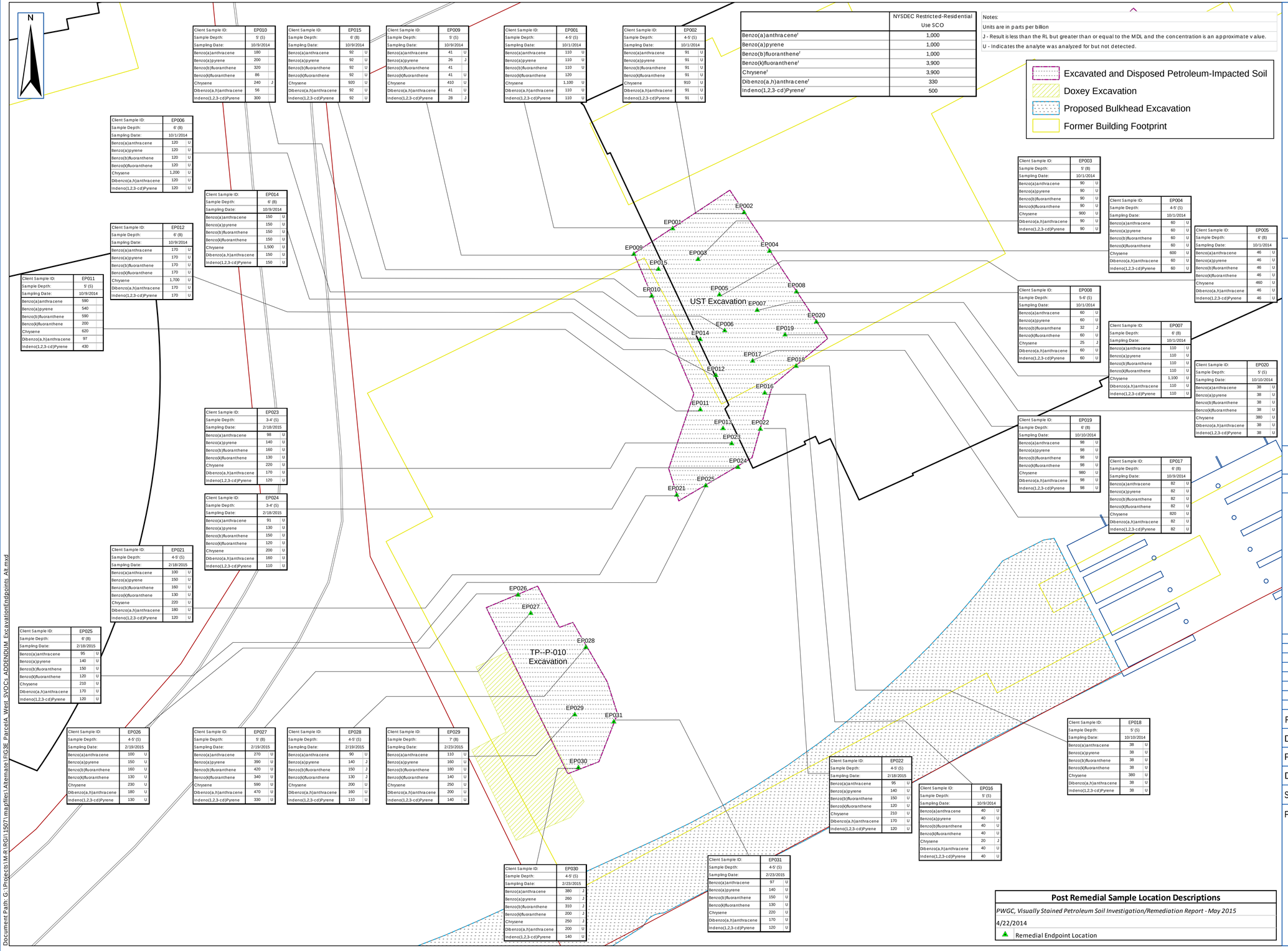
- Exceeds RRUSCO

- Property Boundary
- Curbline
- Proposed Bulkhead Excavation
- Excavation performed as part of Doxey Remediation
- Former Building Footprint
- Petroleum Excavation
- Proposed Building

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE
FIGURE NO:	3D		

Document Path: G:\Projects\66 RIPGI\1507\maps\ArcMap\HSZ\D_Parcel A_West_SVOCs_All.mxd



	NYSDEC Restricted-Residential Use SCO
Benzo(a)anthracene[f]	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene[f]	1,000
Benzo(k)fluoranthene[f]	3,900
Chrysene[f]	3,900
Dibenzo(a,h)anthracene[f]	330
Indeno(1,2,3-cd)Pyrene[f]	500

Notes:
Units are in parts per billion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.

Client Sample ID:	EP010	
Sample Depth:	5' (S)	
Sampling Date:	10/9/2014	
Benzo(a)anthracene	180	
Benzo(a)pyrene	200	
Benzo(b)fluoranthene	320	
Benzo(k)fluoranthene	86	
Chrysene	240	J
Dibenzo(a,h)anthracene	56	
Indeno(1,2,3-cd)Pyrene	300	

Client Sample ID:	EP015	
Sample Depth:	6' (B)	
Sampling Date:	10/9/2014	
Benzo(a)anthracene	92	U
Benzo(a)pyrene	92	U
Benzo(b)fluoranthene	92	U
Benzo(k)fluoranthene	92	U
Chrysene	920	U
Dibenzo(a,h)anthracene	92	U
Indeno(1,2,3-cd)Pyrene	92	U

Client Sample ID:	EP009	
Sample Depth:	5' (S)	
Sampling Date:	10/9/2014	
Benzo(a)anthracene	41	U
Benzo(a)pyrene	26	J
Benzo(b)fluoranthene	41	
Benzo(k)fluoranthene	41	U
Chrysene	410	U
Dibenzo(a,h)anthracene	41	U
Indeno(1,2,3-cd)Pyrene	28	J

Client Sample ID:	EP001	
Sample Depth:	4-5' (S)	
Sampling Date:	10/1/2014	
Benzo(a)anthracene	110	U
Benzo(a)pyrene	110	U
Benzo(b)fluoranthene	110	U
Benzo(k)fluoranthene	120	
Chrysene	1,100	U
Dibenzo(a,h)anthracene	110	U
Indeno(1,2,3-cd)Pyrene	110	U

Client Sample ID:	EP002	
Sample Depth:	4-5' (S)	
Sampling Date:	10/1/2014	
Benzo(a)anthracene	91	U
Benzo(a)pyrene	91	U
Benzo(b)fluoranthene	91	U
Benzo(k)fluoranthene	91	U
Chrysene	910	U
Dibenzo(a,h)anthracene	91	U
Indeno(1,2,3-cd)Pyrene	91	U

Client Sample ID:	EP006	
Sample Depth:	6' (B)	
Sampling Date:	10/1/2014	
Benzo(a)anthracene	120	U
Benzo(a)pyrene	120	U
Benzo(b)fluoranthene	120	U
Benzo(k)fluoranthene	120	U
Chrysene	1,200	U
Dibenzo(a,h)anthracene	120	U
Indeno(1,2,3-cd)Pyrene	120	U

Client Sample ID:	EP014	
Sample Depth:	6' (B)	
Sampling Date:	10/9/2014	
Benzo(a)anthracene	150	U
Benzo(a)pyrene	150	U
Benzo(b)fluoranthene	150	U
Benzo(k)fluoranthene	150	U
Chrysene	1,500	U
Dibenzo(a,h)anthracene	150	U
Indeno(1,2,3-cd)Pyrene	150	U

Client Sample ID:	EP012	
Sample Depth:	6' (B)	
Sampling Date:	10/9/2014	
Benzo(a)anthracene	170	U
Benzo(a)pyrene	170	U
Benzo(b)fluoranthene	170	U
Benzo(k)fluoranthene	170	U
Chrysene	1,700	U
Dibenzo(a,h)anthracene	170	U
Indeno(1,2,3-cd)Pyrene	170	U

Client Sample ID:	EP011	
Sample Depth:	5' (S)	
Sampling Date:	10/9/2014	
Benzo(a)anthracene	590	
Benzo(a)pyrene	540	
Benzo(b)fluoranthene	590	
Benzo(k)fluoranthene	200	
Chrysene	620	
Dibenzo(a,h)anthracene	97	
Indeno(1,2,3-cd)Pyrene	430	

Client Sample ID:	EP003	
Sample Depth:	5' (B)	
Sampling Date:	10/1/2014	
Benzo(a)anthracene	90	U
Benzo(a)pyrene	90	U
Benzo(b)fluoranthene	90	U
Benzo(k)fluoranthene	90	U
Chrysene	900	U
Dibenzo(a,h)anthracene	90	U
Indeno(1,2,3-cd)Pyrene	90	U

Client Sample ID:	EP004	
Sample Depth:	4-5' (S)	
Sampling Date:	10/1/2014	
Benzo(a)anthracene	60	U
Benzo(a)pyrene	60	U
Benzo(b)fluoranthene	60	U
Benzo(k)fluoranthene	60	U
Chrysene	600	U
Dibenzo(a,h)anthracene	60	U
Indeno(1,2,3-cd)Pyrene	60	U

Client Sample ID:	EP005	
Sample Depth:	6' (B)	
Sampling Date:	10/1/2014	
Benzo(a)anthracene	46	U
Benzo(a)pyrene	46	U
Benzo(b)fluoranthene	46	U
Benzo(k)fluoranthene	46	U
Chrysene	460	U
Dibenzo(a,h)anthracene	46	U
Indeno(1,2,3-cd)Pyrene	46	U

Client Sample ID:	EP008	
Sample Depth:	5-6' (S)	
Sampling Date:	10/1/2014	
Benzo(a)anthracene	60	U
Benzo(a)pyrene	60	U
Benzo(b)fluoranthene	32	J
Benzo(k)fluoranthene	60	U
Chrysene	25	J
Dibenzo(a,h)anthracene	60	U
Indeno(1,2,3-cd)Pyrene	60	U

Client Sample ID:	EP007	
Sample Depth:	6' (B)	
Sampling Date:	10/1/2014	
Benzo(a)anthracene	110	U
Benzo(a)pyrene	110	U
Benzo(b)fluoranthene	110	U
Benzo(k)fluoranthene	110	U
Chrysene	1,100	U
Dibenzo(a,h)anthracene	110	U
Indeno(1,2,3-cd)Pyrene	110	U

Client Sample ID:	EP020	
Sample Depth:	5' (S)	
Sampling Date:	10/10/2014	
Benzo(a)anthracene	38	U
Benzo(a)pyrene	38	U
Benzo(b)fluoranthene	38	U
Benzo(k)fluoranthene	38	U
Chrysene	380	U
Dibenzo(a,h)anthracene	38	U
Indeno(1,2,3-cd)Pyrene	38	U

Client Sample ID:	EP019	
Sample Depth:	6' (B)	
Sampling Date:	10/10/2014	
Benzo(a)anthracene	98	U
Benzo(a)pyrene	98	U
Benzo(b)fluoranthene	98	U
Benzo(k)fluoranthene	98	U
Chrysene	980	U
Dibenzo(a,h)anthracene	98	U
Indeno(1,2,3-cd)Pyrene	98	U

Client Sample ID:	EP017	
Sample Depth:	6' (B)	
Sampling Date:	10/9/2014	
Benzo(a)anthracene	82	U
Benzo(a)pyrene	82	U
Benzo(b)fluoranthene	82	U
Benzo(k)fluoranthene	82	U
Chrysene	820	U
Dibenzo(a,h)anthracene	82	U
Indeno(1,2,3-cd)Pyrene	82	U

Client Sample ID:	EP023	
Sample Depth:	3-4' (S)	
Sampling Date:	2/18/2015	
Benzo(a)anthracene	98	U
Benzo(a)pyrene	140	U
Benzo(b)fluoranthene	160	U
Benzo(k)fluoranthene	130	U
Chrysene	220	U
Dibenzo(a,h)anthracene	170	U
Indeno(1,2,3-cd)Pyrene	120	U

Client Sample ID:	EP024	
Sample Depth:	3-4' (S)	
Sampling Date:	2/18/2015	
Benzo(a)anthracene	91	U
Benzo(a)pyrene	130	U
Benzo(b)fluoranthene	150	U
Benzo(k)fluoranthene	120	U
Chrysene	200	U
Dibenzo(a,h)anthracene	160	U
Indeno(1,2,3-cd)Pyrene	110	U

Client Sample ID:	EP021	
Sample Depth:	4-5' (S)	
Sampling Date:	2/18/2015	
Benzo(a)anthracene	100	U
Benzo(a)pyrene	150	U
Benzo(b)fluoranthene	160	U
Benzo(k)fluoranthene	130	U
Chrysene	220	U
Dibenzo(a,h)anthracene	180	U
Indeno(1,2,3-cd)Pyrene	120	U

Client Sample ID:	EP025	
Sample Depth:	6' (B)	
Sampling Date:	2/18/2015	
Benzo(a)anthracene	95	U
Benzo(a)pyrene	140	U
Benzo(b)fluoranthene	150	U
Benzo(k)fluoranthene	120	U
Chrysene	210	U
Dibenzo(a,h)anthracene	170	U
Indeno(1,2,3-cd)Pyrene	120	U

Client Sample ID:	EP026	
Sample Depth:	4-5' (S)	
Sampling Date:	2/19/2015	
Benzo(a)anthracene	100	U
Benzo(a)pyrene	150	U
Benzo(b)fluoranthene	160	U
Benzo(k)fluoranthene	130	U
Chrysene	230	U
Dibenzo(a,h)anthracene	180	U
Indeno(1,2,3-cd)Pyrene	130	U

Client Sample ID:	EP027	
Sample Depth:	5' (B)	
Sampling Date:	2/19/2015	
Benzo(a)anthracene	270	U
Benzo(a)pyrene	390	U
Benzo(b)fluoranthene	420	U
Benzo(k)fluoranthene	340	U
Chrysene	590	U
Dibenzo(a,h)anthracene	470	U
Indeno(1,2,3-cd)Pyrene	330	U

Client Sample ID:	EP028	
Sample Depth:	4-5' (S)	
Sampling Date:	2/19/2015	
Benzo(a)anthracene	90	U
Benzo(a)pyrene	140	J
Benzo(b)fluoranthene	150	J
Benzo(k)fluoranthene	130	J
Chrysene	200	U
Dibenzo(a,h)anthracene	160	U
Indeno(1,2,3-cd)Pyrene	110	U

Client Sample ID:	EP029	
Sample Depth:	7' (B)	
Sampling Date:	2/23/2015	
Benzo(a)anthracene	110	U
Benzo(a)pyrene	160	U
Benzo(b)fluoranthene	180	U
Benzo(k)fluoranthene	140	U
Chrysene	250	U
Dibenzo(a,h)anthracene	200	U
Indeno(1,2,3-cd)Pyrene	140	U

Client Sample ID:	EP030	
Sample Depth:	4-5' (S)	
Sampling Date:	2/23/2015	
Benzo(a)anthracene	380	J
Benzo(a)pyrene	260	J
Benzo(b)fluoranthene	310	J
Benzo(k)fluoranthene	200	J
Chrysene	250	J
Dibenzo(a,h)anthracene	200	U
Indeno(1,2,3-cd)Pyrene	140	U

Client Sample ID:	EP031	
Sample Depth:	4-5' (S)	
Sampling Date:	2/23/2015	
Benzo(a)anthracene	97	U
Benzo(a)pyrene	140	U
Benzo(b)fluoranthene	150	U
Benzo(k)fluoranthene	130	U
Chrysene	220	U
Dibenzo(a,h)anthracene	170	U
Indeno(1,2,3-cd)Pyrene	120	U

Client Sample ID:	EP022	
Sample Depth:	4-5' (S)	
Sampling Date:	2/18/2015	
Benzo(a)anthracene	95	U
Benzo(a)pyrene	140	U
Benzo(b)fluoranthene	150	U
Benzo(k)fluoranthene	120	U
Chrysene	210	U
Dibenzo(a,h)anthracene	170	U
Indeno(1,2,3-cd)Pyrene	120	U

Client Sample ID:	EP016	
Sample Depth:	5' (S)	
Sampling Date:	10/9/2014	
Benzo(a)anthracene	40	U
Benzo(a)pyrene	40	U
Benzo(b)fluoranthene	40	U
Benzo(k)fluoranthene	40	U
Chrysene	20	J
Dibenzo(a,h)anthracene	40	U
Indeno(1,2,3-cd)Pyrene	40	U

Client Sample ID:	EP018	
Sample Depth:	5' (S)	
Sampling Date:	10/10/2014	
Benzo(a)anthracene	38	U
Benzo(a)pyrene	38	U
Benzo(b)fluoranthene	38	U
Benzo(k)fluoranthene	38	U
Chrysene	380	U
Dibenzo(a,h)anthracene	38	U
Indeno(1,2,3-cd)Pyrene	38	U

Post Remedial Sample Location Descriptions

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report - May 2015

4/22/2014

Remedial Endpoint Location

PWGC
Strategic Environmental and Engineering Solutions
P.W. GROSSER CONSULTING, INC.
630 Johnson Avenue. • Suite 7
Bohemia • NY • 11716-2618
Phone: (631) 589-6353 • Fax: (631) 589-8705
E-mail: INFO@PWGROSSER.COM

Addendum: PARCEL A (WEST) SVOCs (EXCAVATION ENDPOINTS)

GLEN ISLE

0 20 40 60 80 Feet

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING AND RELATED DOCUMENTS IS A VIOLATION OF SEC. 7209 OF THE N.Y.S. EDUCATION LAW

DRAWING PREPARED FOR:

Soil

Exceeds RRUSCO

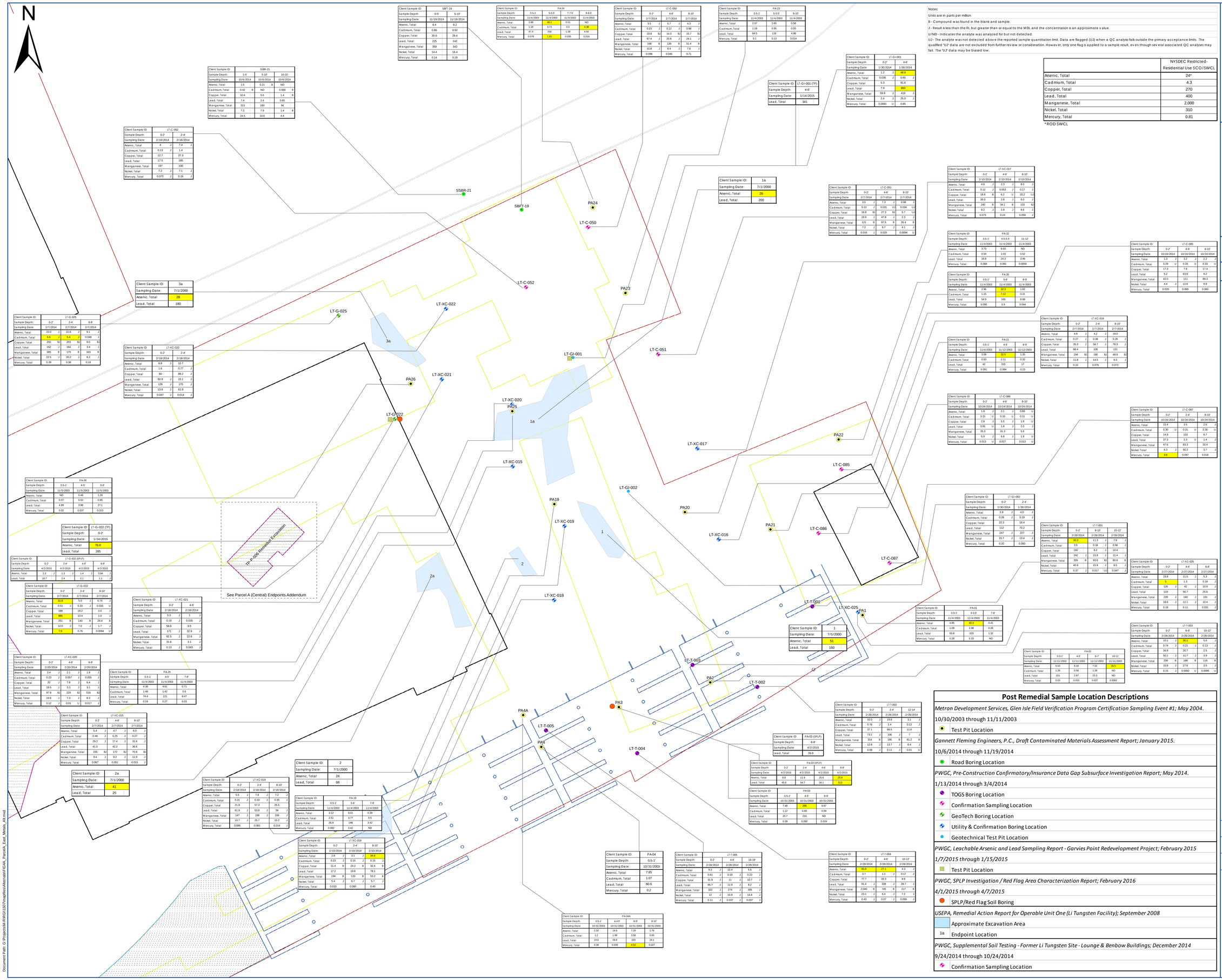
REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

FIGURE NO: 3E

Document Path: G:\Projects\M-R\RGI\11507\maps\Alternate\FCSE_ParcelA_West_SVOCs_ADDENDUM_ExcavationEndpoints_Alt.mxd



Client Sample ID:	SBFT-19	
Sample Depth:	0-5'	5-10'
Sampling Date:	11/18/2014	11/18/2014
Arsenic, Total	8.4	8.2
Cadmium, Total	0.86	0.92
Copper, Total	30.6	28.4
Lead, Total	225	242
Manganese, Total	359	343
Nickel, Total	14.4	16.4
Mercury, Total	0.14	0.19

Client Sample ID:	PA-24			
Sample Depth:	0.5-1'	5-5.5'	7-7.5'	8-8.5'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Arsenic, Total	2.88	49.1	0.51	ND
Cadmium, Total	1.19	3.71	0.5	4.38
Lead, Total	47.4	200	1.28	4.92
Mercury, Total	0.078	1.91	0.036	0.016

Client Sample ID:	LT-C-050			
Sample Depth:	0-2'		4-6'	8-10'
Sampling Date:	2/7/2014		2/7/2014	2/7/2014
Arsenic, Total	3.5	J	5.7 J	4.3 J
Cadmium, Total	0.23	J	0.12 J	0.98 J
Copper, Total	19.8	BJ	14.0 BJ	15.7 BJ
Lead, Total	67.4	J	20.6 J	24.1 J
Manganese, Total	198	B	139 B	51.4 B
Nickel, Total	10.8	J	8.4 J	7.8 J
Mercury, Total	0.096		0.046	0.71

Client Sample ID:	PA-23		
Sample Depth:	0.5-1'	5-5.5'	8-10'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Arsenic, Total	2.37	2.65	0.58
Cadmium, Total	1.18	0.95	0.55
Lead, Total	64.5	116	4.98
Mercury, Total	0.1	0.13	0.014

Notes:

Units are in parts per million

B - Compound was found in the blank and sample.

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U/ND - Indicates the analyte was analyzed for but not detected.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL

Client Sample ID:	SSBR-21			
Sample Depth:	1-5'		5-10'	10-15'
Sampling Date:	10/6/2014		10/6/2014	10/6/2014
Arsenic, Total	1.5		0.21 B	ND
Cadmium, Total	0.42	B	ND	0.069 B
Copper, Total	10.4		5.6	1.4 B
Lead, Total	7.4		2.4	0.65
Manganese, Total	313		160	94
Nickel, Total	7.3		7.9	1.4 B
Mercury, Total	24.5		14.6	4.4

Client Sample ID:	LT-C-052		
Sample Depth:	0-2'		2-4'
Sampling Date:	2/18/2014		2/18/2014
Arsenic, Total	4	J	7.4 J
Cadmium, Total	0.13	J	1.4
Copper, Total	12.7		37.3
Lead, Total	17.5		185
Manganese, Total	197		100
Nickel, Total	7.2	J	7.1 J
Mercury, Total	0.072	J	0.16 J

Client Sample ID:	LT-GI-001 (TP)
Sample Depth:	4-6'
Sampling Date:	1/14/2015
Lead, Total	341

Client Sample ID:	LT-GI-001		
Sample Depth:	0-2'		4-6'
Sampling Date:	1/30/2014		1/30/2014
Arsenic, Total	1.7	J	46.9
Cadmium, Total	0.036	J	0.65 J
Copper, Total	5.3		91.6
Lead, Total	7.9		892
Manganese, Total	59.9	J	416 J
Nickel, Total	2.4	J	25.0 J
Mercury, Total	0.0061	U	0.65

Client Sample ID:	1a
Sampling Date:	7/1/2000
Arsenic, Total	26
Lead, Total	200

Client Sample ID:	LT-C-051		
Sample Depth:	0-2'		4-6'	8-10'
Sampling Date:	2/7/2014		2/7/2014	2/7/2014
Arsenic, Total	3.5	J	7.3 J	0.98 J
Cadmium, Total	0.13	J	0.031 UJ	0.034 UJ
Copper, Total	16.8	BJ	27.3 BJ	5.7 UJ
Lead, Total	19.9	J	47.8 J	2.3 J
Manganese, Total	121	B	97.5 B	26.4 B
Nickel, Total	7.2	J	8.7 J	4.1 J
Mercury, Total	0.016	J	0.025	0.0094 U

Client Sample ID:	3a
Sampling Date:	7/1/2000
Arsenic, Total	28
Lead, Total	180

Client Sample ID:	LT-G-025					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/7/2014		2/7/2014		2/7/2014	
Arsenic, Total	23.0	J	22.6	J	9.1	J
Cadmium, Total	4.6	J	5.4	J	0.048	J
Copper, Total	202	BJ	203	BJ	9.0	BJ
Lead, Total	162	J	164	J	3.4	J
Manganese, Total	365	B	179	B	163	B
Nickel, Total	22.5	J	20.2	J	8.2	J
Mercury, Total	0.39		0.38		0.18	

Client Sample ID:	LT-XC-022		
Sample Depth:	0-2'		2-4'
Sampling Date:	2/18/2014		2/18/2014
Arsenic, Total	6.8	J	10.7
Cadmium, Total	1.6		0.77 J
Copper, Total	60		89.2 J
Lead, Total	50.9	J	15.1 J
Manganese, Total	126	J	175 J
Nickel, Total	13.8	J	61.9
Mercury, Total	0.047	J	0.014 J

Client Sample ID:	PA-26		
Sample Depth:	0.5-1'		4-5'	5-6'
Sampling Date:	11/5/2003		11/5/2003	11/5/2003
Arsenic, Total	ND		0.46	1.29
Cadmium, Total	0.37		0.52	0.85
Lead, Total	4.99		3.96	27.1
Mercury, Total	0.02		0.037	0.013

Client Sample ID:	LT-G-022 (TP)
Sample Depth:	0-2'
Sampling Date:	1/14/2015
Arsenic, Total	76.6
Lead, Total	285

Client Sample ID:	LT-G-022 (SPLP)					
Sample Depth:	0-2'		2-4'		4-6'	
Sampling Date:	4/2/2015		4/2/2015		4/2/2015	
Arsenic, Total	2.3	J	1.3	J	1.4	J
Lead, Total	16.7		2.4		2.1	

Client Sample ID:	LT-G-022			
Sample Depth:	0-2'		2-4'	8-10'
Sampling Date:	2/7/2014		2/7/2014	2/7/2014
Arsenic, Total	31.8		5.0 J	0.74 J
Cadmium, Total	0.51	J	0.33 J	0.033 U
Copper, Total	189		18.2	2.0 J
Lead, Total	885		13.4	1.0 J
Manganese, Total	251	B	140 B	29.4 B
Nickel, Total	12.0	J	7.0 J	1.7 J
Mercury, Total	7.9		0.76	0.0094 U

Client Sample ID:	LT-XC-021	
Sample Depth:	0-2'	4-6'
Sampling Date:	2/18/2014	2/18/2014
Arsenic, Total	5.3 J	1 J
Cadmium, Total	0.19 J	0.035 J
Copper, Total	58.8	9.5
Lead, Total	171 J	32.9 J
Manganese, Total	92.5 J	22.9 J
Nickel, Total	31.6	3.1 J
Mercury, Total	0.13 J	0.043 J

Client Sample ID:	LT-XC-020			
Sample Depth:	0-2'		4-6'	6-8'
Sampling Date:	2/20/2014		2/20/2014	2/20/2014
Arsenic, Total	3.4	J	2.1 J	1.9 J
Cadmium, Total	0.23	J	0.057 J	0.056 J
Copper, Total	20	J	7.8 J	6.4 J
Lead, Total	19.5	J	3.3 J	3.1 J
Manganese, Total	97.9	BJ	229 BJ	516 BJ
Nickel, Total	14.6	J	7.3 J	8.3 J
Mercury, Total	0.12	J	0.01 U	0.017 J

Client Sample ID:	PA-25		
Sample Depth:	0.5-1'	4-5'	7-8'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Arsenic, Total	4.38	4.61	0.71
Cadmium, Total	1.48	1.42	0.6
Lead, Total	74.4	121	8.47
Mercury, Total	0.19	0.27	0.03

Client Sample ID:	LT-XC-015			
Sample Depth:	0-2'		4-6'	8-10'
Sampling Date:	2/7/2014		2/7/2014	2/7/2014
Arsenic, Total	5.4	J	4.7 J	6.0 J
Cadmium, Total	0.46	J	0.25 J	0.27 J
Copper, Total	29.2	J	17.4 J	31.6 J
Lead, Total	41.5		42.2	36.6
Manganese, Total	155	BJ	172 BJ	70.8 BJ
Nickel, Total	9.4	J	9.2 J	11.9 J
Mercury, Total	0.067		0.051	0.011 J

Client Sample ID:	2a
Sampling Date:	7/1/2000
Arsenic, Total	41
Lead, Total	25

Client Sample ID:	LT-XC-019		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/18/2014	2/18/2014	2/18/2014
Arsenic, Total	5.5 J	7.8 J	7.2 J
Cadmium, Total	0.31 J	0.33 J	0.35 J
Copper, Total	21.9	57.3	25.5
Lead, Total	61.9 J	53.8 J	58 J
Manganese, Total	147 J	198 J	156 J
Nickel, Total	10.7 J	25.7	10.2 J
Mercury, Total	0.085	0.081	0.014 J

Client Sample ID:	2
Sampling Date:	7/1/2000
Arsenic, Total	24
Lead, Total	68

Client Sample ID:	PA-19		
Sample Depth:	0.5-1'	5-6'	7-8'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Arsenic, Total	3.12	9.01	0.39
Cadmium, Total	2.51	3.77	0.5
Lead, Total	26.9	148	3.42
Mercury, Total	0.062	0.42	ND

Client Sample ID:	LT-XC-018		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/10/2014	2/10/2014	2/10/2014
Arsenic, Total	2.8 J	3.1 J	34.4
Cadmium, Total	0.23 J	0.15 J	0.15 J
Copper, Total	11.4 B	24.2 B	32.4 B
Lead, Total	17.2	19.6	78.1
Manganese, Total	194 B	133 B	53.2 B
Nickel, Total	5.4 J	6.7 J	5.7 J
Mercury, Total	0.031	0.060	0.40

Client Sample ID:	1
Sampling Date:	7/1/2000
Arsenic, Total	51
Lead, Total	160

Client Sample ID:	PA-01		
Sample Depth:	0.5-1'	3-3.5'	7-8'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Arsenic, Total	4.85	40.3	0.41
Cadmium, Total	1.09	1.98	0.26
Lead, Total	53.6	103	1.32
Mercury, Total	0.28	0.33	ND

Client Sample ID:	LT-T-002			
Sample Depth:	0-2'		2-4'	12-14'
Sampling Date:	2/28/2014		2/28/2014	2/28/2014
Arsenic, Total	10.5	J	19.8	3.1 J
Cadmium, Total	0.76	J	1.4	0.12 J
Copper, Total	37.1		69.5	11.6
Lead, Total	73.1	J	106	J 7 J
Manganese, Total	314	B	195	B 81.2 B
Nickel, Total	12.8	J	13.7	J 8.4 J
Mercury, Total	0.08	J	0.11	J 0.01 U

Client Sample ID:	PA-03 (SPLP)
Sample Depth:	6-8'
Sampling Date:	4/2/2015
Lead, Total	26.9

Client Sample ID:	PA-03 (SPLP)			
Sample Depth:	0-2'		2-4'	4-6'
Sampling Date:	4/2/2015		4/2/2015	4/2/2015
Arsenic, Total	8.8		11.9	20.6
Lead, Total	45.6		54.7	34.1

Client Sample ID:	PA-03		
Sample Depth:	0.5-1'	4-5'	8-9'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Arsenic, Total	7.48	295	9.67
Cadmium, Total	1.12	0.65	0.59
Lead, Total	20.7	216	ND
Mercury, Total	0.39	0.092	0.024

Client Sample ID:	PA-04
Sample Depth:	0.5-1'
Sampling Date:	10/31/2003
Arsenic, Total	7.85
Cadmium, Total	1.07
Lead, Total	60.6
Mercury, Total	0.2

Client Sample ID:	LT-T-005		
Sample Depth:	0-2'	4-6'	16-19'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Arsenic, Total	9.3 J	12.4	5.6 J
Cadmium, Total	0.61 J	0.19 J	0.23 J
Copper, Total	31.9 J	11 J	10.7 J
Lead, Total	65.7 J	11.9 J	8.2 J
Manganese, Total	322 J	274 J	305 J
Nickel, Total	12 J	10.9 J	14.4 J
Mercury, Total	0.11 J	0.037 J	0.037 J

Client Sample ID:	LT-T-004		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Arsenic, Total	60.8	27.1	4.3 J
Cadmium, Total	3.7	1.1 J	0.17 J
Copper, Total	77.7	33.3	8.6
Lead, Total	91.4 J	339 J	29.7 J
Manganese, Total	2,040 B	745 B	217 B
Nickel, Total	23.1 J	6.4 J	7.2 J
Mercury, Total	0.43 J	0.07 J	0.059 J

Client Sample ID:	PA-04A			
Sample Depth:	0.5-1'	4-4.5'	8-9'	9-10'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003	10/31/2003
Arsenic, Total	2.32	14.6	7.29	1.76
Cadmium, Total	1.2	1.98	3.58	0.65
Lead, Total	14.6	28.9	220	24.1
Mercury, Total	0.38	0.099	4.53	0.027

Client Sample ID:	LT-T-003		
Sample Depth:	0-2'	6-8'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Arsenic, Total	10.1 J	35.1	5.6 J
Cadmium, Total	0.74 J	0.21 J	0.13 J
Copper, Total	34.8	20.7	2.5 J
Lead, Total	50.1 J	11.7 J	3.9 J
Manganese, Total	206 B	188 B	116 B
Nickel, Total	10.8 J	27.6	3.5 J
Mercury, Total	0.15 J	0.0092 U	0.0095 U

Client Sample ID:	PA-02			
Sample Depth:	0.5-1'	4-5'	6-7'	10-11'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003	11/11/2003
Arsenic, Total	5.53	4.18	7.02	34.5
Cadmium, Total	1.28	0.58	1.28	ND
Lead, Total	101	2.87	23.3	ND
Mercury, Total	0.03	0.015	0.037	0.0062

Client Sample ID:	LT-T-001			
Sample Depth:	0-2'		8-10'	10-12'
Sampling Date:	2/28/2014		2/28/2014	2/28/2014
Arsenic, Total	30.3		11.3 J	7.9 J
Cadmium, Total	3.5		0.34 J	0.56 J
Copper, Total	192		8.2 J	10.4
Lead, Total	242	J	15.9 J	11.4 J
Manganese, Total	326	B	93.6 BJ	60.9 B
Nickel, Total	40.9		15.9 J	8.5 J
Mercury, Total	0.37	J	0.017 UJ	0.047 J

Client Sample ID:	LT-GI-002	
Sample Depth:	0-2'	2-4'
Sampling Date:	1/30/2014	1/30/2014
Arsenic, Total	2.9 J	4.0 J
Cadmium, Total	0.26 J	0.19 J
Copper, Total	22.3	18.4
Lead, Total	112	70.2
Manganese, Total	247 J	227 J
Nickel, Total	15.7 J	13.4 J
Mercury, Total	0.20	0.093

Client Sample ID:	LT-C-085		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Arsenic, Total	1.9 J	3.1 J	0.89 U
Cadmium, Total	0.31 U	0.33 U	0.31 U
Copper, Total	2.8 J	5.5 J	1.9 U
Lead, Total	0.91 U	1.8 J	1.0 J
Manganese, Total	25.3	31.3	5.6
Nickel, Total	5.9 J	6.8 J	1.9 U
Mercury, Total	0.013 U	0.027	0.019 U

Client Sample ID:	LT-C-086		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Arsenic, Total	1.9 J	3.1 J	0.89 U
Cadmium, Total	0.31 U	0.33 U	0.31 U
Copper, Total	2.8 J	5.5 J	1.9 U
Lead, Total	0.91 U	1.8 J	1.0 J
Manganese, Total	25.3	31.3	5.6
Nickel, Total	5.9 J	6.8 J	1.9 U
Mercury, Total	0.013 U	0.027	0.019 U

Client Sample ID:	LT-C-087		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Arsenic, Total	15.4	3.5	2.6 J
Cadmium, Total	0.30 U	0.31 U	0.30 U
Copper, Total	14.9	133	6.7
Lead, Total	37.3	2.3 U	1.4 J
Manganese, Total	47.6	83.3	32.4
Nickel, Total	6.3 J	50.2	3.7 J
Mercury, Total	4.6	0.097	0.018

Client Sample ID:	LT-XC-016		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Arsenic, Total	4.9 J	4.2 J	19.0
Cadmium, Total	0.27 J	0.38 J	0.26 J
Copper, Total	35.3 J	34.7 J	76.3 J
Lead, Total	66.4	106	131
Manganese, Total	194 BJ	190 BJ	48.9 BJ
Nickel, Total	11.8 J	14.5 J	9.3 J
Mercury, Total	0.10	0.076	0.072

Client Sample ID:	LT-C-085		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Arsenic, Total	1.3 J	3.2 J	2.2 J
Cadmium, Total	0.29 U	0.33 U	0.33 U
Copper, Total	17.3	7.8	17.4
Lead, Total	5.2	63.6	8.2
Manganese, Total	42.0	111	89.3
Nickel, Total	4.4 J	12.6	9.8
Mercury, Total	0.029	0.065	0.060

Client Sample ID:	LT-T-002		
Sample Depth:	0-2'	2-4'	12-14'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Arsenic, Total	10.5 J	19.8	3.1 J
Cadmium, Total	0.76 J	1.4	0.12 J
Copper, Total	37.1	69.5	11.6
Lead, Total	73.1 J	106 J	7 J
Manganese, Total	314 B	195 B	81.2 B
Nickel, Total	12.8 J	13.7 J	8.4 J
Mercury, Total	0.08 J	0.11 J	0.01 U

Client Sample ID:	LT-T-001			
Sample Depth:	0-2'		8-10'	10-12'
Sampling Date:	2/28/2014		2/28/2014	2/28/2014
Arsenic, Total	30.3		11.3 J	7.9 J
Cadmium, Total	3.5		0.34 J	0.56 J
Copper, Total	192		8.2 J	10.4
Lead, Total	242	J	15.9 J	11.4 J
Manganese, Total	326	B	93.6 BJ	60.9 B
Nickel, Total	40.9		15.9 J	8.5 J
Mercury, Total	0.37	J	0.017 UJ	0.047 J

Client Sample ID:	LT-XC-025		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/27/2014	2/27/2014	2/27/2014
Arsenic, Total	19.8	11.5 J	5.3
Cadmium, Total	5	1.3	0.19 J
Copper, Total	126 J	42 J	10.9 J
Lead, Total	119	56.7	25.6
Manganese, Total	228 J	140 J	191 J
Nickel, Total	18.6 J	12.1 J	10.4 J
Mercury, Total	0.18	0.11	0.031

Client Sample ID:	LT-XC-017		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/18/2014	2/18/2014	2/18/2014
Arsenic, Total	4.6 J	3.3 J	8.0 J
Cadmium, Total	0.12 J	0.053 J	0.17 J
Copper, Total	18.9 B	6.2 U	20.2 UJ
Lead, Total	26.0	3.8 J	9.0 J
Manganese, Total	240 B	34.1 B	110 BJ
Nickel, Total	9.2 J	2.9 J	9.6 J
Mercury, Total	0.072	0.24	0.059 J

Client Sample ID:	PA-22		
Sample Depth:	0.5-1'	4.5-5.5'	11-12'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Arsenic, Total	3.73	9.93	ND
Cadmium, Total	0.54	1.03	0.52
Lead, Total	16.8	24.3	3.46
Mercury, Total	0.068	0.081	0.0059

Client Sample ID:	PA-20		
Sample Depth:	0.5-1'	5-6'	8-9'
Sampling Date:	11/4/2003	11/4/2003	11/4/2003
Arsenic, Total	2.96	32.3	1.82
Cadmium, Total	1.15	7.12	0.31
Lead, Total	54.9	165	8.98
Mercury, Total	0.095	0.5	0.044

Client Sample ID:	PA-21		
Sample Depth:	0.5-1'	4-5'	8-9'
Sampling Date:	11/4/2003	11/12/2003	11/12/2003
Arsenic, Total	3.08	32.5	1.35
Cadmium, Total	0.93	2.11	0.32
Lead, Total	42	315	17
Mercury, Total	0.091	0.084	0.23

Client Sample ID:	LT-C-086		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Arsenic, Total	1.9 J	3.1 J	0.89 U
Cadmium, Total	0.31 U	0.33 U	0.31 U
Copper, Total	2.8 J	5.5 J	1.9 U
Lead, Total	0.91 U	1.8 J	1.0 J
Manganese, Total	25.3	31.3	5.6
Nickel, Total	5.9 J	6.8 J	1.9 U
Mercury, Total	0.013 U	0.027	0.019 U

Post Remedial Sample Location Descriptions

Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1; May 2004.

10/30/2003 through 11/11/2003

- Test Pit Location

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- TOGS Boring Location
- Confirmation Sampling Location
- GeoTech Boring Location
- Utility & Confirmation Boring Location
- Geotechnical Test Pit Location

PWGC, Leachable Arsenic and Lead Sampling Report - Garvies Point Redevelopment Project; February 2015

1/7/2015 through 1/15/2015

- Test Pit Location

PWGC, SPLP Investigation / Red Flag Area Characterization Report; February 2016

4/1/2015 through 4/7/2015

- SPLP/Red Flag Soil Boring

USEPA, Remedial Action Report for Operable Unit One (Li Tungsten Facility); September 2008

- Approximate Excavation Area
- 1a Endpoint Location

PWGC, Supplemental Soil Testing - Former Li Tungsten Site - Lounge & Benbow Buildings; December 2014

9/24/2014 through 10/24/2014

- Confirmation Sampling Location

Document Path: G:\Projects\9A-R\RGI\1507\mapfiles\Alternate\FS\9A_Parcel A_East_Metals_Alt.mxd

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LI TUNGSTEN PARCEL A (EAST) METALS

GLEN ISLE

Feet
0 10 20 30 40

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DRAWING PREPARED FOR:

Soil

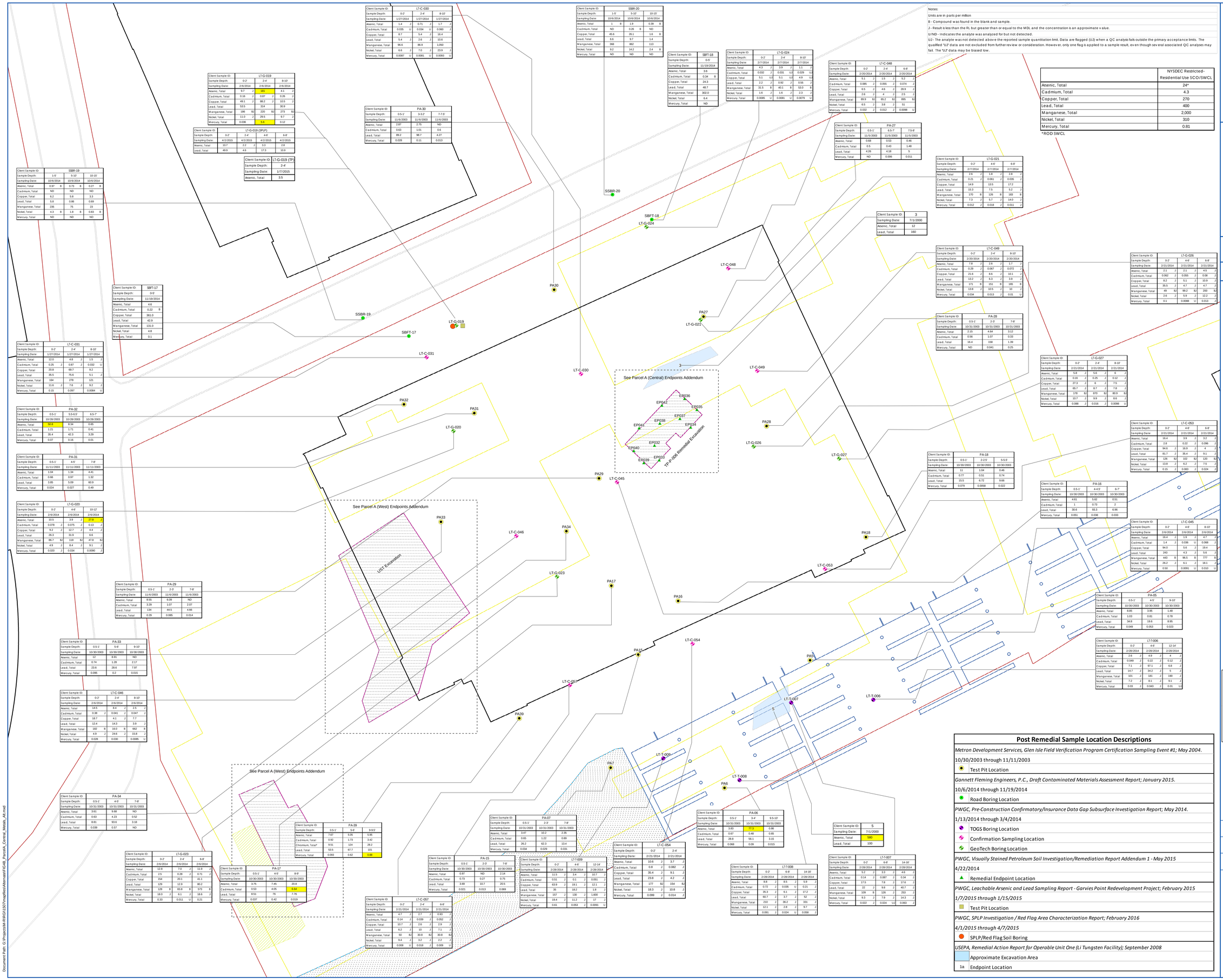
- Exceeds ROD SWCL or RRUSCO

- Property Boundary
- Curbline
- Proposed Bulkhead Excavation
- Excavation performed as part of Doxey Remediation
- Former Building Footprint
- Petroleum Excavation
- Proposed Building

DRAWING INFORMATION:

Project: RGI1507	Designed by: DE
Date: 2/24/2016	Drawn by: JCG
Scale: AS SHOWN	Approved by: DE

FIGURE NO: 4A



Notes:

Units are in parts per million

B - Compound was found in the blank and sample.

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U/ND - Indicates the analyte was analyzed for but not detected.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limits. The qualified 'UJ' data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL

Client Sample ID:	LT-C-030		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/27/2014	1/27/2014	1/27/2014
Arsenic, Total	1.4 J	0.71 J	1.7 J
Cadmium, Total	0.035 U	0.034 U	0.060 J
Copper, Total	8.7	5.4 J	18.4
Lead, Total	5.4 J	2.6 J	10.6
Manganese, Total	96.6	86.9	1,050
Nickel, Total	6.6 J	7.0 J	23.9 J
Mercury, Total	0.0087 U	0.0081 U	0.0093 U

Client Sample ID:	SSBR-20		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/6/2014	10/6/2014	10/6/2014
Arsenic, Total	1 B	1.9	0.39 B
Cadmium, Total	ND	0.28 B	ND
Copper, Total	45.6	26.1	1.6 B
Lead, Total	6.6	9.7	1.4
Manganese, Total	368	862	113
Nickel, Total	9.2	14.2	2.4 B
Mercury, Total	ND	ND	ND

Client Sample ID:	SBFT-18
Sample Depth:	0-5'
Sampling Date:	11/19/2014
Arsenic, Total	3.6
Cadmium, Total	0.34 B
Copper, Total	24.3
Lead, Total	48.7
Manganese, Total	302.0
Nickel, Total	6.4
Mercury, Total	ND

Client Sample ID:	LT-G-024		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Arsenic, Total	4.3 J	3.9 J	1.1 J
Cadmium, Total	0.032 J	0.031 UJ	0.029 UJ
Copper, Total	5.1 UJ	5.1 UJ	4.9 UJ
Lead, Total	2.2 J	0.92 J	0.55 J
Manganese, Total	31.5 B	40.1 B	53.0 B
Nickel, Total	1.6 J	1.6 J	2.3 J
Mercury, Total	0.0065 U	0.0081 U	0.0079 U

Client Sample ID:	LT-G-048		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/20/2014	2/20/2014	2/20/2014
Arsenic, Total	5.1 J	1.5 J	5.2 J
Cadmium, Total	0.085 J	0.055 J	0.074 J
Copper, Total	6.5 J	4.6 J	28.9 J
Lead, Total	2.6 J	4 J	2.5 J
Manganese, Total	89.9 BJ	65.2 BJ	895 BJ
Nickel, Total	6.5 J	3.8 J	51
Mercury, Total	0.032 J	0.012 J	0.0098 U

Client Sample ID:	LT-G-019		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Arsenic, Total	9.7 J	181	4.1 J
Cadmium, Total	0.16 J	0.87 J	0.26 J
Copper, Total	49.1 J	88.2 J	10.5 J
Lead, Total	53.5	314	30.9
Manganese, Total	186 BJ	220 BJ	273 BJ
Nickel, Total	11.0 J	29.5	9.7 J
Mercury, Total	0.036	5.6	0.12

Client Sample ID:	LT-G-019 (SPLP)		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	4/2/2015	4/2/2015	4/2/2015
Arsenic, Total	10.7	2.2 J	3.3	2.8
Lead, Total	49.9	4.6	17.3	10.9

Client Sample ID:	LT-G-019 (TP)
Sample Depth:	2-4'
Sampling Date:	1/7/2015
Arsenic, Total	3.5

Client Sample ID:	PA-30		
Sample Depth:	0.5-1'	3-3.2'	7-7.5'
Sampling Date:	11/6/2003	11/6/2003	11/6/2003
Arsenic, Total	2.87	2.75	ND
Cadmium, Total	0.63	1.01	0.6
Lead, Total	89.2	98.7	4.27
Mercury, Total	0.028	0.11	0.013

Client Sample ID:	PA-27		
Sample Depth:	0.5-1'	6.5-7	7.5-8'
Sampling Date:	11/5/2003	11/5/2003	11/5/2003
Arsenic, Total	0.68	0.53	0.46
Cadmium, Total	0.5	0.43	1.48
Lead, Total	4.26	4.18	5
Mercury, Total	ND	0.006	0.011

Client Sample ID:	LT-G-021		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Arsenic, Total	2.6 J	1.8 J	2.8 J
Cadmium, Total	0.21 J	0.061 J	0.035 J
Copper, Total	14.9	13.5	17.2
Lead, Total	15.3	7.5	5.2 J
Manganese, Total	170 B	126 B	183 B
Nickel, Total	7.3 J	5.7 J	14.0 J
Mercury, Total	0.012 J	0.018 J	0.011 J

Client Sample ID:	3
Sampling Date:	7/1/2000
Arsenic, Total	12
Lead, Total	160

Client Sample ID:	LT-C-049		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/20/2014	2/20/2014	2/20/2014
Arsenic, Total	7.8 J	2.6 J	1.7 J
Cadmium, Total	0.29 J	0.067 J	0.072 J
Copper, Total	21.6 J	8.6 J	10.1 J
Lead, Total	13.2 J	6.3 J	3.9 J
Manganese, Total	171 B	151 B	165 B
Nickel, Total	13.8 J	10.5 J	10 J
Mercury, Total	0.034	0.013 J	0.01 U

Client Sample ID:	PA-28		
Sample Depth:	0.5-1'	2-3'	7-8'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Arsenic, Total	2.15	4.64	3.12
Cadmium, Total	0.56	1.07	0.33
Lead, Total	16.4	158	1.39
Mercury, Total	ND	0.041	0.25

Client Sample ID:	LT-G-026		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/21/2014	2/21/2014	2/21/2014
Arsenic, Total	2.1 J	2.1 J	4.5 J
Cadmium, Total	0.062 J	0.055 J	0.08 J
Copper, Total	8.2 J	5.1 J	10.9 J
Lead, Total	35.5 J	4.7 J	4.7 J
Manganese, Total	49 BJ	96.2 BJ	200 BJ
Nickel, Total	2.6 J	5.9 J	12.2 J
Mercury, Total	0.1	0.0088 U	0.013 J

Client Sample ID:	LT-G-027		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/21/2014	2/21/2014	2/21/2014
Arsenic, Total	5.8 J	5.6 J	6 J
Cadmium, Total	0.16 J	0.25 J	0.12 J
Copper, Total	27.3 J	6 J	7.5 J
Lead, Total	65.7 J	8.7 J	7.8 J
Manganese, Total	178 BJ	870 BJ	80.9 BJ
Nickel, Total	10.7 J	9.9 J	8.6 J
Mercury, Total	0.088 J	0.016 J	0.0098 U

Client Sample ID:	LT-C-053		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/21/2014	2/21/2014	2/21/2014
Arsenic, Total	16.4	3.9 J	3.2 J
Cadmium, Total	2.8	0.22 J	0.096 J
Copper, Total	94.6 J	16.9 J	4 J
Lead, Total	81.7 J	35.4 J	9.1 J
Manganese, Total	126 BJ	102 BJ	120 BJ
Nickel, Total	13.8 J	8.2 J	7.5 J
Mercury, Total	0.15 J	0.083 J	0.024 J

Client Sample ID:	PA-18		
Sample Depth:	0.5-1'	2-2.5	5-5.5'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Arsenic, Total	11	1.04	0.46
Cadmium, Total	0.77	0.51	0.74
Lead, Total	15.5	8.72	9.66
Mercury, Total	0.079	0.0058	0.022

Client Sample ID:	PA-16		
Sample Depth:	0.5-1'	4-4.5	6-7
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Arsenic, Total	4.61	5.62	0.51
Cadmium, Total	1	0.73	2
Lead, Total	30.6	93.3	6.96
Mercury, Total	0.051	0.038	0.033

Client Sample ID:	LT-C-045		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Arsenic, Total	16.4 J	1.9 J	4.7 J
Cadmium, Total	1.4 J	0.036 U	0.068 J
Copper, Total	94.0	5.6 J	19.4
Lead, Total	243	4.3 J	5.6 J
Manganese, Total	443 B	96.5 B	777 B
Nickel, Total	26.2 J	6.1 J	18.1 J
Mercury, Total	0.50	0.0091 U	0.010 U

Client Sample ID:	PA-05		
Sample Depth:	0.5-1'	4-5'	9-10'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Arsenic, Total	8.85	3.95	1.48
Cadmium, Total	1.03	0.81	0.78
Lead, Total	34.8	19.6	8.95
Mercury, Total	0.049	0.053	0.023

Client Sample ID:	LT-T-006		
Sample Depth:	0-2'	4-6'	12-14'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Arsenic, Total	2.6 J	4.9 J	4 J
Cadmium, Total	0.049 J	0.22 J	0.12 J
Copper, Total	7.1 J	97.1 J	6.8 J
Lead, Total	14.7 J	34.2 J	5 J
Manganese, Total	101 J	181 J	190 J
Nickel, Total	7.2 J	8.1 J	9.1 J
Mercury, Total	0.03 J	0.043 J	0.01 UJ

Client Sample ID:	SSBR-19		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/6/2014	10/6/2014	10/6/2014
Arsenic, Total	0.87 B	0.73 B	0.27 B
Cadmium, Total	ND	ND	ND
Copper, Total	6.2	5.8	3.3
Lead, Total	5.8	0.86	0.69
Manganese, Total	235	75	23
Nickel, Total	4.3 B	1.8 B	0.83 B
Mercury, Total	ND	ND	ND

Client Sample ID:	SBFT-17
Sample Depth:	0-5
Sampling Date:	11/19/2014
Arsenic, Total	4.6
Cadmium, Total	0.22 B
Copper, Total	361.0
Lead, Total	42.9
Manganese, Total	131.0
Nickel, Total	4.8
Mercury, Total	0.1

Client Sample ID:	LT-C-031		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/27/2014	1/27/2014	1/27/2014
Arsenic, Total	12.0	4.9 J	1.5 J
Cadmium, Total	0.25 J	0.87 J	0.032 U
Copper, Total	20.8	69.7	9.2
Lead, Total	35.5	75.6	5.1 J
Manganese, Total	164	278	121
Nickel, Total	11.6 J	7.6 J	9.2 J
Mercury, Total	0.15	0.097	0.0084 U

Client Sample ID:	PA-32		
Sample Depth:	0.5-1'	5.5-6.5'	6.5-7'
Sampling Date:	10/28/2003	10/28/2003	10/28/2003
Arsenic, Total	50.8	8.34	0.65
Cadmium, Total	4.23	1.73	0.41
Lead, Total	35.4	42.3	3.29
Mercury, Total	0.07	0.16	0.01

Client Sample ID:	PA-31		
Sample Depth:	0.5-1'	4-5'	7-8'
Sampling Date:	11/11/2003	11/11/2003	11/11/2003
Arsenic, Total	4.04	1.34	4.41
Cadmium, Total	0.66	0.97	1.32
Lead, Total	8.85	5.09	60.9
Mercury, Total	0.024	0.027	0.49

Client Sample ID:	LT-G-020		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Arsenic, Total	10.5	3.9 J	27.8 J
Cadmium, Total	0.079 J	0.075 J	0.13 J
Copper, Total	9.2 J	12.7 J	4.4 J
Lead, Total	26.3	31.9	6.6
Manganese, Total	86.7 BJ	118 BJ	47.8 BJ
Nickel, Total	4.9 J	8.4 J	9.1 J
Mercury, Total	0.020 J	0.034	0.0090 J

Client Sample ID:	PA-29		
Sample Depth:	0.5-1'	2-3'	7-8'
Sampling Date:	11/6/2003	11/6/2003	11/6/2003
Arsenic, Total	8.55	6.09	ND
Cadmium, Total	3.29	1.07	2.07
Lead, Total	134	44.5	4.66
Mercury, Total	0.29	0.085	0.014

Client Sample ID:	PA-33		
Sample Depth:	0.5-1'	5-6'	9-10'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Arsenic, Total	12	8.91	ND
Cadmium, Total	0.74	1.28	2.17
Lead, Total	23.6	28.6	7.97
Mercury, Total	0.095	0.2	0.015

Client Sample ID:	LT-C-046		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Arsenic, Total	14.5	8.4 J	2.5 J
Cadmium, Total	0.38 J	0.041 J	0.047 J
Copper, Total	18.7	4.1 J	7.7
Lead, Total	12.4	14.3	3.9 J
Manganese, Total	182 B	16.0 B	662 B
Nickel, Total	4.9 J	24.6 J	15.8 J
Mercury, Total	0.028	0.030	0.0085 U

Client Sample ID:	PA-34		
Sample Depth:	0.5-1'	4-5'	7-8'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Arsenic, Total	3.61	9.68	ND
Cadmium, Total	0.63	4.23	0.52
Lead, Total	8.81	93.6	3.18
Mercury, Total	0.039	0.57	ND

Client Sample ID:	LT-G-023		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Arsenic, Total	12.8	7.0 J	11.9 J
Cadmium, Total	2.5	0.28 J	0.71 J
Copper, Total	154	20.1	41.1
Lead, Total	129	12.9	80.2
Manganese, Total	128 B	63.8 B	573 B
Nickel, Total	18.0 J	6.1 J	18.6 J
Mercury, Total	0.33	0.011 U	0.21

Client Sample ID:	PA-17		
Sample Depth:	0.5-1'	4-5'	8-9'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Arsenic, Total	3.75	7.45	20.8
Cadmium, Total	0.53	4.05	6.64
Lead, Total	8.51	76	7.75
Mercury, Total	0.037	0.42	0.019

Client Sample ID:	PA-39		
Sample Depth:	0.5-1'	5-6'	9-9.5'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Arsenic, Total	7.67	5.06	5.09
Cadmium, Total	0.92	1.73	3.42
Chromium, Total*	9.51	124	28.2
Lead, Total	53.5	67.7	101
Mercury, Total	0.093	0.62	0.88

Client Sample ID:	LT-C-057		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/21/2014	2/21/2014	2/21/2014
Arsenic, Total	4.7 J	2.7 J	0.93
Cadmium, Total	0.14 J	0.039 J	0.052 J
Copper, Total	10.7 J	2.6 J	2.9
Lead, Total	6.2 J	10 J	7.1
Manganese, Total	50 BJ	30.8 BJ	30.8 BJ
Nickel, Total	9.4 J	3.2 J	2.2
Mercury, Total	0.006 U	0.018 J	0.009 U

Client Sample ID:	PA-15		
Sample Depth:	0.5-1'	2-3'	7-8'
Sampling Date:	10/30/2003	10/30/2003	10/30/2003
Arsenic, Total	0.97	ND	2.14
Cadmium, Total	0.79	0.27	0.75
Lead, Total	3.69	10.7	20.5
Mercury, Total	0.021	0.013	0.069

Client Sample ID:	PA-07		
Sample Depth:	0.5-1'	2-3'	7-8'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Arsenic, Total	3.47	10.2	2.35
Cadmium, Total	0.65	1.22	0.89
Lead, Total	26.2	62.3	13.4
Mercury, Total	0.034	0.029	0.031

Client Sample ID:	LT-C-054		
Sample Depth:	0-2'	2-4'	
Sampling Date:	2/21/2014	2/21/2014	
Arsenic, Total	10.6 J	3.7 J	
Cadmium, Total	0.8 J	0.082 J	
Copper, Total	35.4 J	9.1 J	
Lead, Total	23.8 J	4.2 J	
Manganese, Total	177 BJ	154 BJ	
Nickel, Total	18.3 J	10.8 J	
Mercury, Total	0.099 J	0.014 J	

Client Sample ID:	LT-T-009		
Sample Depth:	0-2'	4-6'	12-14'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Arsenic, Total	11.5 J	3.4 J	10.7 J
Cadmium, Total	0.51 J	0.1 J	0.051 J
Copper, Total	63.9 J	19.1 J	12.1 J
Lead, Total	35	18.2	1.8 J
Manganese, Total	107 J	130 J	1,600 J
Nickel, Total	19.4 J	11.2 J	17 J
Mercury, Total	0.61	0.053 J	0.0091 U

Client Sample ID:	PA-06		
Sample Depth:	0.5-1'	3-4'	9.5-10'
Sampling Date:	10/31/2003	10/31/2003	10/31/2003
Arsenic, Total	3.83	77.3	0.98
Cadmium, Total	5.67	0.46	0.65
Lead, Total	28.8	56.1	3.15
Mercury, Total	0.068	0.09	0.015

Client Sample ID:	5
Sampling Date:	7/1/2000
Arsenic, Total	580
Lead, Total	100

Client Sample ID:	LT-T-008		
Sample Depth:	0-2'	6-8'	14-16'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Arsenic, Total	8.8 J	8.5 J	5.9 J
Cadmium, Total	0.72 J	0.035 U	0.21 J
Copper, Total	35.3 J	6.1 J	17.2 J
Lead, Total	60.7 J	3.7 J	52 J
Manganese, Total	210 J	36.2 J	331 J
Nickel, Total	12.1 J	2.8 J	9.7 J
Mercury, Total	0.091 J	0.024 U	0.058 J

Client Sample ID:	LT-T-007		
Sample Depth:	0-2'	6-8'	14-16'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Arsenic, Total	5.2 J	3.3 J	4.6 J
Cadmium, Total	0.14 J	0.087 J	0.34 J
Copper, Total	17.5	7.8 J	17.6 J
Lead, Total	22 J	9.8 J	40.7 J
Manganese, Total	109 B	126 J	253 J
Nickel, Total	9.3 J	7.9 J	14.3 J
Mercury, Total	0.022 J	0.024 UJ	0.063

PWGC

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LI TUNGSTEN PARCEL A (CENTRAL) METALS

GLEN ISLE

0 10 20 30 40 Feet

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DRAWING PREPARED FOR:

Soil

Exceeds ROD SWCL or RRUSCO

Property Boundary
Curbline
Proposed Bulkhead Excavation
Excavation performed as part of Doxey Remediation
Former Building Footprint
Petroleum Excavation
Proposed Building

Post Remedial Sample Location Descriptions

Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1; May 2004.

10/30/2003 through 11/11/2003

- Test Pit Location

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- TOGS Boring Location
- Confirmation Sampling Location
- GeoTech Boring Location

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1 - May 2015

4/22/2014

- Remedial Endpoint Location

PWGC, Leachable Arsenic and Lead Sampling Report - Garvies Point Redevelopment Project; February 2015

1/7/2015 through 1/15/2015

- Test Pit Location

PWGC, SPLP Investigation / Red Flag Area Characterization Report; February 2016

4/1/2015 through 4/7/2015

- SPLP/Red Flag Soil Boring

USEPA, Remedial Action Report for Operable Unit One (Li Tungsten Facility); September 2008

- Approximate Excavation Area
- 1a Endpoint Location

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/24/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE
FIGURE NO:	4B		

Document Path: G:\Projects\M-R\RGI1507\Image\ResAlternative\FS\4B_Parcel A_Central_Metals_Alt.mxd

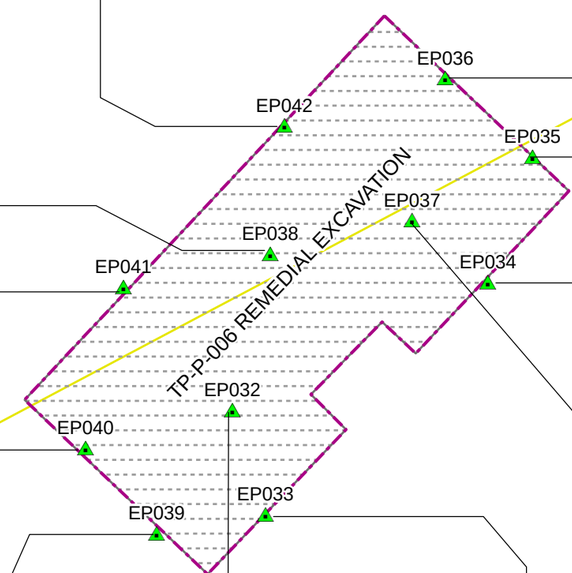
Client Sample ID:	EP038
Sample Depth:	4' (B)
Sampling Date:	4/22/2015
Arsenic, Total	3.5
Cadmium, Total	0.30 U
Copper, Total	8.1
Lead, Total	4.0
Manganese, Total	218
Nickel, Total	6.2 J
Mercury, Total	0.035

Client Sample ID:	EP042
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Arsenic, Total	6.4
Cadmium, Total	0.31 U
Copper, Total	18.6
Lead, Total	39.0
Manganese, Total	221
Nickel, Total	11.3
Mercury, Total	0.17

Notes:
Units are in parts per million
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL



Client Sample ID:	EP041
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Arsenic, Total	7.1
Cadmium, Total	0.31 U
Copper, Total	20.5
Lead, Total	53.0
Manganese, Total	161
Nickel, Total	8.0 J
Mercury, Total	0.096

Client Sample ID:	EP035
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Arsenic, Total	8.8
Cadmium, Total	0.31 U
Copper, Total	16.6
Lead, Total	17.6
Manganese, Total	81.5
Nickel, Total	8.5 J
Mercury, Total	0.27

Client Sample ID:	EP036
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Arsenic, Total	18.0
Cadmium, Total	1.0
Copper, Total	41.4
Lead, Total	71.9
Manganese, Total	206
Nickel, Total	12.0
Mercury, Total	0.047

Client Sample ID:	EP040
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Arsenic, Total	55.1
Cadmium, Total	0.33 J
Copper, Total	44.3
Lead, Total	43.4
Manganese, Total	183
Nickel, Total	17.1
Mercury, Total	0.92

Client Sample ID:	EP034
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Arsenic, Total	6.9
Cadmium, Total	0.31 U
Copper, Total	15.5
Lead, Total	342
Manganese, Total	105
Nickel, Total	10.3
Mercury, Total	0.077

Client Sample ID:	EP039
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Arsenic, Total	47.1
Cadmium, Total	0.34 U
Copper, Total	27.4
Lead, Total	20.0
Manganese, Total	92.3
Nickel, Total	15.0
Mercury, Total	0.17

Client Sample ID:	EP032
Sample Depth:	4' (B)
Sampling Date:	4/22/2015
Arsenic, Total	3.8
Cadmium, Total	0.3 U
Copper, Total	10.9
Lead, Total	8.9
Manganese, Total	125
Nickel, Total	8.1 J
Mercury, Total	0.070

Client Sample ID:	EP033
Sample Depth:	3-4' (SW)
Sampling Date:	4/22/2015
Arsenic, Total	3.4
Cadmium, Total	0.31 U
Copper, Total	11.6
Lead, Total	31.5
Manganese, Total	167
Nickel, Total	8.6
Mercury, Total	0.046

Client Sample ID:	EP037
Sample Depth:	4' (B)
Sampling Date:	4/22/2015
Arsenic, Total	4.6
Cadmium, Total	0.29 U
Copper, Total	11.5
Lead, Total	9.1
Manganese, Total	308
Nickel, Total	11.0
Mercury, Total	0.013 U

Excavated and Disposed Petroleum-Impacted Soil

Former Building Footprint

Post Remedial Sample Location Descriptions

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1 - May 2015

4/22/2014

Remedial Endpoint Location

0 10 20 30 40 Feet

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SEE LI TUNGSTEN PARCEL A (CENTRAL) MAP FOR CONTEXT

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DRAWING PREPARED FOR:

Soil

Exceeds ROD SWCL or RRUSCO

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/18/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

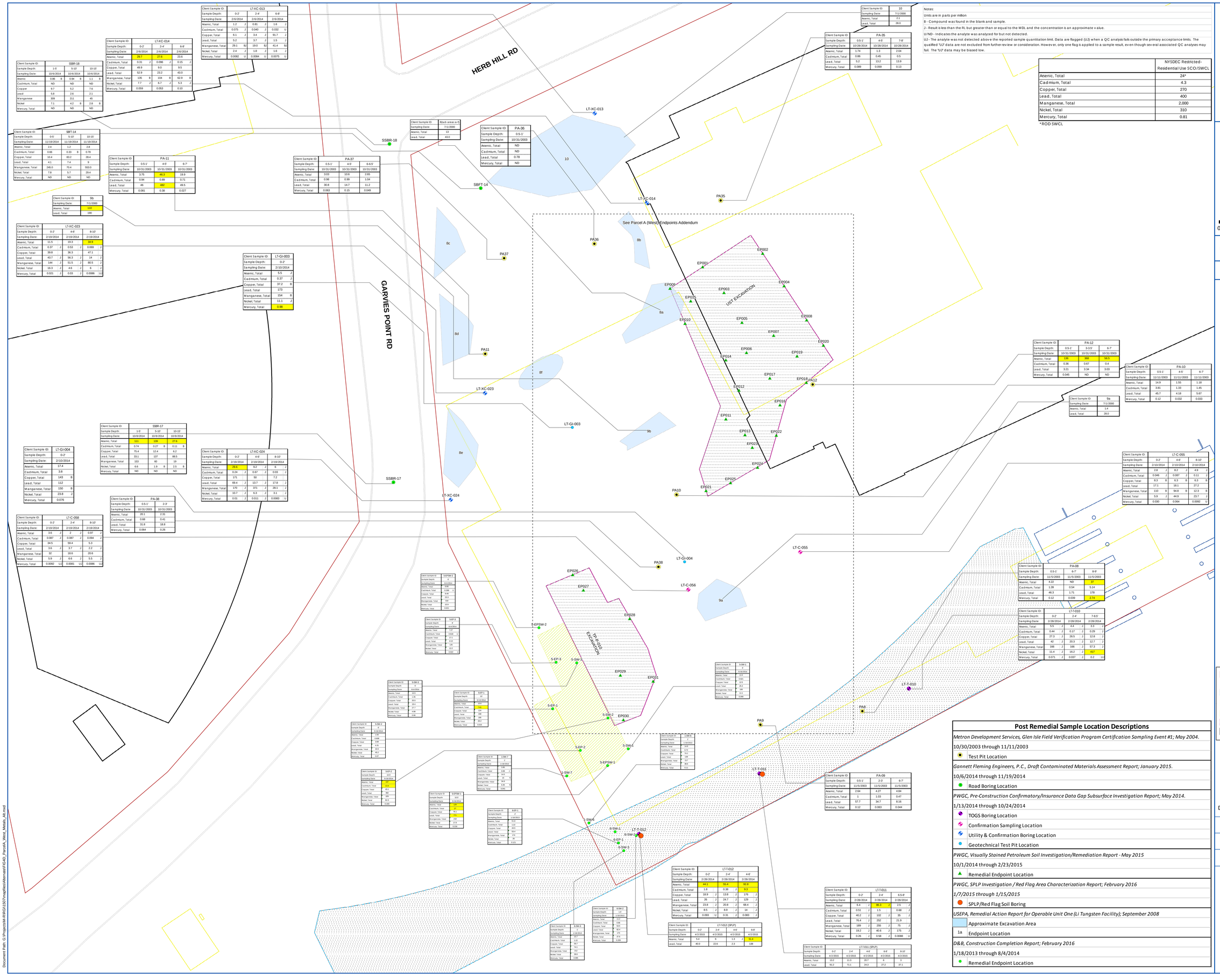
Addendum: PARCEL A (CENTRAL) METALS (EXCAVATION ENDPOINTS)

GLEN ISLE

FIGURE NO:

4C

Document Path: G:\Projects\M-R\RGI\1507\maps\Alternate\HG4C_Parcel A_Central_Metals_ADDENDUM_ExcavationEndpoints_Alt.mxd



Client Sample ID:	LT-XC-013					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Arsenic, Total	1.2	J	0.81	J	1.6	J
Cadmium, Total	0.075	J	0.040	J	0.032	U
Copper, Total	6.1	J	3.4	J	91.7	J
Lead, Total	5.2		3.7	J	1.5	J
Manganese, Total	29.1	BJ	19.0	BJ	41.4	BJ
Nickel, Total	2.4	J	1.8	J	1.6	J
Mercury, Total	0.0082	U	0.0084	U	0.0075	U

Client Sample ID:	LT-XC-014					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Arsenic, Total	29.7		27.6		25.6	
Cadmium, Total	0.31	J	0.096	J	0.15	J
Copper, Total	49.9		9.0		9.5	
Lead, Total	52.9		23.2		43.0	
Manganese, Total	135	B	104	B	62.9	B
Nickel, Total	7.7	J	6.7	J	5.3	J
Mercury, Total	0.059		0.053		0.10	

Client Sample ID:	SSBR-18					
Sample Depth:	1-5'		5-10'		10-15'	
Sampling Date:	10/6/2014		10/6/2014		10/6/2014	
Arsenic	0.86	B	0.94	B	1.1	B
Cadmium, Total	ND		ND		ND	
Copper	9.7		5.2		7.6	
Lead	5.8		2.6		2.1	
Manganese	309		211		45	
Nickel	7.1		4.2	B	2.8	B
Mercury, Total	ND		ND		ND	

Client Sample ID:	SBFT-14					
Sample Depth:	0-5'		5-10'		10-15'	
Sampling Date:	11/19/2014		11/19/2014		11/19/2014	
Arsenic, Total	2.4		1.2		2.8	
Cadmium, Total	0.66		0.33	B	0.78	
Copper, Total	10.4		83.2		28.4	
Lead, Total	4.1		7.4		9	
Manganese, Total	245.0		70.4		553.0	
Nickel, Total	7.8		5.7		29.4	
Mercury, Total	ND		ND		ND	

Client Sample ID:	PA-11					
Sample Depth:	0.5-1'		4-5'		6-7'	
Sampling Date:	10/31/2003		10/31/2003		10/31/2003	
Arsenic, Total	3.75		46.3		19.9	
Cadmium, Total	0.94		0.89		0.71	
Lead, Total	46		482		49.5	
Mercury, Total	0.081		0.38		0.027	

Client Sample ID:	PA-37					
Sample Depth:	0.5-1'		4-5'		6-6.5'	
Sampling Date:	10/31/2003		10/31/2003		10/31/2003	
Arsenic, Total	3.03		10.6		2.65	
Cadmium, Total	0.98		0.99		1.04	
Lead, Total	30.8		14.7		11.2	
Mercury, Total	0.063		0.15		0.049	

Client Sample ID:	8(sub areas a-f)
Sampling Date:	7/1/2000
Arsenic, Total	33
Lead, Total	43.0

Client Sample ID:	PA-36			
Sample Depth:	0.5-1'			
Sampling Date:	10/31/2003			
Arsenic, Total	ND			
Cadmium, Total	ND			
Lead, Total	0.78			
Mercury, Total	ND			

Client Sample ID:	9b
Sampling Date:	7/1/2000
Arsenic, Total	110
Lead, Total	190

Client Sample ID:	LT-XC-023					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/19/2014		2/19/2014		2/19/2014	
Arsenic, Total	11.5		19.3		34.9	
Cadmium, Total	0.37	J	0.53	J	0.069	J
Copper, Total	39.8		36.3		47.1	
Lead, Total	43.7	J	56.3	J	14	J
Manganese, Total	144	J	51.5	J	80.5	J
Nickel, Total	16.3	J	4.6	J	6	J
Mercury, Total	0.021	J	0.03	J	0.0086	UJ

Client Sample ID:	LT-GI-003
Sample Depth:	0-2'
Sampling Date:	2/10/2014
Arsenic, Total	5.5 J
Cadmium, Total	0.37 J
Copper, Total	37.2 B
Lead, Total	173
Manganese, Total	154 B
Nickel, Total	11.1 J
Mercury, Total	0.98

Client Sample ID:	SSBR-17					
Sample Depth:	1-5'		5-10'		10-15'	
Sampling Date:	10/8/2014		10/8/2014		10/8/2014	
Arsenic, Total	111		139		27.6	
Cadmium, Total	0.74		0.27	B	0.11	B
Copper, Total	75.4		12.4		6.2	
Lead, Total	33.1		107		88.5	
Manganese, Total	153		60		19	
Nickel, Total	6.6		1.9	B	2.5	B
Mercury, Total	ND		ND		ND	

Client Sample ID:	LT-GI-004
Sample Depth:	0-2'
Sampling Date:	2/10/2014
Arsenic, Total	17.4
Cadmium, Total	3.8
Copper, Total	143 B
Lead, Total	112
Manganese, Total	150 B
Nickel, Total	23.8 J
Mercury, Total	0.076

Client Sample ID:	LT-XC-024					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date	2/19/2014		2/19/2014		2/19/2014	
Arsenic, Total	28.6		9.2	J	6	J
Cadmium, Total	0.24	J	0.67	J	0.03	J
Copper, Total	171		50		7.2	
Lead, Total	69.4	J	13.7	J	17.8	J
Manganese, Total	170	J	371	J	28.1	J
Nickel, Total	10.7	J	6.3	J	3.1	J
Mercury, Total	0.01	J	0.011	J	0.0083	U

Client Sample ID:	PA-38			
Sample Depth:	0.5-1'		2-3'	
Sampling Date:	10/31/2003		10/31/2003	
Arsenic, Total	20.1		2.31	
Cadmium, Total	0.68		0.41	
Lead, Total	31.8		18.8	
Mercury, Total	0.064		0.26	

Client Sample ID:	LT-C-056					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/19/2014		2/19/2014		2/19/2014	
Arsenic, Total	3.6	J	2	J	0.87	J
Cadmium, Total	0.087	J	0.087	J	0.094	J
Copper, Total	34.5		59.4		5.3	
Lead, Total	3.6	J	3.7	J	2.2	J
Manganese, Total	32		18.6		20.6	
Nickel, Total	5.9	J	6.6	J	5.5	J
Mercury, Total	0.0092	UJ	0.0081	UJ	0.0086	UJ

Client Sample ID:	10
Sampling Date:	7/1/2000
Arsenic, Total	3.1
Lead, Total	28.0

Client Sample ID:	PA-35			
Sample Depth:	0.5-1'		4-5'	7-8'
Sampling Date:	10/28/2014		10/28/2014	10/28/2014
Arsenic, Total	1.74		1.3	2.04
Cadmium, Total	0.86		0.45	0.5
Lead, Total	5.2		13.2	13.9
Mercury, Total	0.089		0.059	0.13

Notes:

Units are in parts per million

B - Compound was found in the blank and sample.

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U/ND - Indicates the analyte was analyzed for but not detected.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL

Client Sample ID:	PA-12			
Sample Depth:	0.5-1'		3-3.5'	6-7'
Sampling Date:	10/31/2003		10/31/2003	10/31/2003
Arsenic, Total	136		268	56.5
Cadmium, Total	0.36		0.67	0.4
Lead, Total	3.21		3.34	3.03
Mercury, Total	0.045		ND	ND

Client Sample ID:	PA-10			
Sample Depth:	0.5-1'		4-5'	6-7'
Sampling Date:	11/11/2003		11/11/2003	11/11/2003
Arsenic, Total	14.9		1.55	1.18
Cadmium, Total	3.81		1.33	1.45
Lead, Total	45.7		4.18	5.67
Mercury, Total	0.12		0.032	0.033

Client Sample ID:	9a
Sampling Date:	7/1/2000
Arsenic, Total	1.4
Lead, Total	28.0

Client Sample ID:	LT-C-055					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/10/2014		2/10/2014		2/10/2014	
Arsenic, Total	2.8	J	8.2	J	4.9	J
Cadmium, Total	0.046	J	0.087	J	0.11	J
Copper, Total	8.3	B	6.3	B	6.3	B
Lead, Total	17.1		18.1		27.2	
Manganese, Total	110	B	94.8	B	12.3	B
Nickel, Total	5.9	J	44.9		23.7	J
Mercury, Total	0.030		0.064		0.0092	U

Client Sample ID:	PA-08			
Sample Depth:	0.5-1'		6-7'	8-9'
Sampling Date:	11/5/2003		11/5/2003	11/5/2003
Arsenic, Total	4.22		ND	37
Cadmium, Total	1.39		0.54	5.14
Lead, Total	46.3		1.71	178
Mercury, Total	0.12		0.039	2.74

Client Sample ID:	LT-T-010					
Sample Depth:	0-2'		2-4'		7-8.5'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Arsenic, Total	5.5	J	4.4	J	3.3	J
Cadmium, Total	0.44	J	0.17	J	0.29	J
Copper, Total	37.3	J	26.5	J	12.8	J
Lead, Total	42	J	20.3	J	12.7	J
Manganese, Total	186	J	166	J	57.3	J
Nickel, Total	31.4	J	16.2	J	42.7	J
Mercury, Total	0.071	J	0.037	J	0.2	UJ

Client Sample ID:	PA-09			
Sample Depth:	0.5-1'		2-3'	6-7'
Sampling Date:	11/5/2003		11/5/2003	11/5/2003
Arsenic, Total	2.64		4.27	4.84
Cadmium, Total	1		1.03	0.47
Lead, Total	57.7		34.7	8.16
Mercury, Total	0.12		0.063	0.044

Client Sample ID:	LT-T-011					
Sample Depth:	0-2'		2-4'		6.5-8'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Arsenic, Total	6.4	J	86.3	J	2.5	J
Cadmium, Total	0.51	J	1.5		0.68	J
Copper, Total	40.2	J	102	J	35	J
Lead, Total	76.4	J	252		21.9	
Manganese, Total	189	J	256	J	75	J
Nickel, Total	19.2	J	40.6	J	175	J
Mercury, Total	0.26	J	0.58	J	0.0088	UJ

Client Sample ID:	LT-T-012					
Sample Depth:	0-2'		2-4'		4-6'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Arsenic, Total	44.1		55.4		92.8	
Cadmium, Total	1.8		0.38	J	9.3	
Copper, Total	18.9	J	13.8	J	176	J
Lead, Total	26	J	24.7	J	129	J
Manganese, Total	23.8	J	20.8	J	68.4	J
Nickel, Total	8.5	J	8.9	J	14	J
Mercury, Total	0.093	UJ	0.31	J	0.083	J

Client Sample ID:	LT-T-012 (SPLP)				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	
Sampling Date:	4/2/2015	4/2/2015	4/2/2015	4/2/2015	
Arsenic, Total	5.4	6	1.2	51.4	
Lead, Total	40.0	22.6	2.3	138	

Client Sample ID:	LT-T-011 (SPLP)				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'
Sampling Date:	4/2/2015	4/2/2015	4/2/2015	4/2/2015	4/2/2015
Arsenic, Total	19.7	11.3	28.7	8	3
Lead, Total	61.2	73.1	24.3	27.2	37.1

Client Sample ID:	S-EPSW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	0.96
Cadmium, Total	0.08 U
Copper, Total	3.7
Lead, Total	0.53
Manganese, Total	152
Nickel, Total	10.9
Mercury, Total	0.021

Client Sample ID:	S-EP-3
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	0.27
Cadmium, Total	0.018 U
Copper, Total	17.1
Lead, Total	4.13
Manganese, Total	1.05
Nickel, Total	12.2
Mercury, Total	0.022

Client Sample ID:	S-SW-3
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	14.5
Cadmium, Total	1.35
Copper, Total	20.5
Lead, Total	19.4
Manganese, Total	27.7
Nickel, Total	4.88
Mercury, Total	0.06

Client Sample ID:	S-EP-1
Sample Depth:	0.5'
Sampling Date	6/16/2014
Arsenic, Total	0.53
Cadmium, Total	0.56
Copper, Total	120
Lead, Total	19.1
Manganese, Total	190
Nickel, Total	20.2
Mercury, Total	0.015

Client Sample ID:	S-SW-1
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	13.4
Cadmium, Total	0.921
Copper, Total	12.5
Lead, Total	25.3
Manganese, Total	106
Nickel, Total	13.1
Mercury, Total	0.045

Client Sample ID:	S-SW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	14.5
Cadmium, Total	1.35
Copper, Total	20.5
Lead, Total	19.4
Manganese, Total	27.7
Nickel, Total	4.88
Mercury, Total	0.06

Client Sample ID:	S-EP-1
Sample Depth:	0.5'
Sampling Date	6/16/2014
Arsenic, Total	0.53
Cadmium, Total	0.56
Copper, Total	120
Lead, Total	19.1
Manganese, Total	190
Nickel, Total	20.2
Mercury, Total	0.015

Client Sample ID:	S-SW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	14.5
Cadmium, Total	1.35
Copper, Total	20.5
Lead, Total	19.4
Manganese, Total	27.7
Nickel, Total	4.88
Mercury, Total	0.06

Client Sample ID:	S-SW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	1.65
Cadmium, Total	0.658
Copper, Total	4.91
Lead, Total	42.6
Manganese, Total	46.2
Nickel, Total	3.07
Mercury, Total	0.065

Client Sample ID:	S-EP-2
Sample Depth:	0.5'
Sampling Date:	6/16/2014
Arsenic, Total	0.96
Cadmium, Total	0.54
Copper, Total	24.1
Lead, Total	382
Manganese, Total	329
Nickel, Total	62.1
Mercury, Total	0.065

Client Sample ID:	S-SPSW-1
Sample Depth:	0.5'
Sampling Date:	6/16/2014
Arsenic, Total	0.9
Cadmium, Total	0.5
Copper, Total	76.1
Lead, Total	75
Manganese, Total	134
Nickel, Total	17.9
Mercury, Total	0.08

Client Sample ID:	S-EP-1
Sample Depth:	0.5'
Sampling Date	6/16/2014
Arsenic, Total	0.53
Cadmium, Total	0.56
Copper, Total	120
Lead, Total	19.1
Manganese, Total	190
Nickel, Total	20.2
Mercury, Total	0.015

Client Sample ID:	S-SW-1
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	13.4
Cadmium, Total	0.921
Copper, Total	12.5
Lead, Total	25.3
Manganese, Total	106
Nickel, Total	13.1
Mercury, Total	0.045

Client Sample ID:	S-SW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	14.5
Cadmium, Total	1.35
Copper, Total	20.5
Lead, Total	19.4
Manganese, Total	27.7
Nickel, Total	4.88
Mercury, Total	0.06

Client Sample ID:	S-EP-1
Sample Depth:	0.5'
Sampling Date	6/16/2014
Arsenic, Total	0.53
Cadmium, Total	0.56
Copper, Total	120
Lead, Total	19.1
Manganese, Total	190
Nickel, Total	20.2
Mercury, Total	0.015

Client Sample ID:	S-SW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	14.5
Cadmium, Total	1.35
Copper, Total	20.5
Lead, Total	19.4
Manganese, Total	27.7
Nickel, Total	4.88
Mercury, Total	0.06

Client Sample ID:	S-SW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	1.65
Cadmium, Total	0.658
Copper, Total	4.91
Lead, Total	42.6
Manganese, Total	46.2
Nickel, Total	3.07
Mercury, Total	0.065

Client Sample ID:	S-EP-2
Sample Depth:	0.5'
Sampling Date:	6/16/2014
Arsenic, Total	0.96
Cadmium, Total	0.54
Copper, Total	24.1
Lead, Total	382
Manganese, Total	329
Nickel, Total	62.1
Mercury, Total	0.065

Client Sample ID:	S-SPSW-1
Sample Depth:	0.5'
Sampling Date:	6/16/2014
Arsenic, Total	0.9
Cadmium, Total	0.5
Copper, Total	76.1
Lead, Total	75
Manganese, Total	134
Nickel, Total	17.9
Mercury, Total	0.08

Client Sample ID:	S-SW-1
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	13.4
Cadmium, Total	0.921
Copper, Total	12.5
Lead, Total	25.3
Manganese, Total	106
Nickel, Total	13.1
Mercury, Total	0.045

Client Sample ID:	S-EP-1
Sample Depth:	0.5'
Sampling Date	6/16/2014
Arsenic, Total	0.53
Cadmium, Total	0.56
Copper, Total	120
Lead, Total	19.1
Manganese, Total	190
Nickel, Total	20.2
Mercury, Total	0.015

Client Sample ID:	S-SW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	14.5
Cadmium, Total	1.35
Copper, Total	20.5
Lead, Total	19.4
Manganese, Total	27.7
Nickel, Total	4.88
Mercury, Total	0.06

Client Sample ID:	S-SW-2
Sample Depth:	0'
Sampling Date:	6/16/2014
Arsenic, Total	1.65
Cadmium, Total	0.658
Copper, Total	4.91
Lead, Total	42.6
Manganese, Total	46.2
Nickel, Total	3.07
Mercury, Total	0.065

Client Sample ID:	S-EP-2
Sample Depth:	0.5'
Sampling Date:	6/16/2014
Arsenic, Total	0.96
Cadmium, Total	0.54
Copper, Total	24.1
Lead, Total	382
Manganese, Total	329
Nickel, Total	62.1
Mercury, Total	0.065

Client Sample ID:	S-SPSW-1
Sample Depth:	0.5'
Sampling Date:	6/16/2014
Arsenic, Total	0.9
Cadmium, Total	0.5
Copper, Total	76.1
Lead, Total	75
Manganese, Total	134
Nickel, Total	17.9
Mercury, Total	0.08

Client Sample ID:	1-SW-7
Sample Depth:	0'
Sampling Date	1/16/2013
Arsenic, Total	3.95
Cadmium, Total	0.08 J
Copper, Total	10.8
Lead, Total	21 N
Manganese, Total	34.9
Nickel, Total	6.35 N
Mercury, Total	0.041

Client Sample ID:	6-SW-1
Sample Depth:	0'
Sampling Date:	1/16/2013
Arsenic, Total	3.12
Cadmium, Total	1.07
Copper, Total	49.5
Lead, Total	52.4
Manganese, Total	174
Nickel, Total	26
Mercury, Total	0.031

Client Sample ID:	6-SW-2
Sample Depth:	1.5'
Sampling Date:	1/16/2013
Arsenic, Total	11.2
Cadmium, Total	0.86
Copper, Total	53.5
Lead, Total	90.4
Manganese, Total	176
Nickel, Total	37.9
Mercury, Total	0.098

Client Sample ID:	6-SW-3
Sample Depth:	2'
Sampling Date:	1/16/2013
Arsenic, Total	12.7
Cadmium, Total	0.97
Copper, Total	53.2
Lead, Total	78.1
Manganese, Total	212
Nickel, Total	29.4
Mercury, Total	0.095

Post Remedial Sample Location Descriptions

Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1; May 2004.

10/30/2003 through 11/11/2003

- Test Pit Location

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 10/24/2014

- TOGS Boring Location
- Confirmation Sampling Location
- Utility & Confirmation Boring Location
- Geotechnical Test Pit Location

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report - May 2015

10/1/2014 through 2/23/2015

- Remedial Endpoint Location

PWGC, SPLP Investigation / Red Flag Area Characterization Report; February 2016

1/7/2015 through 1/15/2015

- SPLP/Red Flag Soil Boring

USEPA, Remedial Action Report for Operable Unit One (Li Tungsten Facility); September 2008

- Approximate Excavation Area
- 1a Endpoint Location

D&B, Construction Completion Report; February 2016

1/18/2013 through 8/4/2014

- Remedial Endpoint Location

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LI TUNGSTEN PARCEL A (WEST) METALS

GLEN ISLE

0 10 20 30 40 Feet

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DRAWING PREPARED FOR:

Soil

- Exceeds ROD SWCL or RRUSCO

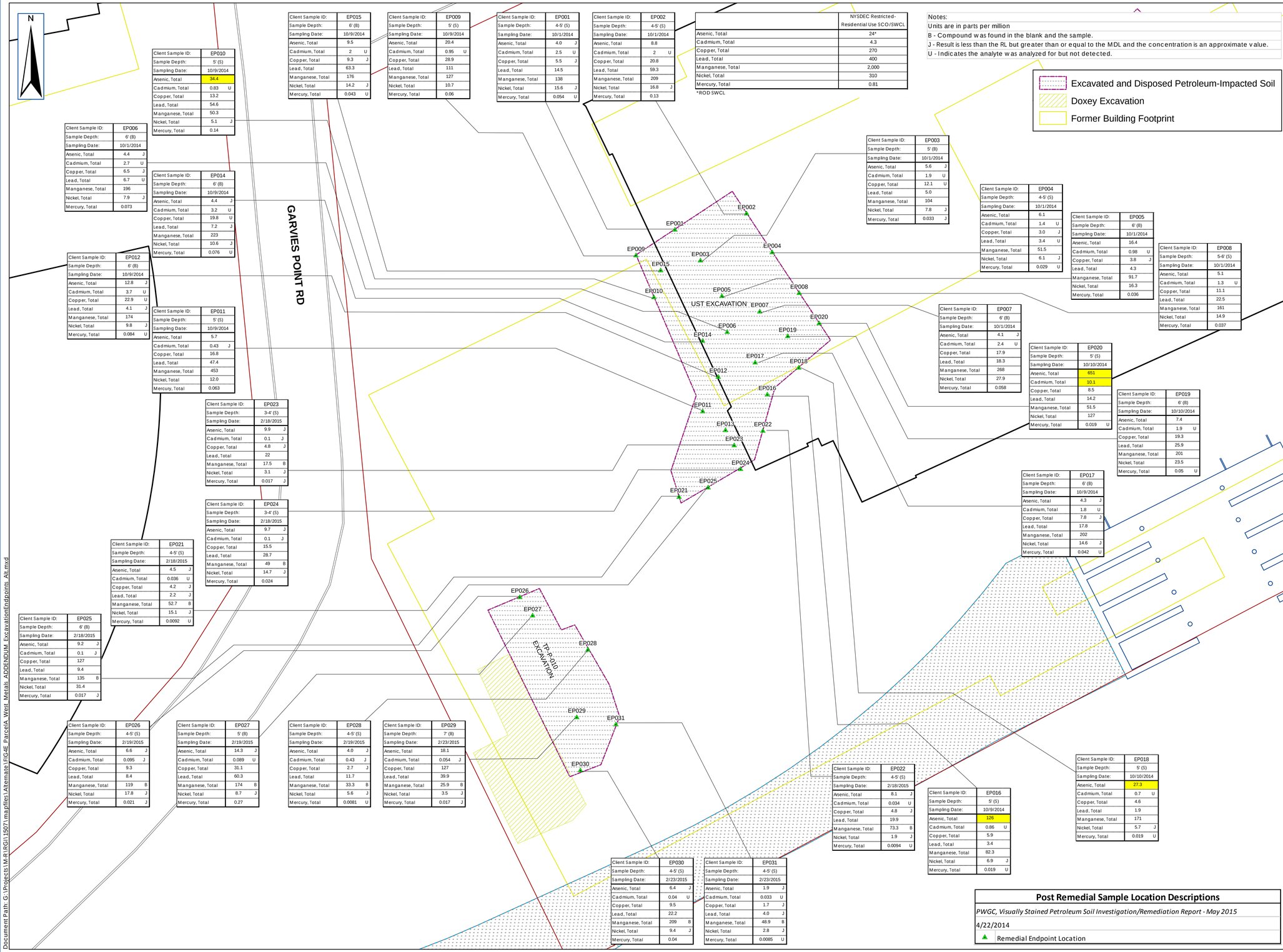
- Property Boundary
- Curbline
- Proposed Bulkhead Excavation
- Excavation performed as part of Doxey Remediation
- Former Building Footprint
- Petroleum Excavation
- Proposed Building

DRAWING INFORMATION:

Project: RGI1507	Designed by: DE
Date: 2/17/2016	Drawn by: JCG
Scale: AS SHOWN	Approved by: DE

FIGURE NO: 4D

Document Path: G:\Projects\M-R\RGI1507\maphed\Alternate\F-02-AD_Parcel A_West_Metals_Alt.mxd



Client Sample ID:	EP015
Sample Depth:	6' (B)
Sampling Date:	10/9/2014
Arsenic, Total	9.5
Cadmium, Total	2 U
Copper, Total	9.3 J
Lead, Total	63.3
Manganese, Total	176
Nickel, Total	14.2 J
Mercury, Total	0.043 U

Client Sample ID:	EP009
Sample Depth:	5' (S)
Sampling Date:	10/9/2014
Arsenic, Total	20.4
Cadmium, Total	0.95 U
Copper, Total	28.9
Lead, Total	111
Manganese, Total	127
Nickel, Total	10.7
Mercury, Total	0.06

Client Sample ID:	EP001
Sample Depth:	4-5' (S)
Sampling Date:	10/1/2014
Arsenic, Total	4.0 J
Cadmium, Total	2.5 U
Copper, Total	5.5 J
Lead, Total	14.5
Manganese, Total	138
Nickel, Total	15.6 J
Mercury, Total	0.054 U

Client Sample ID:	EP002
Sample Depth:	4-5' (S)
Sampling Date:	10/1/2014
Arsenic, Total	8.8
Cadmium, Total	2 U
Copper, Total	20.8
Lead, Total	59.3
Manganese, Total	209
Nickel, Total	16.8 J
Mercury, Total	0.13

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL

Notes:
Units are in parts per million
B - Compound was found in the blank and the sample.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.

Excavated and Disposed Petroleum-Impacted Soil
Doxey Excavation
Former Building Footprint

Client Sample ID:	EP010
Sample Depth:	5' (S)
Sampling Date:	10/9/2014
Arsenic, Total	34.4
Cadmium, Total	0.83 U
Copper, Total	13.2
Lead, Total	54.6
Manganese, Total	50.3
Nickel, Total	5.1 J
Mercury, Total	0.14

Client Sample ID:	EP006
Sample Depth:	6' (B)
Sampling Date:	10/1/2014
Arsenic, Total	4.4 J
Cadmium, Total	2.7 U
Copper, Total	6.5 J
Lead, Total	6.7 U
Manganese, Total	196
Nickel, Total	7.9 J
Mercury, Total	0.073

Client Sample ID:	EP014
Sample Depth:	6' (B)
Sampling Date:	10/9/2014
Arsenic, Total	4.4 J
Cadmium, Total	3.2 U
Copper, Total	19.8 U
Lead, Total	7.2 J
Manganese, Total	223
Nickel, Total	10.6 J
Mercury, Total	0.076 U

Client Sample ID:	EP012
Sample Depth:	6' (B)
Sampling Date:	10/9/2014
Arsenic, Total	12.8 J
Cadmium, Total	3.7 U
Copper, Total	22.9 U
Lead, Total	4.1 J
Manganese, Total	174
Nickel, Total	9.8 J
Mercury, Total	0.084 U

Client Sample ID:	EP011
Sample Depth:	5' (S)
Sampling Date:	10/9/2014
Arsenic, Total	5.7
Cadmium, Total	0.43 J
Copper, Total	16.8
Lead, Total	47.4
Manganese, Total	453
Nickel, Total	12.0
Mercury, Total	0.063

Client Sample ID:	EP023
Sample Depth:	3-4' (S)
Sampling Date:	2/18/2015
Arsenic, Total	9.9 J
Cadmium, Total	0.1 J
Copper, Total	4.8 J
Lead, Total	22
Manganese, Total	17.5 B
Nickel, Total	3.1 J
Mercury, Total	0.017 J

Client Sample ID:	EP024
Sample Depth:	3-4' (S)
Sampling Date:	2/18/2015
Arsenic, Total	9.7 J
Cadmium, Total	0.1 J
Copper, Total	15.5
Lead, Total	28.7
Manganese, Total	49 B
Nickel, Total	14.7 J
Mercury, Total	0.024

Client Sample ID:	EP021
Sample Depth:	4-5' (S)
Sampling Date:	2/18/2015
Arsenic, Total	4.5 J
Cadmium, Total	0.036 U
Copper, Total	4.2 J
Lead, Total	2.2 J
Manganese, Total	52.7 B
Nickel, Total	15.1 J
Mercury, Total	0.0092 U

Client Sample ID:	EP025
Sample Depth:	6' (B)
Sampling Date:	2/18/2015
Arsenic, Total	9.2 J
Cadmium, Total	0.1 J
Copper, Total	127
Lead, Total	9.4
Manganese, Total	135 B
Nickel, Total	31.4
Mercury, Total	0.017 J

Client Sample ID:	EP026
Sample Depth:	4-5' (S)
Sampling Date:	2/19/2015
Arsenic, Total	6.6 J
Cadmium, Total	0.095 J
Copper, Total	9.3
Lead, Total	8.4
Manganese, Total	119 B
Nickel, Total	17.8 J
Mercury, Total	0.021 J

Client Sample ID:	EP027
Sample Depth:	5' (B)
Sampling Date:	2/19/2015
Arsenic, Total	14.3 J
Cadmium, Total	0.089 U
Copper, Total	31.1
Lead, Total	60.3
Manganese, Total	174 B
Nickel, Total	8.7 J
Mercury, Total	0.27

Client Sample ID:	EP028
Sample Depth:	4-5' (S)
Sampling Date:	2/19/2015
Arsenic, Total	4.0 J
Cadmium, Total	0.43 J
Copper, Total	2.7 J
Lead, Total	11.7
Manganese, Total	33.3 B
Nickel, Total	5.6 J
Mercury, Total	0.0081 U

Client Sample ID:	EP029
Sample Depth:	7' (B)
Sampling Date:	2/23/2015
Arsenic, Total	18.1
Cadmium, Total	0.054 J
Copper, Total	127
Lead, Total	39.9
Manganese, Total	25.9 B
Nickel, Total	3.5 J
Mercury, Total	0.017 J

Client Sample ID:	EP030
Sample Depth:	4-5' (S)
Sampling Date:	2/23/2015
Arsenic, Total	6.4 J
Cadmium, Total	0.04 U
Copper, Total	9.5
Lead, Total	22.2
Manganese, Total	209 B
Nickel, Total	9.4 J
Mercury, Total	0.04

Client Sample ID:	EP031
Sample Depth:	4-5' (S)
Sampling Date:	2/23/2015
Arsenic, Total	1.9 J
Cadmium, Total	0.033 U
Copper, Total	1.7 J
Lead, Total	4.0 J
Manganese, Total	48.9 B
Nickel, Total	2.8 J
Mercury, Total	0.0085 U

Client Sample ID:	EP003
Sample Depth:	5' (B)
Sampling Date:	10/1/2014
Arsenic, Total	5.6 J
Cadmium, Total	1.9 U
Copper, Total	12.1 U
Lead, Total	5.0
Manganese, Total	104
Nickel, Total	7.8 J
Mercury, Total	0.033 J

Client Sample ID:	EP004
Sample Depth:	4-5' (S)
Sampling Date:	10/1/2014
Arsenic, Total	6.1
Cadmium, Total	1.4 U
Copper, Total	3.0 J
Lead, Total	3.4 U
Manganese, Total	51.5
Nickel, Total	6.1 J
Mercury, Total	0.029 U

Client Sample ID:	EP005
Sample Depth:	6' (B)
Sampling Date:	10/1/2014
Arsenic, Total	16.4
Cadmium, Total	0.98 U
Copper, Total	3.8 J
Lead, Total	4.3
Manganese, Total	91.7
Nickel, Total	16.3
Mercury, Total	0.036

Client Sample ID:	EP008
Sample Depth:	5-6' (S)
Sampling Date:	10/1/2014
Arsenic, Total	5.1
Cadmium, Total	1.3 U
Copper, Total	11.1
Lead, Total	22.5
Manganese, Total	161
Nickel, Total	14.9
Mercury, Total	0.037

Client Sample ID:	EP007
Sample Depth:	6' (B)
Sampling Date:	10/1/2014
Arsenic, Total	4.1 J
Cadmium, Total	2.4 U
Copper, Total	17.9
Lead, Total	18.3
Manganese, Total	268
Nickel, Total	27.9
Mercury, Total	0.058

Client Sample ID:	EP020
Sample Depth:	5' (S)
Sampling Date:	10/10/2014
Arsenic, Total	651
Cadmium, Total	10.1
Copper, Total	8.5
Lead, Total	14.2
Manganese, Total	51.5
Nickel, Total	127
Mercury, Total	0.019 U

Client Sample ID:	EP019
Sample Depth:	6' (B)
Sampling Date:	10/10/2014
Arsenic, Total	7.4
Cadmium, Total	1.9 U
Copper, Total	19.3
Lead, Total	25.9
Manganese, Total	201
Nickel, Total	23.5
Mercury, Total	0.05 U

Client Sample ID:	EP017
Sample Depth:	6' (B)
Sampling Date:	10/9/2014
Arsenic, Total	4.3 J
Cadmium, Total	1.8 U
Copper, Total	7.8 J
Lead, Total	17.8
Manganese, Total	202
Nickel, Total	14.6 J
Mercury, Total	0.042 U

Client Sample ID:	EP022
Sample Depth:	4-5' (S)
Sampling Date:	2/18/2015
Arsenic, Total	8.1 J
Cadmium, Total	0.034 U
Copper, Total	4.8 J
Lead, Total	19.9
Manganese, Total	73.3 B
Nickel, Total	1.9 J
Mercury, Total	0.0094 U

Client Sample ID:	EP016
Sample Depth:	5' (S)
Sampling Date:	10/9/2014
Arsenic, Total	126
Cadmium, Total	0.86 U
Copper, Total	5.9
Lead, Total	3.4
Manganese, Total	82.3
Nickel, Total	6.9 J
Mercury, Total	0.019 U

Client Sample ID:	EP018
Sample Depth:	5' (S)
Sampling Date:	10/10/2014
Arsenic, Total	27.3
Cadmium, Total	0.7 U
Copper, Total	4.6
Lead, Total	1.9
Manganese, Total	171
Nickel, Total	5.7 J
Mercury, Total	0.019 U

Post Remedial Sample Location Descriptions

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report - May 2015

4/22/2014

▲ Remedial Endpoint Location

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Addendum: PARCEL A (WEST) METALS (EXCAVATION ENDPOINTS)

GLEN ISLE

0 20 40 60 80 Feet

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DRAWING PREPARED FOR:

Soil

Exceeds ROD SWCL or RRUSCO

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/18/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

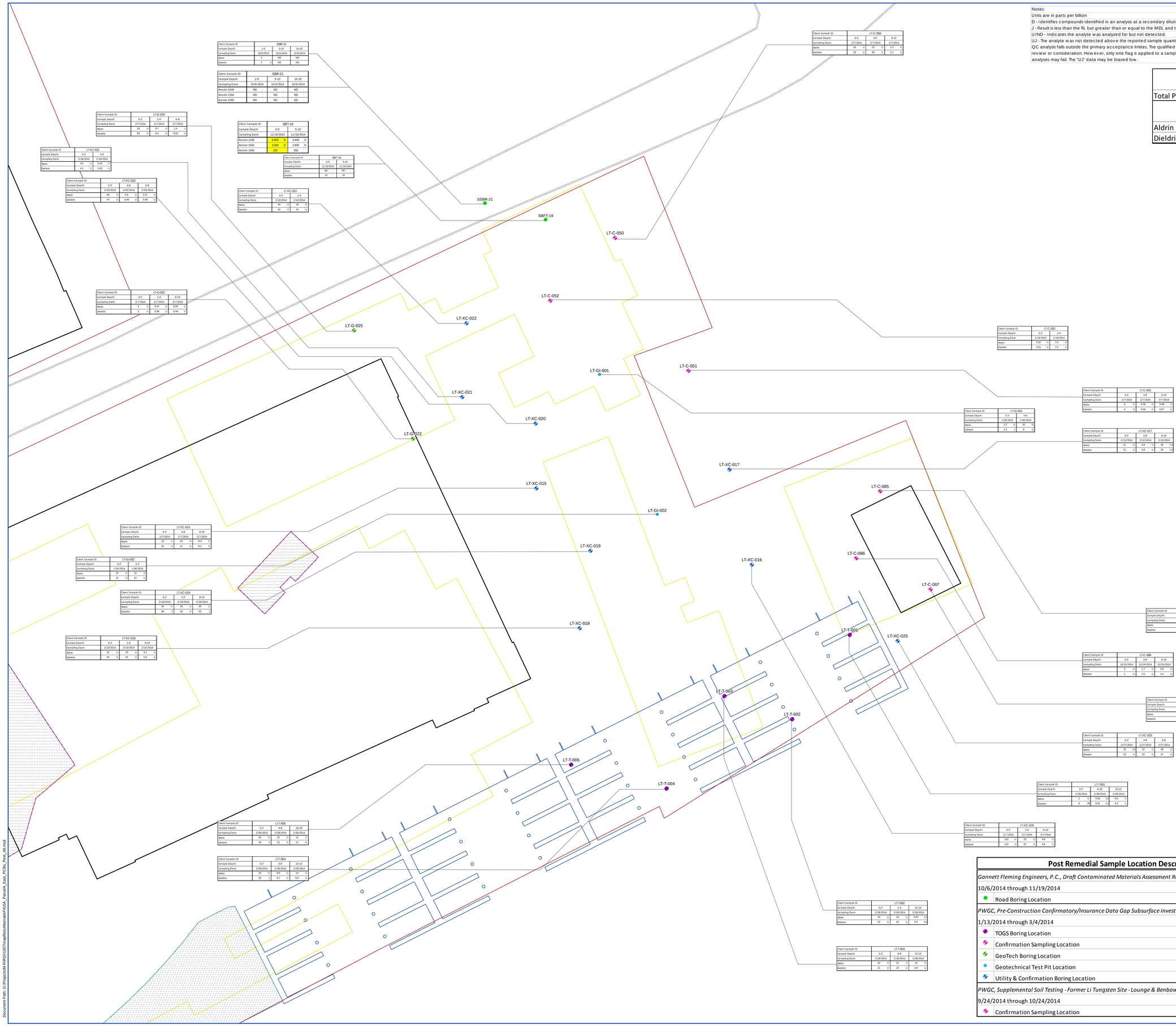
FIGURE NO: 4E

Document Path: G:\Projects\M-R\RGI\1507\mapfiles\Alternate\FIGIIE_ParcelA_West_Metals_ADDENDUM_ExcavationEndpoints_Alt.mxd

Notes:
Units are in parts per billion
D - Identifies compounds identified in an analysis at a secondary dilution factor.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantification limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limites. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO
Total PCBs	1,000

	NYSDEC Restricted-Residential Use SCO
Aldrin	97
Dieldrin	200



Client Sample ID:	SSBR-21		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/6/2014	10/6/2014	10/6/2014
Aldrin	3	ND	ND
Dieldrin	2 J	ND	ND

Client Sample ID:	SSBR-21		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/6/2014	10/6/2014	10/6/2014
Aroclor 1248	ND	ND	ND
Aroclor 1254	ND	ND	ND
Aroclor 1260	ND	ND	ND

Client Sample ID:	LT-C-050		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Aldrin	24 U	23 U	2.2 U
Dieldrin	23 U	93 U	2.2 U

Client Sample ID:	LT-G-025		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Aldrin	10 U	9.7 U	1.4 J
Dieldrin	93 U	9.5 U	0.43 U

Client Sample ID:	SBFT-19		
Sample Depth:	0-5'	5-10'	
Sampling Date:	11/19/2014	11/19/2014	
Aroclor 1248	3,500 D	5,400 D	
Aroclor 1254	3,300 D	2,600 D	
Aroclor 1260	220	260	

Client Sample ID:	SBFT-19	
Sample Depth:	0-5'	5-10'
Sampling Date:	11/19/2014	11/19/2014
Aldrin	ND	ND
Dieldrin	18	14

Client Sample ID:	LT-XC-021	
Sample Depth:	0-2'	4-6'
Sampling Date:	2/18/2014	2/18/2014
Aldrin	4.2 U	0.40 U
Dieldrin	4.1 U	0.42 U

Client Sample ID:	LT-XC-020		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/20/2014	2/20/2014	2/20/2014
Aldrin	48 U	0.5 U	0.47 U
Dieldrin	47 U	0.49 U	0.45 U

Client Sample ID:	LT-XC-022	
Sample Depth:	0-2'	2-4'
Sampling Date:	2/18/2014	2/18/2014
Aldrin	44 U	43 U
Dieldrin	42 U	42 U

Client Sample ID:	LT-G-022		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Aldrin	2 U	0.47 U	0.45 U
Dieldrin	2 U	0.46 U	0.44 U

Client Sample ID:	LT-C-052	
Sample Depth:	0-2'	2-4'
Sampling Date:	2/10/2014	2/10/2014
Aldrin	0.52 U	2.5 U
Dieldrin	0.51 U	2.5 U

Client Sample ID:	LT-C-051		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Aldrin	4 U	0.45 U	0.48 U
Dieldrin	4 U	0.44 U	0.47 U

Client Sample ID:	LT-GI-001	
Sample Depth:	0-2'	4-6'
Sampling Date:	1/30/2014	1/30/2014
Aldrin	2.2 U	22 U
Dieldrin	2.4 J	9 U

Client Sample ID:	LT-XC-017		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/10/2014	2/10/2014	2/10/2014
Aldrin	21 U	4.9 U	35 U
Dieldrin	21 U	4.8 U	34 U

Client Sample ID:	LT-XC-015		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Aldrin	23 U	22 U	9.4 U
Dieldrin	22 U	21 U	9.2 U

Client Sample ID:	LT-GI-002	
Sample Depth:	0-2'	2-4'
Sampling Date:	1/30/2014	1/30/2014
Aldrin	22 U	22 U
Dieldrin	21 U	21 U

Client Sample ID:	LT-XC-019		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/18/2014	2/18/2014	2/18/2014
Aldrin	44 U	43 U	45 U
Dieldrin	45 J	42 U	52 J

Client Sample ID:	LT-XC-018		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/10/2014	2/10/2014	2/10/2014
Aldrin	22 U	23 U	5.1 U
Dieldrin	22 U	22 U	5.0 U

Client Sample ID:	LT-C-085		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Aldrin	2 U	1.7 U	1.9 U
Dieldrin	1 U	1.5 U	1.5 U

Client Sample ID:	LT-C-086		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Aldrin	2 U	1.7 U	1.8 U
Dieldrin	1 U	1.5 U	1.4 U

Client Sample ID:	LT-C-087		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	10/24/2014	10/24/2014	10/24/2014
Aldrin	2 U	1.6 U	1.6 U
Dieldrin	1 U	1.4 U	1.3 U

Client Sample ID:	LT-XC-025		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/27/2014	2/27/2014	2/27/2014
Aldrin	23 UJ	22 U	38 U
Dieldrin	22 U	22 U	37 U

Client Sample ID:	LT-T-001		
Sample Depth:	0-2'	8-10'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Aldrin	2 U	0.93 UJ	9.5 U
Dieldrin	6 JN	0.91 UJ	5.3 U

Client Sample ID:	LT-XC-016		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/7/2014	2/7/2014	2/7/2014
Aldrin	110 U	23 U	4.8 U
Dieldrin	110 U	22 U	4.6 U

Client Sample ID:	LT-T-002		
Sample Depth:	0-2'	2-4'	12-14'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Aldrin	23 U	23 U	0.51 UJ
Dieldrin	23 U	22 U	0.5 UJ

Client Sample ID:	LT-T-003		
Sample Depth:	0-2'	6-8'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Aldrin	22 U	22 U	10 U
Dieldrin	21 U	22 U	9.9 U

Client Sample ID:	LT-T-005		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Aldrin	24 U	22 U	11 U
Dieldrin	43 J	21 U	11 U

Client Sample ID:	LT-T-004		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Aldrin	23 U	9.9 U	10 U
Dieldrin	33 J	9.7 U	9.9 U

Post Remedial Sample Location Descriptions

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- TOGS Boring Location
- Confirmation Sampling Location
- GeoTech Boring Location
- Geotechnical Test Pit Location
- Utility & Confirmation Boring Location

PWGC, Supplemental Soil Testing - Former Li Tungsten Site - Lounge & Benbow Buildings; December 2014

9/24/2014 through 10/24/2014

- Confirmation Sampling Location

PWGC
Strategic Environmental and Engineering Solutions
P.W. GROSSER CONSULTING, INC.
630 Johnson Avenue. • Suite 7
Bohemia • NY • 11716-2618
Phone: (631) 589-6353 • Fax: (631) 589-8705
E-mail: INFO@PWGROSSER.COM

LI TUNGSTEN PARCEL A (EAST) PCBs/PESTICIDES

GLEN ISLE

Feet
0 10 20 30 40

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DRAWING PREPARED FOR:

Soil

Exceeds RRUSCO

- Property Boundary
- Curbline
- Proposed Bulkhead Excavation
- Excavation performed as part of Doxey Remediation
- Former Building Footprint
- Petroleum Excavation
- Proposed Building

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale: AS SHOWN		Approved by:	DE

FIGURE NO:

5A

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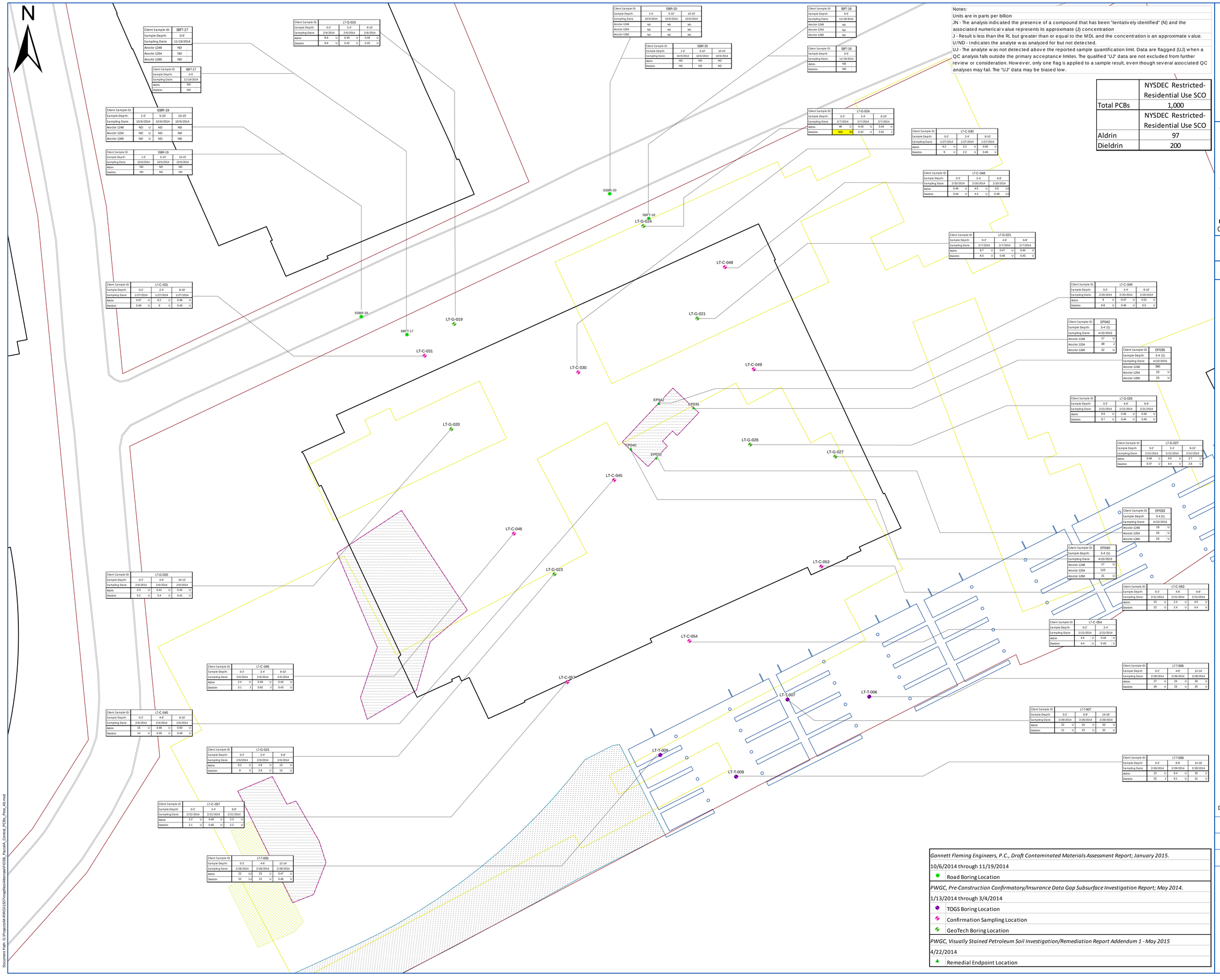

Client Sample ID:	SBFT-17
Sample Depth:	0-5'
Sampling Date:	11/19/2014
Aroclor 1248	ND
Aroclor 1254	ND
Aroclor 1260	ND

Client Sample ID:	SBFT-17
Sample Depth:	0-5'
Sampling Date:	11/19/2014
Aldrin	ND
Dieldrin	ND

Client Sample ID:	SSBR-19					
Sample Depth:	1-5'		5-10'		10-15'	
Sampling Date:	10/6/2014		10/6/2014		10/6/2014	
Aroclor 1248	ND	U	ND		ND	
Aroclor 1254	ND	U	ND		ND	
Aroclor 1260	ND	U	ND		ND	

Client Sample ID:	SSBR-19					
Sample Depth:	1-5'		5-10'		10-15'	
Sampling Date:	10/6/2014		10/6/2014		10/6/2014	
Aldrin	ND		ND		ND	
Dieldrin	ND		ND		ND	

Client Sample ID:	LT-G-019					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Aldrin	8.8	U	0.43	U	0.44	U
Dieldrin	8.6	U	0.42	U	0.42	U

Client Sample ID:	LT-C-031					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/27/2014		1/27/2014		1/27/2014	
Aldrin	0.47	U	9.2	U	0.46	U
Dieldrin	0.46	U	9	U	0.45	U

Client Sample ID:	SSBR-20					
Sample Depth:	1-5'		5-10'		10-15'	
Sampling Date:	10/6/2014		10/6/2014		10/6/2014	
Aroclor 1248	ND		ND		ND	
Aroclor 1254	ND		ND		ND	
Aroclor 1260	ND		ND		ND	

Client Sample ID:	SSBR-20					
Sample Depth:	1-5'		5-10'		10-15'	
Sampling Date:	10/6/2014		10/6/2014		10/6/2014	
Aldrin	ND		ND		ND	
Dieldrin	ND		ND		ND	

Client Sample ID:	SBFT-18
Sample Depth:	0-5'
Sampling Date:	11/19/2014
Aroclor 1248	ND
Aroclor 1254	ND
Aroclor 1260	ND

Client Sample ID:	SBFT-18
Sample Depth:	0-5'
Sampling Date:	11/19/2014
Aldrin	ND
Dieldrin	ND

Client Sample ID:	LT-G-024					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/7/2014		2/7/2014		2/7/2014	
Aldrin	46	U	0.43	U	0.43	U
Dieldrin	960	JN	0.42	U	0.52	J

Client Sample ID:	LT-C-030					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/27/2014		1/27/2014		1/27/2014	
Aldrin	9.2	U	2.2	U	0.50	U
Dieldrin	9	U	2.2	U	0.49	U

Client Sample ID:	LT-C-048					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/20/2014		2/20/2014		2/20/2014	
Aldrin	0.46	U	4.5	U	0.5	UJ
Dieldrin	0.44	U	4.4	U	0.48	UJ

Client Sample ID:	LT-C-021					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/7/2014		2/7/2014		2/7/2014	
Aldrin	8.7	U	0.47	U	0.44	U
Dieldrin	8.5	U	0.46	U	0.43	U

Client Sample ID:	LT-C-049					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/20/2014		2/20/2014		2/20/2014	
Aldrin	9	U	0.47	U	0.51	U
Dieldrin	8.8	U	0.46	U	0.5	U

Client Sample ID:	EP042
Sample Depth:	3-4' (S)
Sampling Date:	4/22/2015
Aroclor 1248	17 U
Aroclor 1254	48 J
Aroclor 1260	22 U

Client Sample ID:	EP035
Sample Depth:	3-4' (S)
Sampling Date:	4/22/2015
Aroclor 1248	380
Aroclor 1254	23 U
Aroclor 1260	23 U

Client Sample ID:	LT-G-026					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/21/2014		2/21/2014		2/21/2014	
Aldrin	9.9	U	0.45	U	0.46	U
Dieldrin	9.7	U	0.44	U	0.45	U

Client Sample ID:	LT-G-027					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/21/2014		2/21/2014		2/21/2014	
Aldrin	0.48	U	4.5	U	2.7	U
Dieldrin	0.47	U	4.4	U	2.6	U

Client Sample ID:	EP033
Sample Depth:	3-4' (S)
Sampling Date:	4/22/2015
Aroclor 1248	19 U
Aroclor 1254	24 U
Aroclor 1260	24 U

Client Sample ID:	EP040
Sample Depth:	3-4' (S)
Sampling Date:	4/22/2015
Aroclor 1248	17 U
Aroclor 1254	110
Aroclor 1260	21 U

Client Sample ID:	LT-C-053					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/21/2014		2/21/2014		2/21/2014	
Aldrin	23	U	2.4	U	4.5	U
Dieldrin	22	U	2.4	U	4.4	U

Client Sample ID:	LT-C-054			
Sample Depth:	0-2'		2-4'	
Sampling Date:	2/21/2014		2/21/2014	
Aldrin	4.5	U	0.44	U
Dieldrin	4.4	U	0.43	U

Client Sample ID:	LT-T-006					
Sample Depth:	0-2'		4-6'		12-14'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Aldrin	27	U	24	U	26	U
Dieldrin	26	U	23	U	25	U

Client Sample ID:	LT-T-007					
Sample Depth:	0-2'		6-8'		14-16'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Aldrin	22	U	24	U	33	U
Dieldrin	21	U	23	U	32	U

Client Sample ID:	LT-T-008					
Sample Depth:	0-2'		6-8'		14-16'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Aldrin	22	U	9.4	U	32	U
Dieldrin	32	J	9.1	U	31	U

Client Sample ID:	LT-G-020					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Aldrin	4.3	U	0.41	U	0.42	U
Dieldrin	4.2	U	0.4	U	0.41	U

Client Sample ID:	LT-C-046					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Aldrin	2.4	U	0.49	U	0.44	U
Dieldrin	3.1	J	0.62	J	0.43	U

Client Sample ID:	LT-C-045					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Aldrin	15	U	0.46	U	0.50	U
Dieldrin	14	U	0.45	U	0.49	U

Client Sample ID:	LT-G-023					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/6/2014		2/6/2014		2/6/2014	
Aldrin	9.2	U	2.8	U	13	U
Dieldrin	9	U	2.8	U	13	U

Client Sample ID:	LT-C-057					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/21/2014		2/21/2014		2/21/2014	
Aldrin	2.2	U	0.46	U	2.3	U
Dieldrin	2.1	U	0.45	U	2.2	U

Client Sample ID:	LT-T-009					
Sample Depth:	0-2'		4-6'		12-14'	
Sampling Date:	2/28/2014		2/28/2014		2/28/2014	
Aldrin	22	UJ	23	U	0.47	U
Dieldrin	22	UJ	22	U	0.46	U

Notes:
Units are in parts per billion
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantification limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limites. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO
Total PCBs	1,000

	NYSDEC Restricted-Residential Use SCO
Aldrin	97
Dieldrin	200

Soil

Exceeds RRUSCO

Property Boundary
Curbline
Proposed Bulkhead Excavation
Excavation performed as part of Doxey Remediation
Former Building Footprint
Petroleum Excavation
Proposed Building

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.
10/6/2014 through 11/19/2014
Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.
1/13/2014 through 3/4/2014
TOGS Boring Location
Confirmation Sampling Location
GeoTech Boring Location

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report Addendum 1 - May 2015
4/22/2014
Remedial Endpoint Location

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P.W. GROSSER CONSULTING, INC.
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LI TUNGSTEN PARCEL A (CENTRAL) PCBs/PESTICIDES

GLEN ISLE

0 10 20 30 40 Feet

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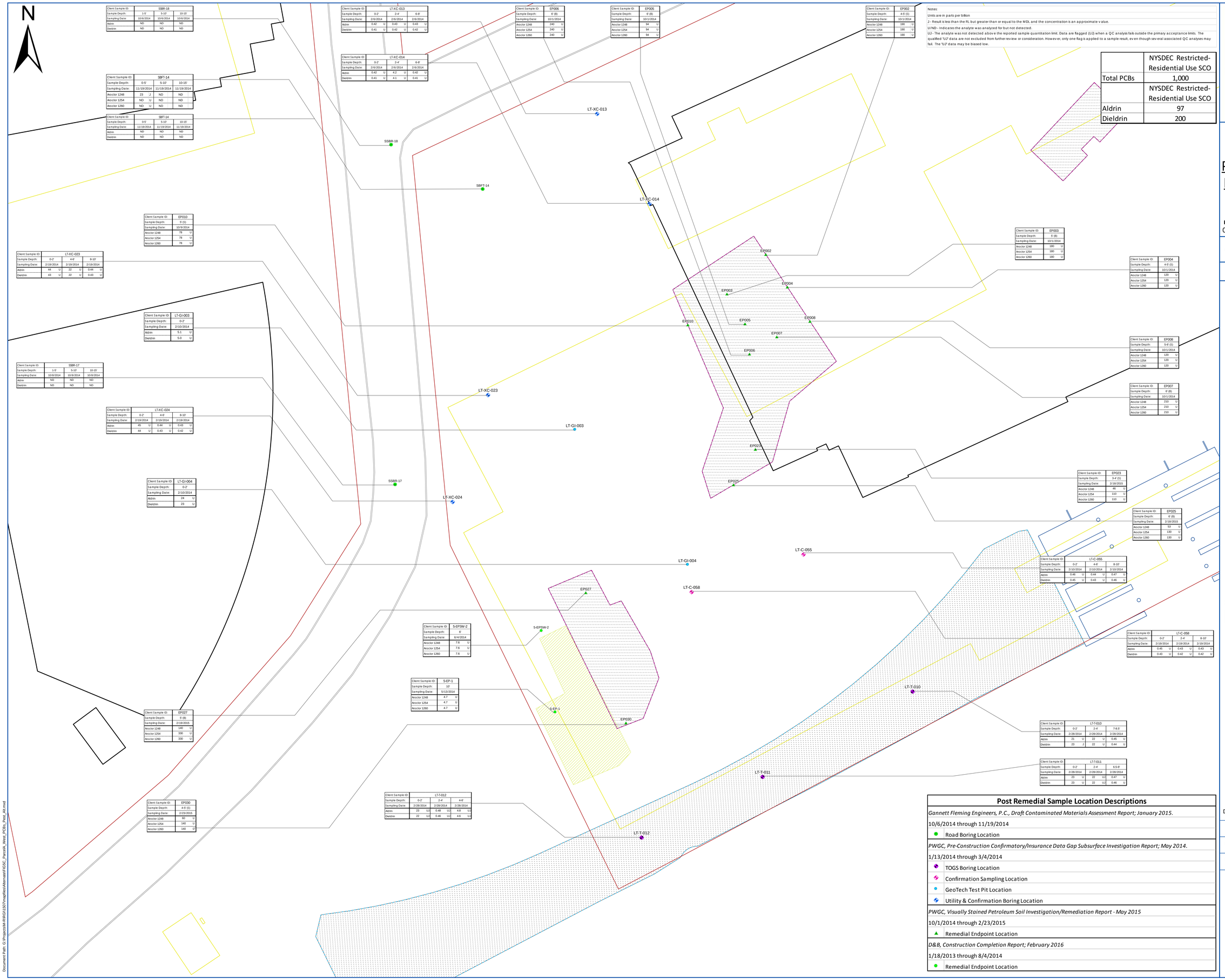
DRAWING PREPARED FOR:

DRAWING INFORMATION:

Project: RGI1507	Designed by: DE
Date: 2/17/2016	Drawn by: JCG
Scale: AS SHOWN	Approved by: DE

FIGURE NO: 5B

Document Path: G:\Projects\M-R\RGI1507\Image\Alternate\PCGB_Parcel A_Central_PCBs_Pest_Alt.mxd



Client Sample ID:	SSBR-18		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/6/2014	10/6/2014	10/6/2014
Aldrin	ND	ND	ND
Dieldrin	ND	ND	ND

Client Sample ID:	SBFT-14		
Sample Depth:	0-5'	5-10'	10-15'
Sampling Date:	11/19/2014	11/19/2014	11/19/2014
Aroclor 1248	23 J	ND	ND
Aroclor 1254	ND U	ND	ND
Aroclor 1260	ND U	ND	ND

Client Sample ID:	SBFT-14		
Sample Depth:	0-5'	5-10'	10-15'
Sampling Date:	11/19/2014	11/19/2014	11/19/2014
Aldrin	ND	ND	ND
Dieldrin	ND	ND	ND

Client Sample ID:	LT-XC-013		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Aldrin	0.42 U	0.43 U	0.43 U
Dieldrin	0.41 U	0.42 U	0.42 U

Client Sample ID:	LT-XC-014		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/6/2014	2/6/2014	2/6/2014
Aldrin	0.42 U	4.2 U	0.42 U
Dieldrin	0.41 U	4.1 U	0.41 U

Client Sample ID:	EP006
Sample Depth:	6' (8)
Sampling Date:	10/1/2014
Aroclor 1248	240 U
Aroclor 1254	240 U
Aroclor 1260	240 U

Client Sample ID:	EP005
Sample Depth:	6' (8)
Sampling Date:	10/1/2014
Aroclor 1248	94 U
Aroclor 1254	94 U
Aroclor 1260	94 U

Client Sample ID:	EP002
Sample Depth:	4-5' (1)
Sampling Date:	10/1/2014
Aroclor 1248	190 U
Aroclor 1254	190 U
Aroclor 1260	190 U

Notes:

Units are in parts per billion

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U/ND - Indicates the analyte was analyzed for but not detected.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO
Total PCBs	1,000

	NYSDEC Restricted-Residential Use SCO
Aldrin	97
Dieldrin	200

Client Sample ID:	EP010
Sample Depth:	5' (1)
Sampling Date:	10/9/2014
Aroclor 1248	78 U
Aroclor 1254	78 U
Aroclor 1260	78 U

Client Sample ID:	LT-XC-023		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/18/2014	2/18/2014	2/18/2014
Aldrin	44 U	22 U	0.44 U
Dieldrin	43 U	22 U	0.43 U

Client Sample ID:	LT-GI-003
Sample Depth:	0-2'
Sampling Date:	2/10/2014
Aldrin	5.1 U
Dieldrin	5.0 U

Client Sample ID:	SSBR-17		
Sample Depth:	1-5'	5-10'	10-15'
Sampling Date:	10/9/2014	10/9/2014	10/9/2014
Aldrin	ND	ND	ND
Dieldrin	ND	ND	ND

Client Sample ID:	LT-XC-024		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/18/2014	2/18/2014	2/18/2014
Aldrin	45 U	0.44 U	0.43 U
Dieldrin	44 U	0.43 U	0.42 U

Client Sample ID:	LT-GI-004
Sample Depth:	0-2'
Sampling Date:	2/10/2014
Aldrin	24 U
Dieldrin	23 U

Client Sample ID:	EP027
Sample Depth:	5' (8)
Sampling Date:	2/18/2015
Aroclor 1248	140 U
Aroclor 1254	330 U
Aroclor 1260	330 U

Client Sample ID:	EP030
Sample Depth:	4-5' (1)
Sampling Date:	2/23/2015
Aroclor 1248	60 U
Aroclor 1254	140 U
Aroclor 1260	140 U

Client Sample ID:	5-EPSW-2
Sample Depth:	6'
Sampling Date:	6/4/2014
Aroclor 1248	7.6 U
Aroclor 1254	7.6 U
Aroclor 1260	7.6 U

Client Sample ID:	5-EP-1
Sample Depth:	10'
Sampling Date:	5/13/2014
Aroclor 1248	4.7 U
Aroclor 1254	4.7 U
Aroclor 1260	4.7 U

Client Sample ID:	LT-T-012		
Sample Depth:	0-2'	2-4'	4-6'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Aldrin	23 UJ	0.48 UJ	4.8 UJ
Dieldrin	22 UJ	0.46 UJ	4.6 UJ

Client Sample ID:	EP003
Sample Depth:	5' (8)
Sampling Date:	10/1/2014
Aroclor 1248	180 U
Aroclor 1254	180 U
Aroclor 1260	180 U

Client Sample ID:	EP004
Sample Depth:	4-5' (1)
Sampling Date:	10/1/2014
Aroclor 1248	120 U
Aroclor 1254	120 U
Aroclor 1260	120 U

Client Sample ID:	EP008
Sample Depth:	5-6' (1)
Sampling Date:	10/1/2014
Aroclor 1248	120 U
Aroclor 1254	120 U
Aroclor 1260	120 U

Client Sample ID:	EP007
Sample Depth:	6' (8)
Sampling Date:	10/1/2014
Aroclor 1248	210 U
Aroclor 1254	210 U
Aroclor 1260	210 U

Client Sample ID:	EP023
Sample Depth:	3-4' (1)
Sampling Date:	2/18/2015
Aroclor 1248	46 U
Aroclor 1254	110 U
Aroclor 1260	110 U

Client Sample ID:	EP025
Sample Depth:	6' (8)
Sampling Date:	2/18/2015
Aroclor 1248	53 U
Aroclor 1254	130 U
Aroclor 1260	130 U

Client Sample ID:	LT-C-055		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/10/2014	2/10/2014	2/10/2014
Aldrin	0.46 U	0.44 U	0.47 U
Dieldrin	0.45 U	0.43 U	0.46 U

Client Sample ID:	LT-C-058		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/19/2014	2/19/2014	2/19/2014
Aldrin	0.45 U	0.43 U	0.43 U
Dieldrin	0.43 U	0.42 U	0.42 U

Client Sample ID:	LT-T-010		
Sample Depth:	0-2'	2-4'	7-8.5'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Aldrin	21 U	22 U	0.45 U
Dieldrin	23 J	22 U	0.44 U

Client Sample ID:	LT-T-011		
Sample Depth:	0-2'	2-4'	6.5-8'
Sampling Date:	2/28/2014	2/28/2014	2/28/2014
Aldrin	23 U	22 UJ	0.47 U
Dieldrin	23 U	22 UJ	0.46 U

Post Remedial Sample Location Descriptions

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- TOGS Boring Location
- Confirmation Sampling Location
- GeoTech Test Pit Location
- Utility & Confirmation Boring Location

PWGC, Visually Stained Petroleum Soil Investigation/Remediation Report - May 2015

10/1/2014 through 2/23/2015

- Remedial Endpoint Location

D&B, Construction Completion Report; February 2016

1/18/2013 through 8/4/2014

- Remedial Endpoint Location

PWGC
Strategic Environmental and Engineering Solutions
P.W. GROSSER CONSULTING, INC.
630 Johnson Avenue. • Suite 7
Bohemia • NY • 11716-2618
Phone: (631) 589-6353 • Fax: (631) 589-8705
E-mail: INFO@PWGROSSER.COM

LI TUNGSTEN PARCEL A (WEST) PCBs/PESTICIDES

GLEN ISLE

0 10 20 30 40 Feet

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DRAWING PREPARED FOR:

Soil

- Exceeds RRUSCO

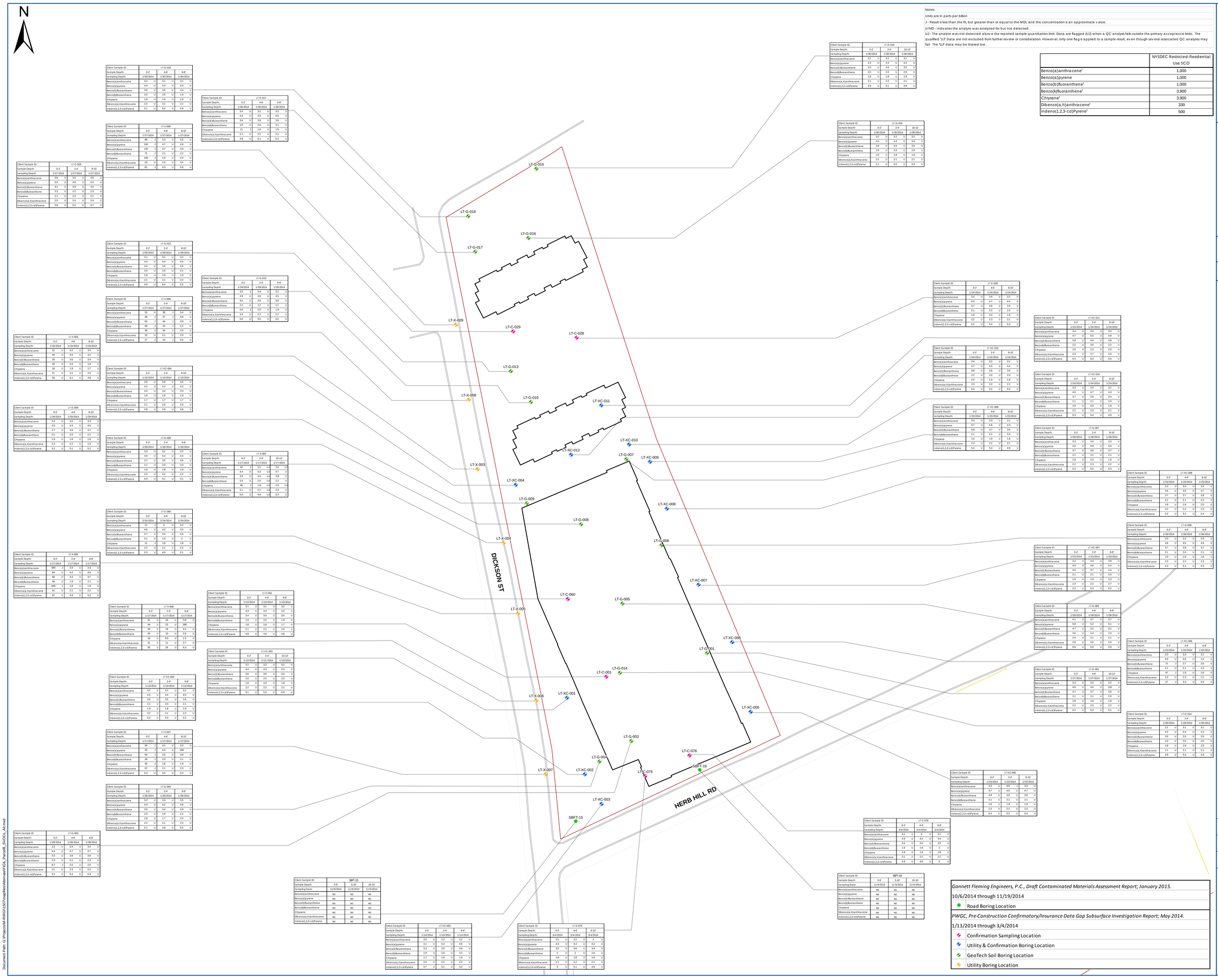
- Property Boundary
- Curbline
- Proposed Bulkhead Excavation
- Excavation performed as part of Doxey Remediation
- Former Building Footprint
- Petroleum Excavation
- Proposed Building

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

FIGURE NO: 5C

Document Path: G:\Projects\M-R\RGI1507\maps\Revisions\PCBs_Pesticides\LT_Parcel A_West_PCBs_Pest_Rev.mxd



Notes:

Units are in parts per billion

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U/ND - Indicates the analyte was analyzed for but not detected.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO
Benzo(a)anthracene[1]	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene[1]	1,000
Benzo(k)fluoranthene[1]	3,900
Chrysene[1]	3,900
Dibenzo(a,h)anthracene[1]	330
Indeno(1,2,3-cd)Pyrene[1]	500

Client Sample ID:	LT-G-015		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Depth:	1/30/2014	1/30/2014	1/30/2014
Benzo(a)anthracene	3.1 U	3.2 U	3.1 U
Benzo(a)pyrene	4.3 U	4.4 U	4.3 U
Benzo(b)fluoranthene	3.5 U	3.6 U	3.5 U
Benzo(k)fluoranthene	2.0 U	2.0 U	2.0 U
Chrysene	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene	2.1 U	2.2 U	2.1 U
Indeno(1,2,3-cd)Pyrene	4.9 U	5.1 U	4.9 U

Client Sample ID:	LT-G-016		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Depth:	1/30/2014	1/30/2014	1/30/2014
Benzo(a)anthracene	3.2 U	3.2 U	3.1 U
Benzo(a)pyrene	4.4 U	4.4 U	4.4 U
Benzo(b)fluoranthene	3.6 U	3.5 U	3.5 U
Benzo(k)fluoranthene	2.0 U	2.0 U	2.0 U
Chrysene	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.1 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5.1 U	5.0 U	5.0 U

Client Sample ID:	LT-G-018		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/30/2014	1/30/2014	1/30/2014
Benzo(a)anthracene	3.2 U	3.1 U	3.1 U
Benzo(a)pyrene	4.4 U	4.3 U	4.3 U
Benzo(b)fluoranthene	3.6 U	3.5 U	3.4 U
Benzo(k)fluoranthene	2.0 U	2.0 U	1.9 U
Chrysene	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.1 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5.1 U	5.0 U	4.9 U

Client Sample ID:	LT-G-017		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/30/2014	1/30/2014	1/30/2014
Benzo(a)anthracene	3.0 U	3.2 U	3.2 U
Benzo(a)pyrene	4.2 U	4.5 U	4.5 U
Benzo(b)fluoranthene	3.4 U	3.6 U	3.6 U
Benzo(k)fluoranthene	1.9 U	2.0 U	2.1 U
Chrysene	1.1 J	1.8 U	1.9 U
Dibenzo(a,h)anthracene	2.1 U	2.2 U	2.2 U
Indeno(1,2,3-cd)Pyrene	4.9 U	5.1 U	5.2 U

Client Sample ID:	LT-X-009		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	1/27/2014	1/27/2014	1/27/2014
Benzo(a)anthracene	98 J	3.3 U	3.5 U
Benzo(a)pyrene	140 J	4.7 U	4.9 U
Benzo(b)fluoranthene	120 J	3.7 U	3.9 U
Benzo(k)fluoranthene	75 J	2.1 U	2.2 U
Chrysene	100 J	1.9 U	2.0 U
Dibenzo(a,h)anthracene	10 J	2.3 U	2.4 U
Indeno(1,2,3-cd)Pyrene	61 J	5.3 U	5.6 U

Client Sample ID:	LT-C-029		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/27/2014	1/27/2014	1/27/2014
Benzo(a)anthracene	3.6 U	3.5 U	3.6 U
Benzo(a)pyrene	5.0 U	4.8 U	5.0 U
Benzo(b)fluoranthene	4.1 U	3.9 U	4.0 U
Benzo(k)fluoranthene	2.3 U	2.2 U	2.3 U
Chrysene	2.1 U	2.0 U	2.1 U
Dibenzo(a,h)anthracene	2.5 U	2.4 U	2.4 U
Indeno(1,2,3-cd)Pyrene	5.8 U	5.5 U	5.7 U

Client Sample ID:	LT-G-013		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/29/2014	1/29/2014	1/29/2014
Benzo(a)anthracene	3.1 U	3.1 U	3.2 U
Benzo(a)pyrene	4.3 U	4.4 U	4.5 U
Benzo(b)fluoranthene	3.4 U	3.5 U	3.6 U
Benzo(k)fluoranthene	2.0 U	2.0 U	2.1 U
Chrysene	1.8 U	1.8 U	1.9 U
Dibenzo(a,h)anthracene	2.1 U	2.1 U	2.2 U
Indeno(1,2,3-cd)Pyrene	4.9 U	5.0 U	5.2 U

Client Sample ID:	LT-G-010		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/29/2014	1/29/2014	1/29/2014
Benzo(a)anthracene	3.5 J	3.4 U	3.2 U
Benzo(a)pyrene	4.9 U	4.8 U	4.5 U
Benzo(b)fluoranthene	4.0 U	3.8 U	3.6 U
Benzo(k)fluoranthene	2.2 U	2.2 U	2.1 U
Chrysene	2.0 J	2.0 U	1.9 U
Dibenzo(a,h)anthracene	2.4 U	2.3 U	2.2 U
Indeno(1,2,3-cd)Pyrene	5.6 U	5.5 U	5.2 U

Client Sample ID:	LT-X-008		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/27/2014	1/27/2014	1/27/2014
Benzo(a)anthracene	18 U	30 J	3.4 U
Benzo(a)pyrene	39 J	37 J	4.8 U
Benzo(b)fluoranthene	53 J	44 J	3.9 U
Benzo(k)fluoranthene	48 J	24 J	2.2 U
Chrysene	36 J	34 J	2.0 U
Dibenzo(a,h)anthracene	10 U	2.1 U	2.3 U
Indeno(1,2,3-cd)Pyrene	27 J	13 J	5.5 U

Client Sample ID:	LT-XC-004		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Benzo(a)anthracene	3.0 U	3.0 U	3.0 U
Benzo(a)pyrene	4.2 U	4.2 U	4.2 U
Benzo(b)fluoranthene	3.4 U	3.4 U	3.3 U
Benzo(k)fluoranthene	1.9 U	1.9 U	1.9 U
Chrysene	1.7 U	1.7 U	1.7 U
Dibenzo(a,h)anthracene	2.1 U	2.0 U	2.0 U
Indeno(1,2,3-cd)Pyrene	4.8 U	4.8 U	4.8 U

Client Sample ID:	LT-C-028		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/24/2014	1/24/2014	1/24/2014
Benzo(a)anthracene	3.3 U	3.4 U	3.2 U
Benzo(a)pyrene	4.5 U	4.7 U	4.4 U
Benzo(b)fluoranthene	3.7 U	3.8 U	3.5 U
Benzo(k)fluoranthene	2.1 U	2.2 U	2.0 U
Chrysene	1.9 U	2.0 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.3 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5.2 U	5.4 U	5.0 U

Client Sample ID:	LT-XC-011		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/24/2014	1/24/2014	1/24/2014
Benzo(a)anthracene	3.4 U	3.2 U	3.1 U
Benzo(a)pyrene	4.7 U	4.5 U	4.4 U
Benzo(b)fluoranthene	3.8 U	3.6 U	3.5 U
Benzo(k)fluoranthene	2.2 U	2.0 U	2.0 U
Chrysene	2.0 U	1.9 U	1.8 U
Dibenzo(a,h)anthracene	2.3 U	2.2 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5.4 U	5.1 U	5.0 U

Client Sample ID:	LT-XC-009		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Benzo(a)anthracene	3.3 U	3.3 U	3.1 U
Benzo(a)pyrene	4.7 U	4.6 U	4.3 U
Benzo(b)fluoranthene	3.8 U	3.7 U	3.5 U
Benzo(k)fluoranthene	2.1 U	2.1 U	2.0 U
Chrysene	1.9 U	1.9 U	1.8 U
Dibenzo(a,h)anthracene	2.3 U	2.2 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5.4 U	5.3 U	4.9 U

Client Sample ID:	LT-XC-010		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/24/2014	1/24/2014	1/24/2014
Benzo(a)anthracene	3.6 U	3.4 U	3.5 U
Benzo(a)pyrene	4.8 U	4.7 U	4.3 U
Benzo(b)fluoranthene	3.7 U	3.8 U	3.4 U
Benzo(k)fluoranthene	2.1 U	2.1 U	2.0 U
Chrysene	1.9 U	2.0 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.3 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5.3 U	5.4 U	4.9 U

Client Sample ID:	LT-XC-007		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Benzo(a)anthracene	3.3 U	3.4 U	3.3 U
Benzo(a)pyrene	4.6 U	4.8 U	4.6 U
Benzo(b)fluoranthene	3.7 U	3.8 U	3.7 U
Benzo(k)fluoranthene	2.1 U	2.2 U	2.1 U
Chrysene	1.9 U	2.0 U	1.9 U
Dibenzo(a,h)anthracene	2.2 U	2.3 U	2.2 U
Indeno(1,2,3-cd)Pyrene	5.3 U	5.5 U	5.3 U

Client Sample ID:	LT-XC-008		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Benzo(a)anthracene	3.3 U	3.3 U	3.4 U
Benzo(a)pyrene	4.6 U	4.6 U	4.7 U
Benzo(b)fluoranthene	3.7 U	3.7 U	3.8 U
Benzo(k)fluoranthene	2.1 U	2.1 U	2.2 U
Chrysene	1.9 U	1.9 U	2.0 U
Dibenzo(a,h)anthracene	2.2 U	2.2 U	2.3 U
Indeno(1,2,3-cd)Pyrene	5.2 U	5.2 U	5.4 U

Client Sample ID:	LT-G-006		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Benzo(a)anthracene	3.3 U	3.2 U	3.3 U
Benzo(a)pyrene	4.6 U	4.5 U	4.6 U
Benzo(b)fluoranthene	3.7 U	3.6 U	3.7 U
Benzo(k)fluoranthene	2.1 U	2.0 U	2.1 U
Chrysene	1.9 U	1.8 U	1.9 U
Dibenzo(a,h)anthracene	2.3 U	2.2 U	2.3 U
Indeno(1,2,3-cd)Pyrene	5.3 U	5.1 U	5.3 U

Client Sample ID:	LT-XC-007		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Benzo(a)anthracene	3.2 U	3.3 U	3.9 U
Benzo(a)pyrene	4.5 U	4.6 U	5.4 U
Benzo(b)fluoranthene	3.6 U	3.7 U	4.4 U
Benzo(k)fluoranthene	2.1 U	2.1 U	2.5 U
Chrysene	1.9 U	1.9 U	2.3 U
Dibenzo(a,h)anthracene	2.2 U	2.2 U	2.7 U
Indeno(1,2,3-cd)Pyrene	5.2 U	5.3 U	6.2 U

Client Sample ID:	LT-G-005		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Benzo(a)anthracene	4.1 U	3.7 U	3.7 U
Benzo(a)pyrene	5.8 U	5.2 U	5.1 U
Benzo(b)fluoranthene	4.7 U	4.2 U	4.1 U
Benzo(k)fluoranthene	2.6 U	2.4 U	2.3 U
Chrysene	2.4 U	2.1 U	2.1 U
Dibenzo(a,h)anthracene	2.8 U	2.5 U	2.5 U
Indeno(1,2,3-cd)Pyrene	6.6 U	5.9 U	5.9 U

Client Sample ID:	LT-XC-006		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Benzo(a)anthracene	3.2 U	3.3 U	3.1 U
Benzo(a)pyrene	4.5 U	4.6 U	4.4 U
Benzo(b)fluoranthene	72 J	3.7 U	3.5 U
Benzo(k)fluoranthene	2.1 U	2.1 U	2.0 U
Chrysene	47 J	1.9 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.3 U	2.1 U
Indeno(1,2,3-cd)Pyrene	27 J	5.3 U	5.0 U

Client Sample ID:	LT-G-001		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Depth:	1/27/2014	1/27/2014	1/27/2014
Benzo(a)anthracene	3.3 U	3.3 U	3.2 U
Benzo(a)pyrene	4.6 U	4.6 U	120 J
Benzo(b)fluoranthene	3.7 U	3.7 U	3.6 U
Benzo(k)fluoranthene	2.1 U	2.1 U	2.0 U
Chrysene	1.9 U	1.9 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.3 U	2.2 U
Indeno(1,2,3-cd)Pyrene	5.2 U	5.3 U	5.1 U

Client Sample ID:	LT-G-014		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/29/2014	1/29/2014	1/29/2014
Benzo(a)anthracene	3.1 U	3.1 U	3.1 U
Benzo(a)pyrene	4.3 U	4.4 U	4.3 U
Benzo(b)fluoranthene	3.5 U	3.5 U	3.5 U
Benzo(k)fluoranthene	2.0 U	2.0 U	2.0 U
Chrysene	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene	2.1 U	2.1 U	2.1 U
Indeno(1,2,3-cd)Pyrene	4.9 U	5.0 U	4.9 U

Client Sample ID:	LT-XC-006		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Benzo(a)anthracene	3.4 U	3.9 J	3.3 U
Benzo(a)pyrene	4.7 U	4.5 U	4.7 U
Benzo(b)fluoranthene	3.8 U	3.6 U	3.8 U
Benzo(k)fluoranthene	2.1 U	2.1 U	2.1 U
Chrysene	1.9 U	1.9 U	1.9 U
Dibenzo(a,h)anthracene	2.3 U	2.2 U	2.3 U
Indeno(1,2,3-cd)Pyrene	5.4 U	5.2 U	5.4 U

Client Sample ID:	LT-C-076		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	3/4/2014	3/4/2014	3/4/2014
Benzo(a)anthracene	3.1 U	3 U	3.1 U
Benzo(a)pyrene	4.3 U	4.2 U	4.4 U
Benzo(b)fluoranthene	3.4 U	3.4 U	3.5 U
Benzo(k)fluoranthene	1.9 U	1.9 U	2 U
Chrysene	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene	2.1 U	2.1 U	2.1 U
Indeno(1,2,3-cd)Pyrene	4.9 U	4.9 U	5 U

Client Sample ID:	SBFT-16		
Sample Depth:	0-5'	5-10'	10-15'
Sampling Date:	11/19/2014	11/19/2014	11/19/2014
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	SBFT-15		
Sample Depth:	0-5'	5-10'	10-15'
Sampling Date:	11/19/2014	11/19/2014	11/19/2014
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	LT-X-006		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/17/2014	1/17/2014	1/17/2014
Benzo(a)anthracene	91 U	30 U	3.9 U
Benzo(a)pyrene	44 U	23 U	280
Benzo(b)fluoranthene	35 U	18 U	4.4 U
Benzo(k)fluoranthene	20 U	10 U	2.5 U
Chrysene	18 U	9.5 U	2.3 U
Dibenzo(a,h)anthracene	21 U	11 U	2.7 U
Indeno(1,2,3-cd)Pyrene	50 U	26 U	6.3 U

Client Sample ID:	LT-X-007		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/17/2014	1/17/2014	1/17/2014
Benzo(a)anthracene	34 J	9.1 U	3.3 U
Benzo(a)pyrene	35 J	4.4 U	340
Benzo(b)fluoranthene	50 J	3.5 U	3.8 U
Benzo(k)fluoranthene	26 J	2.0 U	2.1 U
Chrysene	35 J	1.8 U	1.9 U
Dibenzo(a,h)anthracene	22 J	2.1 U	2.3 U
Indeno(1,2,3-cd)Pyrene	5.3 U	5.0 U	5.4 U

Client Sample ID:	LT-G-004		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Benzo(a)anthracene	3.2 U	3.0 U	3.5 U
Benzo(a)pyrene	4.4 U	4.2 U	4.8 U
Benzo(b)fluoranthene	3.6 U	3.4 U	3.9 U
Benzo(k)fluoranthene	2.0 U	1.9 U	2.2 U
Chrysene	1.8 U	1.7 U	2.0 U
Dibenzo(a,h)anthracene	2.2 U	2.1 U	2.4 U
Indeno(1,2,3-cd)Pyrene	5.1 U	4.8 U	5.5 U

Client Sample ID:	LT-G-003		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Benzo(a)anthracene	3.2 U	3.4 U	3.4 U
Benzo(a)pyrene	4.4 U	4.7 U	4.7 U
Benzo(b)fluoranthene	3.5 U	3.8 U	3.8 U
Benzo(k)fluoranthene	2.0 U	2.2 U	2.2 U
Chrysene	8.7 J	2.0 U	2.0 U
Dibenzo(a,h)anthracene	2.1 U	2.3 U	2.3 U
Indeno(1,2,3-cd)Pyrene	5.1 U	5.4 U	5.4 U

Client Sample ID:	LT-C-060		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	2/24/2014	2/24/2014	2/24/2014
Benzo(a)anthracene	11 J	3 U	3.2 U
Benzo(a)pyrene	4.6 U	4.2 U	4.5 U
Benzo(b)fluoranthene	3.7 U	3.4 U	3.6 U
Benzo(k)fluoranthene	2.1 U	2 U	2.2 U
Chrysene	1.9 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.2 U	2.2 U
Indeno(1,2,3-cd)Pyrene	5.3 U	4.9 U	5.1 U

Client Sample ID:	LT-X-005		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/17/2014	1/17/2014	1/17/2014
Benzo(a)anthracene	540 J	3.0 U	3.3 U
Benzo(a)pyrene	84 U	4.2 U	4.5 U
Benzo(b)fluoranthene	68 U	3.4 U	3.7 U
Benzo(k)fluoranthene	38 U	1.9 U	2.1 U
Chrysene	630 J	1.8 U	1.9 U
Dibenzo(a,h)anthracene	41 U	2.1 U	2.2 U
Indeno(1,2,3-cd)Pyrene	97 U	4.9 U	5.2 U

Client Sample ID:	LT-C-001		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Benzo(a)anthracene	3.1 U	3.1 U	3.0 U
Benzo(a)pyrene	4.3 U	4.3 U	4.2 U
Benzo(b)fluoranthene	3.4 U	3.5 U	3.4 U
Benzo(k)fluoranthene	1.9 U	2.0 U	1.9 U
Chrysene	1.8 U	1.8 U	1.7 U
Dibenzo(a,h)anthracene	2.1 U	2.1 U	2.0 U
Indeno(1,2,3-cd)Pyrene	4.9 U	4.9 U	4.8 U

Client Sample ID:	LT-XC-001		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Benzo(a)anthracene	3.2 U	3.2 U	3.3 U
Benzo(a)pyrene	4.4 U	4.5 U	4.3 U
Benzo(b)fluoranthene	3.6 U	3.6 U	3.5 U
Benzo(k)fluoranthene	2.0 U	2.0 U	2.0 U
Chrysene	1.8 U	1.9 U	1.8 U
Dibenzo(a,h)anthracene	2.2 U	2.2 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5.1 U	5.2 U	4.9 U

Client Sample ID:	LT-X-001		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/17/2014	1/17/2014	1/17/2014
Benzo(a)anthracene	540 J	3.0 U	3.3 U
Benzo(a)pyrene	84 U	4.2 U	4.5 U
Benzo(b)fluoranthene	68 U	3.4 U	3.7 U
Benzo(k)fluoranthene	38 U	1.9 U	2.1 U
Chrysene	630 J	1.8 U	1.9 U
Dibenzo(a,h)anthracene	41 U	2.1 U	2.2 U
Indeno(1,2,3-cd)Pyrene	97 U	4.9 U	5.2 U

Client Sample ID:	LT-XC-003		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Benzo(a)anthracene	3.0 U	3.2 U	3.2 U
Benzo(a)pyrene	4.1 U	4.4 U	4.5 U
Benzo(b)fluoranthene	3.3 U	3.5 U	3.6 U
Benzo(k)fluoranthene	1.9 U	2.0 U	2.1 U
Chrysene	1.7 U	1.8 U	1.9 U
Dibenzo(a,h)anthracene	2.0 U	2.1 U	2.2 U
Indeno(1,2,3-cd)Pyrene	4.7 U	5.1 U	5.2 U

Client Sample ID:	LT-C-075		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	3/4/2014	3/4/2014	3/4/2014
Benzo(a)anthracene	3.1 U	3.2 U	3 U
Benzo(a)pyrene	4.3 U	4.4 U	4.2 U
Benzo(b)fluoranthene	3.5 U	3.6 U	3.4 U
Benzo(k)fluoranthene	2 U	2 U	1.9 U
Chrysene	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene	2.1 U	2.2 U	2.1 U
Indeno(1,2,3-cd)Pyrene	5 U	5.1 U	4.9 U

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- Confirmation Sampling Location
- Utility & Confirmation Boring Location
- GeoTech Soil Boring Location
- Utility Boring Location

Soil

- Exceeds RRUSCO

- Property Line
- Proposed Building
- Former Building Footprint
- Curbline

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LI TUNGSTEN PARCEL B SVOCs

GLEN ISLE

0 30 60 90 120 Feet

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Date:	2/17/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

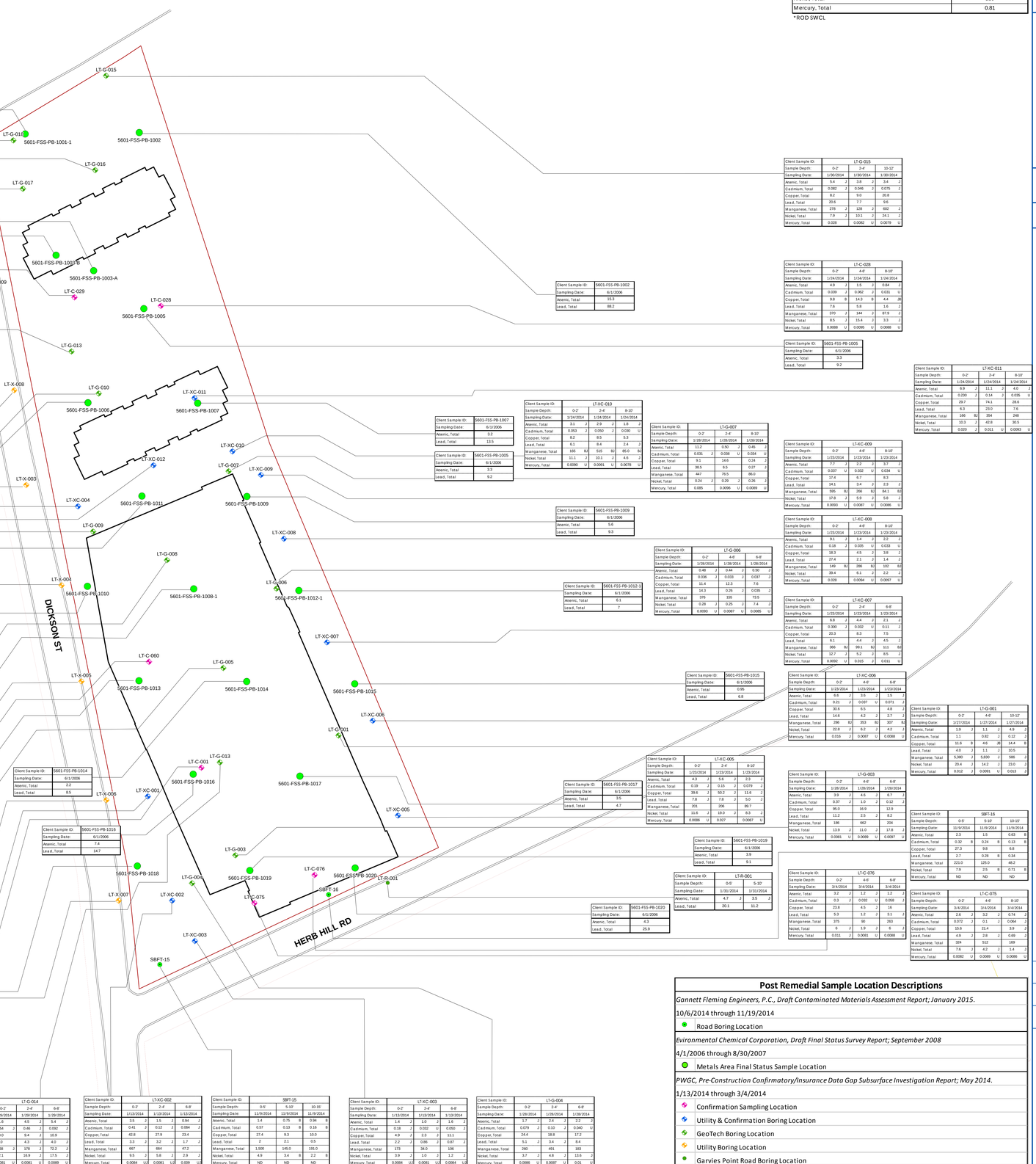
FIGURE NO: 6

Document Path: G:\Projects\M-R\RGI\1507\mapfiles\Alternate\FIGS_Period6_SVOCs_Alt.mxd

Notes:
Units are in parts per million
B - Compound was found in the blank and sample.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL



Client Sample ID:	LT-G-018					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/30/2014		1/30/2014		1/30/2014	
Arsenic, Total	4.8	J	6.4	J	6.1	J
Cadmium, Total	0.083	J	0.035	U	0.13	J
Copper, Total	7.2		9.6		10.1	
Lead, Total	21.2		7.7		10.6	
Manganese, Total	305	J	495	J	479	
Nickel, Total	8.3	J	14.0	J	13.4	J
Mercury, Total	0.073		0.0087	U	0.009	U

Client Sample ID:	5601-FSS-PB-1001-1
Sampling Date:	6/1/2006
Arsenic, Total	6.4
Lead, Total	119

Client Sample ID:	LT-G-016					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/30/2014		1/30/2014		1/30/2014	
Arsenic, Total	3.8	J	3.7	J	3.3	J
Cadmium, Total	0.053	J	0.031	U	0.065	J
Copper, Total	7.1		7.2		7.1	
Lead, Total	8.3		6.0		4.9	J
Manganese, Total	498	J	377	J	523	J
Nickel, Total	10.1	J	9.2	J	10.9	J
Mercury, Total	0.025		0.018	J	0.0088	U

Client Sample ID:	LT-G-017					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/30/2014		1/30/2014		1/30/2014	
Arsenic, Total	5.0	J	5.1	J	2.9	J
Cadmium, Total	0.097	J	0.037	U	0.032	U
Copper, Total	9.9		9.9		16.1	
Lead, Total	22.6		8.7		5.5	
Manganese, Total	412	J	424	J	289	J
Nickel, Total	8.2	J	13.7	J	12.2	J
Mercury, Total	0.056		0.0095	U	0.0095	U

Client Sample ID:	5601-FSS-PB-1003-A
Sampling Date:	6/1/2006
Arsenic, Total	23.3
Lead, Total	173

Client Sample ID:	5601-FSS-PB-1003-B
Sampling Date:	6/1/2006
Arsenic, Total	46
Lead, Total	221

Client Sample ID:	LT-C-029					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/27/2014		1/27/2014		1/27/2014	
Arsenic, Total	5.5	J	12.5		1.9	J
Cadmium, Total	0.056	J	0.13	J	0.040	J
Copper, Total	14.7	B	4.5	JB	9.2	B
Lead, Total	7.5		2.8	J	4.5	J
Manganese, Total	336	J	1,630	J	192	J
Nickel, Total	15.4	J	13.7	J	9.5	J
Mercury, Total	0.0098	U	0.0094	U	0.0097	U

Client Sample ID:	LT-X-009					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/27/2014		1/27/2014		1/27/2014	
Arsenic, Total	3.2	J	2.4	J	5.3	J
Cadmium, Total	0.030	U	0.044	J	0.036	U
Copper, Total	9.9	B	7.6	B	14.8	B
Lead, Total	10.6		3.9	J	8.2	
Manganese, Total	182	J	218	J	455	J
Nickel, Total	11.5	J	8.4	J	17.3	J
Mercury, Total	0.013	J	0.0086	U	0.01	J

Client Sample ID:	LT-G-013					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/29/2014		1/29/2014		1/29/2014	
Arsenic, Total	4.0	J	4.0	J	2.3	J
Cadmium, Total	0.044	J	0.22	J	0.092	J
Copper, Total	11.7		5.6		6.8	
Lead, Total	7.3		7.0		7.5	
Manganese, Total	243	J	1,600	J	187	J
Nickel, Total	12.9	J	22.1	J	18.7	J
Mercury, Total	0.015	J	0.0077	U	0.008	U

Client Sample ID:	LT-X-008					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/27/2014		1/27/2014		1/27/2014	
Arsenic, Total	7.5	J	3.0	J	1.3	J
Cadmium, Total	0.095	J	0.065	J	0.071	J
Copper, Total	10.6	B	9.7	B	11.1	B
Lead, Total	21.1		25.4		7.0	
Manganese, Total	206	J	254	J	88.2	J
Nickel, Total	5.5	J	6.0	J	10.7	J
Mercury, Total	0.021	J	0.016	J	0.014	J

Client Sample ID:	LT-G-010					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/29/2014		1/29/2014		1/29/2014	
Arsenic, Total	0.47	J	14.5		0.44	J
Cadmium, Total	0.035	U	0.038	U	0.033	U
Copper, Total	6.4		0.27	J	0.23	J
Lead, Total	0.28	J	0.31	J	0.26	J
Manganese, Total	267		1,830		191	
Nickel, Total	0.27	J	0.29	J	0.25	J
Mercury, Total	0.0096	U	0.0092	U	0.0088	U

Client Sample ID:	5601-FSS-PB-1006
Sampling Date:	6/1/2006
Arsenic, Total	8.8
Lead, Total	40.2

Client Sample ID:	LT-X-003					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/16/2014		1/16/2014		1/16/2014	
Arsenic, Total	3.9	J	2.3	J	1.6	J
Cadmium, Total	0.058	J	0.036	U	0.029	U
Copper, Total	11.5		9.4		4.8	
Lead, Total	10.3		4.5	J	3.4	J
Manganese, Total	369	BJ	239	BJ	264	BJ
Nickel, Total	13.2	J	10	J	8.8	J
Mercury, Total	0.020	J	0.0089	U	0.0086	U

Client Sample ID:	LT-XC-004					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/13/2014		1/13/2014		1/13/2014	
Arsenic, Total	9.7	J	5.9	J	3.4	J
Cadmium, Total	0.77	J	1.5		0.26	J
Copper, Total	110		98.3		75.6	
Lead, Total	12.7		9.6		12.0	
Manganese, Total	831	B	767	B	262	B
Nickel, Total	44.4		43.1		27.8	J
Mercury, Total	0.0087	UJ	0.0082	UJ	0.0087	UJ

Client Sample ID:	LT-XC-012					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/24/2014		1/24/2014		1/24/2014	
Arsenic, Total	4.1	J	3.4	J	3.5	J
Cadmium, Total	0.15	J	0.37	J	0.74	J
Copper, Total	78.6		119		54.4	
Lead, Total	8.0		4.1	J	2.1	J
Manganese, Total	211		698		370	
Nickel, Total	23.0	J	12.2	J	29.3	
Mercury, Total	0.0091	U	0.0091	U	0.0085	U

Client Sample ID:	LT-G-009					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/29/2014		1/29/2014		1/29/2014	
Arsenic, Total	13.0		0.41	J	0.43	J
Cadmium, Total	0.033	J	0.031	J	0.033	J
Copper, Total	18.3		39.0		33.7	
Lead, Total	56.9		0.25	J	0.26	J
Manganese, Total	156		562		424	
Nickel, Total	0.25	J	0.24	J	0.25	J
Mercury, Total	0.0085	J	0.0088	U	0.0092	U

Client Sample ID:	5601-FSS-PB-1011
Sampling Date:	6/1/2006
Arsenic, Total	1.4
Lead, Total	8.4

Client Sample ID:	5601-FSS-PB-1010
Sampling Date:	6/1/2006
Arsenic, Total	5.1
Lead, Total	30.2

Client Sample ID:	5601-FSS-PB-1008-1
Sampling Date:	6/1/2006
Arsenic, Total	6.9
Lead, Total	54.9

Client Sample ID:	LT-X-004					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/17/2014		1/17/2014		1/17/2014	
Arsenic, Total	3.3	J	2.2	J	3.4	J
Cadmium, Total	0.24	J	0.033	J	0.057	J
Copper, Total	9.7		5.9		5.2	J
Lead, Total	36.3		6.3		1.5	J
Manganese, Total	166	BJ	433	BJ	489	BJ
Nickel, Total	4.3	J	4.3	J	13.5	J
Mercury, Total	0.015	J	0.0085	U	0.0096	U

Client Sample ID:	LT-G-008					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/28/2014		1/28/2014		1/28/2014	
Arsenic, Total	0.50	J	0.40	J	0.43	J
Cadmium, Total	0.037	J	0.030	J	0.032	J
Copper, Total	37.8		21.5		131	
Lead, Total	23.6		5.8		0.26	J
Manganese, Total	245		190		120	
Nickel, Total	34.3		0.23	J	0.25	J
Mercury, Total	0.0090	J	0.0087	U	0.0091	J

Client Sample ID:	LT-X-005					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/17/2014		1/17/2014		1/17/2014	
Arsenic, Total	9.2	J	2.8	J	2.0	J
Cadmium, Total	0.34	J	0.17	J	0.085	J
Copper, Total	30.5		9.4		12.5	
Lead, Total	120		16.8		6.5	
Manganese, Total	243	BJ	1,300	BJ	426	BJ
Nickel, Total	6.3	J	11.7	J	10.0	J
Mercury, Total	0.071		0.018	J	0.012	J

Client Sample ID:	LT-C-060					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Arsenic, Total	6.8	J	4.6	J	2.5	J
Cadmium, Total	0.11	J	0.085	J	0.12	J
Copper, Total	9.8		11.2		6.8	
Lead, Total	13.8		4.3	J	2.3	J
Manganese, Total	426	BJ	80.6	BJ	818	BJ
Nickel, Total	15.8	J	11.9	J	41.6	
Mercury, Total	0.051		0.008	U	0.0086	U

Client Sample ID:	LT-G-005					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/28/2014		1/28/2014		1/28/2014	
Arsenic, Total	10.1	J	3.8	J	4.7	J
Cadmium, Total	37.7		0.24	J	0.28	J
Copper, Total	162		9.1		23.3	
Lead, Total	39.6		3.1	J	9.4	
Manganese, Total	131	J	176	J	207	J
Nickel, Total	159	J	32.8	J	26.4	J
Mercury, Total	0.20		0.0099	U	0.018	J

Client Sample ID:	LT-X-006					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/17/2014		1/17/2014		1/17/2014	
Arsenic, Total	11.7		4.9	J	2.4	J
Cadmium, Total	0.31	J	0.23	J	0.066	J
Copper, Total	38.3		12.0		14.6	
Lead, Total	105		22.1		9.6	
Manganese, Total	155	BJ	195	BJ	158	BJ
Nickel, Total	7.4	J	5.6	J	20.4	J
Mercury, Total	0.063		0.043		0.011	U

Client Sample ID:	LT-X-001					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/13/2014		1/13/2014		1/13/2014	
Arsenic, Total	1.0	J	2.2	J	3.7	J
Cadmium, Total	0.059	J	0.064	J	0.099	J
Copper, Total	6.9		8.5		8.2	
Lead, Total	8.1		4.1	J	3.3	J
Manganese, Total	143		399		144	
Nickel, Total	4.1	J	6.6	J	16.1	J
Mercury, Total	0.0090	UJ	0.0089	UJ	0.0086	UJ

Client Sample ID:	LT-C-001					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/13/2014		1/13/2014		1/13/2014	
Arsenic, Total	2.7	J	2.7	J	4.5	J
Cadmium, Total	0.450	J	0.10	J	0.070	J
Copper, Total	28.3		9.1		4.4	J
Lead, Total	6.3		4.1	J	2.7	J
Manganese, Total	367	B	104	B	52.5	B
Nickel, Total	64.1		15.4	J	9.2	J
Mercury, Total	0.0082	UJ	0.0083	UJ	0.0085	UJ

Client Sample ID:	LT-XC-007					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/17/2014		1/17/2014		1/17/2014	
Arsenic, Total	4.9	J	1.2	J	3.9	J
Cadmium, Total	0.80	J	0.047	J	0.054	J
Copper, Total	17.9	B	10.1	B	7.9	B
Lead, Total	25.9		2.6	J	3.6	J
Manganese, Total	832		123	J	55.5	J
Nickel, Total	9.5	J	5.3	J	8.1	J
Mercury, Total	0.063		0.009	U	0.0092	U

Client Sample ID:	LT-G-014					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/29/2014		1/29/2014		1/29/2014	
Arsenic, Total	11.6		4.5	J	5.4	
Cadmium, Total	0.54	J	0.46	J	0.092	J
Copper, Total	30.0		9.4	J	10.9	
Lead, Total	8.0		4.3	J	4.0	J
Manganese, Total	168	J	178	J	72.2	J
Nickel, Total	32.1		16.9	J	17.5	J
Mercury, Total	0.0081	U	0.0081	U	0.0088	U

Client Sample ID:	LT-XC-002					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/13/2014		1/13/2014		1/13/2014	
Arsenic, Total	5.5	J	1.5	J	0.94	J
Cadmium, Total	0.41	J	0.12	J	0.064	J
Copper, Total	42.8		27.9		23.4	
Lead, Total	3.3	J	3.2	J	1.7	J
Manganese, Total	667		664		47.2	
Nickel, Total	9.5	J	5.8	J	2.9	J
Mercury, Total	0.0084	UJ	0.0081	UJ	0.009	UJ

Client Sample ID:	SBFT-15					
Sample Depth:	0-5'		5-10'		10-15'	
Sampling Date:	11/9/2014		11/9/2014		11/9/2014	
Arsenic, Total	1.4		0.75	B	0.94	B
Cadmium, Total	0.57		0.13	B	0.16	B
Copper, Total	27.4		9.3		10.0	
Lead, Total	2		2.1		0.5	
Manganese, Total	1,500		145.0		191.0	
Nickel, Total	4.9		3.4	B	2.2	B
Mercury, Total	ND		ND		ND	

Client Sample ID:	LT-X-003					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/13/2014		1/13/2014		1/13/2014	
Arsenic, Total	1.4	J	1.0	J	1.6	J
Cadmium, Total	0.18	J	0.032	U	0.050	J
Copper, Total	4.9	J	2.3	J	11.1	
Lead, Total	2.2	J	0.86	J	0.87	J
Manganese, Total	173		34.0		106	
Nickel, Total	3.9	J	1.0	J	1.2	J
Mercury, Total	0.0084	UJ	0.0081	UJ	0.0084	UJ

Client Sample ID:	LT-G-004					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/28/2014		1/28/2014		1/28/2014	
Arsenic, Total	1.7	J	2.4	J	2.2	J
Cadmium, Total	0.079	J	0.10	J	0.040	U
Copper, Total	24.4		18.8		17.2	
Lead, Total	5.1	J	3.4	J	8.4	
Manganese, Total	260		491		183	
Nickel, Total	3.7	J	4.8	J	13.6	J
Mercury, Total	0.0086	U	0.0087	U	0.01	U

Client Sample ID:	5601-FSS-PB-1002
Sampling Date:	6/1/2006
Arsenic, Total	15.3
Lead, Total	88.2

Client Sample ID:	5601-FSS-PB-1005
Sampling Date:	6/1/2006
Arsenic, Total	3.3
Lead, Total	9.2

Client Sample ID:	5601-FSS-PB-1007
Sampling Date:	6/1/2006
Arsenic, Total	3.2
Lead, Total	13.5

Client Sample ID:	5601-FSS-PB-1005
Sampling Date:	6/1/2006
Arsenic, Total	3.3
Lead, Total	9.2

Client Sample ID:	5601-FSS-PB-1009
Sampling Date:	6/1/2006
Arsenic, Total	5.6
Lead, Total	9.3

Client Sample ID:	5601-FSS-PB-1012-1
Sampling Date:	6/1/2006
Arsenic, Total	6.1
Lead, Total	7

Client Sample ID:	5601-FSS-PB-1015
Sampling Date:	6/1/2006
Arsenic, Total	0.95
Lead, Total	6.8

Client Sample ID:	5601-FSS-PB-1017
Sampling Date:	6/1/2006
Arsenic, Total	3.5
Lead, Total	4.7

Client Sample ID:	5601-FSS-PB-1019
Sampling Date:	6/1/2006
Arsenic, Total	3.9
Lead, Total	9.1

Client Sample ID:	5601-FSS-PB-1020
Sampling Date:	6/1/2006
Arsenic, Total	4.3
Lead, Total	25.9

Client Sample ID:	LT-G-015					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/30/2014		1/30/2014		1/30/2014	
Arsenic, Total	5.4	J	3.8	J	3.4	J
Cadmium, Total	0.082	J	0.046	J	0.075	J
Copper, Total	8.2		9.0		20.8	
Lead, Total	20.6		7.7		9.6	
Manganese, Total	278	J	128	J	602	J
Nickel, Total	7.9	J	10.1	J	24.1	J
Mercury, Total	0.028		0.0082	U	0.0079	U

Client Sample ID:	LT-C-028					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/24/2014		1/24/2014		1/24/2014	
Arsenic, Total	4.9	J	1.5	J	0.94	J
Cadmium, Total	0.039	J	0.062	J	0.031	U
Copper, Total	9.8	B	14.3	B	4.4	JB
Lead, Total	7.6		5.8		1.6	J
Manganese, Total	370	J	144	J	87.9	J
Nickel, Total	8.5	J	15.4	J	3.3	J
Mercury, Total	0.0088	U	0.0095	U	0.0088	U

Client Sample ID:	LT-XC-011					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/24/2014		1/24/2014		1/24/2014	
Arsenic, Total	6.8	J	11.1	J	4.0	J
Cadmium, Total	0.230	J	0.14	J	0.035	U
Copper, Total	29.7		74.1		28.6	
Lead, Total	6.3		23.0		7.6	
Manganese, Total	166	BJ	354		248	
Nickel, Total	10.3	J	42.8		30.5	
Mercury, Total	0.020	J	0.011	U	0.0093	U

Client Sample ID:	LT-G-007					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/28/2014		1/28/2014		1/28/2014	
Arsenic, Total	12.7		0.50	J	0.46	J
Cadmium, Total	0.031	J	0.038	U	0.034	U
Copper, Total	9.1		14.6		0.24	J
Lead, Total	38.5		6.5		0.27	J
Manganese, Total	447		76.5		86.0	
Nickel, Total	0.24	J	0.29	J	0.26	J
Mercury, Total	0.095		0.0096	U	0.0089	U

Client Sample ID:	LT-XC-009					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/23/2014		1/23/2014		1/23/2014	
Arsenic, Total	7.7	J	2.2	J	3.7	J
Cadmium, Total	0.037	U	0.032	U	0.034	U
Copper, Total	17.4		6.7		8.3	
Lead, Total	14.1		3.4	J	2.3	J
Manganese, Total	595	BJ	266	BJ	84.1	BJ
Nickel, Total	17.8	J	5.9	J	5.8	J
Mercury, Total	0.0093	U	0.0087	U	0.0086	U

Client Sample ID:	LT-XC-008					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/23/2014		1/23/2014		1/23/2014	
Arsenic, Total	9.1	J	1.4	J	2.2	J
Cadmium, Total	0.18	J	0.035	U	0.033	U
Copper, Total	18.3		4.5	J	3.8	J
Lead, Total	27.4		2.1	J	1.4	J
Manganese, Total	149	BJ	266	BJ	102	BJ
Nickel, Total	39.4		6.1	J	2.2	J
Mercury, Total	0.028		0.0094	U	0.0097	U

Client Sample ID:	LT-XC-007					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/23/2014		1/23/2014		1/23/2014	
Arsenic, Total	6.8	J	4.4	J	2.1	J
Cadmium, Total	0.300	J	0.032	U	0.11	J
Copper, Total	20.3		8.3		7.5	
Lead, Total	6.1		4.4	J	4.5	J
Manganese, Total	366	BJ	99.1	BJ	111	BJ
Nickel, Total	12.7	J	5.2	J	8.5	J
Mercury, Total	0.0092	U	0.015	J	0.011	U

Client Sample ID:	LT-XC-006					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/23/2014		1/23/2014		1/23/2014	
Arsenic, Total	6.6	J	3.6	J	1.5	J
Cadmium, Total	0.21	J	0.097	U	0.071	J
Copper, Total	30.6		6.5		4.8	J
Lead, Total	14.6		4.2	J	2.7	J
Manganese, Total	286	BJ	353	BJ	307	BJ
Nickel, Total	22.8	J	6.2	J	4.2	J
Mercury, Total	0.016	J	0.0087	U	0.0088	U

Client Sample ID:	LT-G-001					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	1/27/2014		1/27/2014		1/27/2014	
Arsenic, Total	1.9	J	1.1	J	4.9	J
Cadmium, Total	1.1		0.82	J	0.12	J
Copper, Total	11.6	B	4.6	JB	14.4	B
Lead, Total	4.0	J	1.1	J	10.5	
Manganese, Total	5,380	J	5,830	J	586	J
Nickel, Total	20.4	J	14.2	J	23.0	J
Mercury, Total	0.012	J	0.0091	U	0.013	J

Client Sample ID:	LT-C-005					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/23/2014		1/23/2014		1/23/2014	
Arsenic, Total	4.3	J	5.6	J	2.3	J
Cadmium, Total	0.19	J	0.15	J	0.079	J
Copper, Total	39.6	J	50.2	J	11.6	J
Lead, Total	7.8	J	7.8	J	5.0	J
Manganese, Total	201		206		89.7	
Nickel, Total	11.6	J	19.0	J	9.3	J
Mercury, Total	0.0096	U	0.027		0.0087	U

Client Sample ID:	LT-G-003					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/28/2014		1/28/2014		1/28/2014	
Arsenic, Total	3.9	J	4.6	J	6.7	J
Cadmium, Total	0.37	J	1.0	J	0.12	J
Copper, Total	95.0		16.9		12.9	
Lead, Total	11.2		2.5	J	8.2	
Manganese, Total	186		662		204	
Nickel, Total	13.9	J	11.0	J	17.8	J
Mercury, Total	0.0081	U	0.0089	U	0.0097	U

Client Sample ID:	SBFT-16					
Sample Depth:	0-5'		5-10'		10-15'	
Sampling Date:	11/9/2014		11/9/2014		11/9/2014	
Arsenic, Total	2.3		1.5		0.63	B
Cadmium, Total	0.32	B	0.24	B	0.13	B
Copper, Total	27.3		9.8		6.8	
Lead, Total	2.7		0.28	B	0.34	
Manganese, Total	221.0		125.0		48.2	
Nickel, Total	7.9		2.5	B	0.71	B
Mercury, Total	ND		ND		ND	

Client Sample ID:	LT-C-076					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	3/4/2014		3/4/2014		3/4/2014	
Arsenic, Total	3.2	J	1.2	J	1.2	J
Cadmium, Total	0.3	J	0.032	U	0.058	J
Copper, Total	23.8		4.5	J	16	
Lead, Total	5.3		1.2	J	3.1	J
Manganese, Total	375		90		283	
Nickel, Total	6	J	1.9	J	8	J
Mercury, Total	0.011	J	0.0081	U	0.0088	U

Client Sample ID:	LT-R-001					
Sample Depth:	0-5'		5-10'			
Sampling Date:	1/31/2014		1/31/2014			
Arsenic, Total	4.7	J	3.5	J		
Lead, Total	20.1		11.2			

Client Sample ID:	LT-C-075					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:

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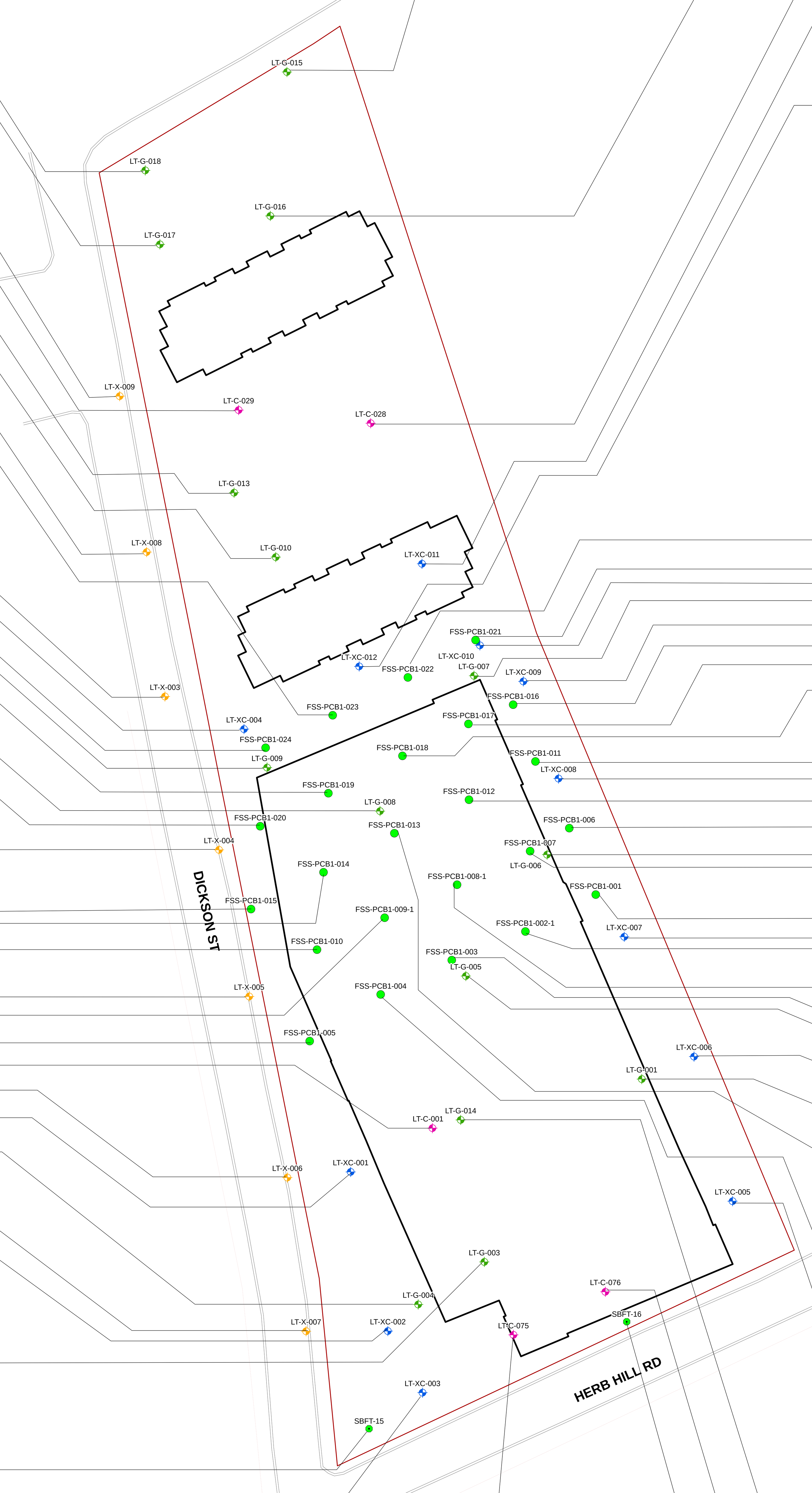

Client Sample ID:	LT-G-018		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/30/2014	1/30/2014	1/30/2014
Aroclor 1248	50 U	39 U	43 U
Aroclor 1254	120 U	92 U	100 U
Aroclor 1260	120 U	92 U	100 U
Aldrin	0.44 U	0.44 U	0.44 U
Dieldrin	0.43 U	0.43 U	0.43 U

Client Sample ID:	LT-G-017		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/30/2014	1/30/2014	1/30/2014
Aroclor 1248	35 U	51 U	45 U
Aroclor 1254	84 U	120 U	110 U
Aroclor 1260	84 U	120 U	110 U
Aldrin	0.42 U	0.44 U	0.45 U
Dieldrin	0.41 U	0.43 U	0.44 U

Client Sample ID:	LT-C-029		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/27/2014	1/27/2014	1/27/2014
Aroclor 1248	42 UJ	43 UJ	43 UJ
Aroclor 1254	100 UJ	100 UJ	100 UJ
Aroclor 1260	100 UJ	100 UJ	100 UJ
Aldrin	0.51 U	0.49 U	10 U
Dieldrin	0.50 U	0.47 U	9.8 U

Client Sample ID:	LT-X-009		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	1/27/2014	1/27/2014	1/27/2014
Aldrin	21 U	4.7 U	0.49 U
Dieldrin	21 U	4.6 U	0.48 U

Client Sample ID:	LT-G-013		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/29/2014	1/29/2014	1/29/2014
Aroclor 1248	37 U	36 U	46 U
Aroclor 1254	88 U	86 U	110 U
Aroclor 1260	88 U	86 U	110 U
Aldrin	0.43 U	0.44 U	0.45 U
Dieldrin	0.42 U	0.43 U	0.44 U

Client Sample ID:	LT-G-010		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/29/2014	1/29/2014	1/29/2014
Aroclor 1248	54 U	46 U	46 U
Aroclor 1254	130 U	110 U	110 U
Aroclor 1260	130 U	110 U	110 U
Aldrin	0.49 U	0.48 U	0.45 U
Dieldrin	0.48 U	0.46 U	0.44 U

Client Sample ID:	LT-X-008		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/27/2014	1/27/2014	1/27/2014
Aldrin	22 U	8.7 U	0.48 U
Dieldrin	21 U	8.5 U	0.47 U

Client Sample ID:	LT-X-003		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	1/16/2014	1/16/2014	1/16/2014
Aldrin	22 U	4.5 U	0.43 U
Dieldrin	22 U	4.4 U	0.42 UJ

Client Sample ID:	LT-XC-004		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Aroclor 1248	44 U	44 U	44 U
Aroclor 1254	110 U	110 U	110 U
Aroclor 1260	110 U	110 U	110 U
Aldrin	0.42 U	0.42 U	0.43 U
Dieldrin	0.41 U	0.41 U	0.42 U

Client Sample ID:	FSS-PCB1-023
Sampling Date:	6/2006
PCBs, Total	858

Client Sample ID:	FSS-PCB1-024
Sampling Date:	6/2006
PCBs, Total	648

Client Sample ID:	LT-G-009		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	1/29/2014	1/29/2014	1/29/2014
Aroclor 1248	46 U	50 U	46 U
Aroclor 1254	110 U	120 U	110 U
Aroclor 1260	110 U	120 U	110 U
Aldrin	2.3 J	0.44 U	0.46 U
Dieldrin	2.3 U	0.43 U	0.45 U

Client Sample ID:	FSS-PCB1-019
Sampling Date:	6/2006
PCBs, Total	754

Client Sample ID:	LT-G-008		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Aroclor 1248	65 J	42 U	52 U
Aroclor 1254	100 U	100 U	120 U
Aroclor 1260	100 U	100 U	120 U
Aldrin	0.46 J	0.44 J	0.44 U
Dieldrin	0.45 U	0.43 U	0.43 U

Client Sample ID:	FSS-PCB1-020
Sampling Date:	6/2006
PCBs, Total	702

Client Sample ID:	LT-X-004		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Date:	1/17/2014	1/17/2014	1/17/2014
Aldrin	22 U	0.43 U	0.47 U
Dieldrin	22 U	0.42 UJ	0.46 U

Client Sample ID:	FSS-PCB1-015
Sampling Date:	6/2006
PCBs, Total	684

Client Sample ID:	FSS-PCB1-014
Sampling Date:	6/2006
PCBs, Total	3220

Client Sample ID:	FSS-PCB1-010
Sampling Date:	6/2006
PCBs, Total	720

Client Sample ID:	LT-X-005		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	1/17/2014	1/17/2014	1/17/2014
Aldrin	110 U	8.5 U	0.45 U
Dieldrin	100 U	8.3 U	0.44 U

Client Sample ID:	FSS-PCB1-009-1
Sampling Date:	6/2006
PCBs, Total	876

Client Sample ID:	FSS-PCB1-005
Sampling Date:	6/2006
PCBs, Total	711

Client Sample ID:	LT-C-001		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Aroclor 1248	41 U	39 U	36 U
Aroclor 1254	97 U	94 U	86 U
Aroclor 1260	97 U	94 U	86 U
Aldrin	0.42 U	4.3 U	0.42 U
Dieldrin	0.41 U	4.2 U	0.41 U

Client Sample ID:	LT-X-006		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	1/17/2014	1/17/2014	1/17/2014
Aldrin	22 U	9.3 U	2.7 U
Dieldrin	22 U	9.1 U	2.7 U

Client Sample ID:	LT-XC-001		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Depth:	1/13/2014	1/13./2014	1/13/2014
Aroclor 1248	4.3 U	4.1 U	20 J
Aroclor 1254	10 U	9.8 U	11 U
Aroclor 1260	10 U	9.8 U	11 U
Aldrin	0.44 U	0.45 U	0.44 U
Dieldrin	1.8 U	0.44 U	0.43 U

Client Sample ID:	LT-G-004		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Aroclor 1248	97 J	42 U	45 U
Aroclor 1254	130 U	100 U	110 U
Aroclor 1260	130 U	100 U	110 U
Aldrin	0.45 U	0.43 U	0.48 U
Dieldrin	0.44 U	0.42 U	0.47 U

Client Sample ID:	LT-X-007		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	1/17/2014	1/17/2014	1/17/2014
Aldrin	9.2 U	2.2 U	9.5 U
Dieldrin	9.0 U	2.1 U	9.3 U

Client Sample ID:	LT-XC-002		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Aroclor 1248	4.3 U	3.9 U	4.9 U
Aroclor 1254	10 U	9.3 U	12 U
Aroclor 1260	10 U	9.3 U	12 U
Aldrin	0.46 U	0.43 U	0.46 U
Dieldrin	1.8 U	0.42 U	0.45 U

Client Sample ID:	LT-G-003		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Aroclor 1248	220	56 U	47 U
Aroclor 1254	91 U	130 U	110 U
Aroclor 1260	91 U	130 U	110 U
Aldrin	0.44 U	0.48 U	9.5 U
Dieldrin	0.54 J	0.47 U	9.3 U

Client Sample ID:	SBFT-15		
Sample Depth:	0-5'	5-10'	10-15'
Sampling Date:	11/9/2014	11/9/2014	11/9/2014
Aroclor 1248	ND	ND	ND
Aroclor 1254	ND	ND	ND
Aroclor 1260	ND	ND	ND
Aldrin	ND	ND	ND
Dieldrin	ND	ND	ND

Client Sample ID:	LT-XC-003		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/13/2014	1/13/2014	1/13/2014
Aroclor 1248	4 U	4.5 U	4.1 U
Aroclor 1254	9.6 U	11 U	9.8 U
Aroclor 1260	9.6 U	11 U	9.8 U
Aldrin	0.42 U	0.44 U	0.46 U
Dieldrin	1.7 U	0.43 U	0.45 U

Client Sample ID:	LT-C-075		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	3/4/2014	3/4/2014	3/4/2014
Aroclor 1248	0.044 U	0.047 U	0.044 U
Aroclor 1254	0.11 U	0.11 U	0.11 U
Aroclor 1260	0.11 U	0.11 U	0.11 U
Aldrin	0.44 UJ	0.44 U	0.43 U
Dieldrin	0.43 U	0.43 U	0.42 U

Client Sample ID:	SBFT-16		
Sample Depth:	0-5'	5-10'	10-15'
Sampling Date:	11/9/2014	11/9/2014	11/9/2014
Aroclor 1248	ND	ND	ND
Aroclor 1254	ND	ND	ND
Aroclor 1260	ND	ND	ND
Aldrin	ND	ND	ND
Dieldrin	ND	ND	ND

Client Sample ID:	LT-C-076		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	3/4/2014	3/4/2014	3/4/2014
Aroclor 1248	0.043 U	0.039 U	0.038 U
Aroclor 1254	0.1 U	0.093 U	0.09 U
Aroclor 1260	0.1 U	0.093 U	0.09 U
Aldrin	0.62 J	0.43 U	0.44 U
Dieldrin	0.42 U	0.42 U	0.43 U

Client Sample ID:	LT-G-015		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Depth:	1/30/2014	1/30/2014	1/30/2014
Aroclor 1248	40 U	37 U	52 U
Aroclor 1254	96 U	89 U	120 U
Aroclor 1260	96 U	89 U	120 U
Aldrin	0.44 U	0.44 U	0.44 U
Dieldrin	0.43 U	0.43 U	0.43 U

Client Sample ID:	LT-G-016		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Depth:	1/30/2014	1/30/2014	1/30/2014
Aroclor 1248	42 U	39 U	44 U
Aroclor 1254	100 U	95 U	110 U
Aroclor 1260	100 U	95 U	110 U
Aldrin	0.45 U	0.43 U	0.44 U
Dieldrin	0.43 U	0.42 U	0.43 U

Client Sample ID:	LT-C-028		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	1/24/2014	1/24/2014	1/24/2014
Aroclor 1248	40 UJ	43 UJ	49 UJ
Aroclor 1254	95 UJ	100 UJ	120 UJ
Aroclor 1260	95 UJ	100 UJ	120 UJ
Aldrin	0.46 U	0.48 U	0.45 U
Dieldrin	0.45 U	0.47 U	0.44 U

Client Sample ID:	LT-XC-011		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/24/2014	1/24/2014	1/24/2014
Aroclor 1248	50 U	51 U	48 U
Aroclor 1254	120 U	120 U	120 U
Aroclor 1260	120 U	120 U	120 U
Aldrin	0.48 U	0.55 U	0.48 U
Dieldrin	0.46 U	0.54 UJ	0.47 U

Client Sample ID:	LT-XC-012		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/24/2014	1/24/2014	1/24/2014
Aroclor 1248	42 U	46 U	39 U
Aroclor 1254	100 U	110 U	94 U
Aroclor 1260	100 U	110 U	94 U
Aldrin	0.47 U	0.45 U	0.44 U
Dieldrin	0.46 U	0.44 U	0.43 U

Client Sample ID:	FSS-PCB1-022
Sampling Date:	6/2006
PCBs, Total	742

Client Sample ID:	FSS-PCB1-021
Sampling Date:	6/2006
PCBs, Total	1824

Client Sample ID:	LT-XC-010		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/24/2014	1/24/2014	1/24/2014
Aroclor 1248	570	410	37 U
Aroclor 1254	110 U	520	88 U
Aroclor 1260	110 U	200 J	88 U
Aldrin	3.6	0.47 U	0.43 U
Dieldrin	8.6	33	0.42 U

Client Sample ID:	LT-G-007		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Aroclor 1248	4,800	54 U	45 U
Aroclor 1254	220 U	130 U	110 U
Aroclor 1260	1,800	130 U	110 U
Aldrin	2.7 JN	0.47 U	0.47 U
Dieldrin	0.44 UJ	0.46 U	0.46 U

Client Sample ID:	LT-XC-009		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Aroclor 1248	1,600 J	47 U	42 U
Aroclor 1254	110 U	110 U	100 U
Aroclor 1260	910 J	110 U	100 U
Aldrin	22 JN	0.47 U	0.43 U
Dieldrin	75 JN	0.45 U	0.42 U

Client Sample ID:	FSS-PCB1-016
Sampling Date:	6/2006
PCBs, Total	996

Client Sample ID:	FSS-PCB1-017
Sampling Date:	6/2006
PCBs, Total	684

Client Sample ID:	FSS-PCB1-018
Sampling Date:	6/2006
PCBs, Total	1668

Client Sample ID:	FSS-PCB1-011
Sampling Date:	6/2006
PCBs, Total	3180

Client Sample ID:	LT-XC-008		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Aroclor 1248	140 U	44 U	53 U
Aroclor 1254	99 U	110 U	130 U
Aroclor 1260	99 U	110 U	130 U
Aldrin	1.2 J	0.47 U	0.48 U
Dieldrin	5.5	0.45 U	0.47 U

Client Sample ID:	FSS-PCB1-012
Sampling Date:	6/2006
PCBs, Total	765

Client Sample ID:	FSS-PCB1-006
Sampling Date:	6/2006
PCBs, Total	792

Client Sample ID:	LT-G-006		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Aroclor 1248	48 U	41 U	56 U
Aroclor 1254	120 U	98 U	130 U
Aroclor 1260	120 U	98 U	130 U
Aldrin	0.46 J	0.45 U	0.47 U
Dieldrin	0.45 J	0.43 U	0.46 U

Client Sample ID:	FSS-PCB1-007-1
Sampling Date:	6/2006
PCBs, Total	693

Client Sample ID:	FSS-PCB1-001
Sampling Date:	6/2006
PCBs, Total	930

Client Sample ID:	LT-XC-007		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Aroclor 1248	190,000	290	60 U
Aroclor 1254	5,600 U	100 U	140 U
Aroclor 1260	5,600 U	100 U	140 U
Aldrin	970 JN	0.94 J	5.4 U
Dieldrin	1,900 JN	0.46 U	5.2 U

Client Sample ID:	FSS-PCB1-002-1
Sampling Date:	6/2006
PCBs, Total	1,528

Client Sample ID:	FSS-PCB1-008-1
Sampling Date:	6/2006
PCBs, Total	774

Client Sample ID:	FSS-PCB1-003
Sampling Date:	6/2006
PCBs, Total	1146

Client Sample ID:	LT-G-005		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/28/2014	1/28/2014	1/28/2014
Aroclor 1248	1,600	53 U	44 U
Aroclor 1254	130 U	130 U	110 U
Aroclor 1260	130 U	130 U	110 U
Aldrin	0.58 U	0.51 U	0.52 U
Dieldrin	2.4 U	0.50 U	0.50 U

Client Sample ID:	LT-XC-006		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Aroclor 1248	910	41 U	39 U
Aroclor 1254	110 U	99 U	92 U
Aroclor 1260	230 J	99 U	92 U
Aldrin	2.3 U	0.47 U	0.45 U
Dieldrin	13	0.46 U	0.44 U

Client Sample ID:	LT-G-001		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Depth:	1/27/2014	1/27/2014	1/27/2014
Aroclor 1248	44 UJ	50 UJ	48 UJ
Aroclor 1254	110 UJ	120 UJ	120 UJ
Aroclor 1260	110 UJ	120 UJ	120 UJ
Aldrin	0.46 U	0.47 U	23 U
Dieldrin	0.45 U	0.45 U	22 U

Client Sample ID:	FSS-PCB1-013
Sampling Date:	6/2006
PCBs, Total	693

Client Sample ID:	FSS-PCB1-004
Sampling Date:	6/2006
PCBs, Total	184

Client Sample ID:	LT-XC-005		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Depth:	1/23/2014	1/23/2014	1/23/2014
Aroclor 1248	430 J	480 J	50 UJ
Aroclor 1254	100 UJ	120 UJ	120 UJ
Aroclor 1260	100 UJ	120 UJ	120 UJ
Aldrin	0.48 U	0.45 U	0.46 U
Dieldrin	4.3	0.44 U	0.45 U

Client Sample ID:	LT-G-014		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Depth:	1/29/2014	1/29/2014	1/29/2014
Aroclor 1248	41 U	40 U	43 U
Aroclor 1254	99 U	96 U	100 U
Aroclor 1260	99 U	96 U	100 U
Aldrin	0.44 U	0.43 U	0.43 U
Dieldrin	0.43 U	0.42 U	0.42 U

Notes:
Units are in parts per billion
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantification limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limites. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	ROD CL (Top 2 Feet)	ROD CL (Below Top 2 Feet)
Total PCBs	1,000	10,000
	NYSDEC Restricted-Residential Use SCO	
Aldrin	97	
Dieldrin	200	

Soil
Exceeds RRUSCO or ROD CL

Curbline
Property Line
Proposed Building

Post Remedial Sample Location Descriptions
Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.
10/6/2014 through 11/19/2014
Road Boring Location
Evironmental Chemical Corporation, Draft Final Status Survey Report; September 2008
4/1/2006 through 8/30/2007
Metals Area Final Status Sample Location
PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.
1/13/2014 through 3/4/2014
Confirmation Sampling Location
Utility & Confirmation Boring Location
GeoTech Boring Location
Utility Boring Location

PWGC
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P.W. GROSSER CONSULTING, INC.
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Feet
0 30 60 90 120

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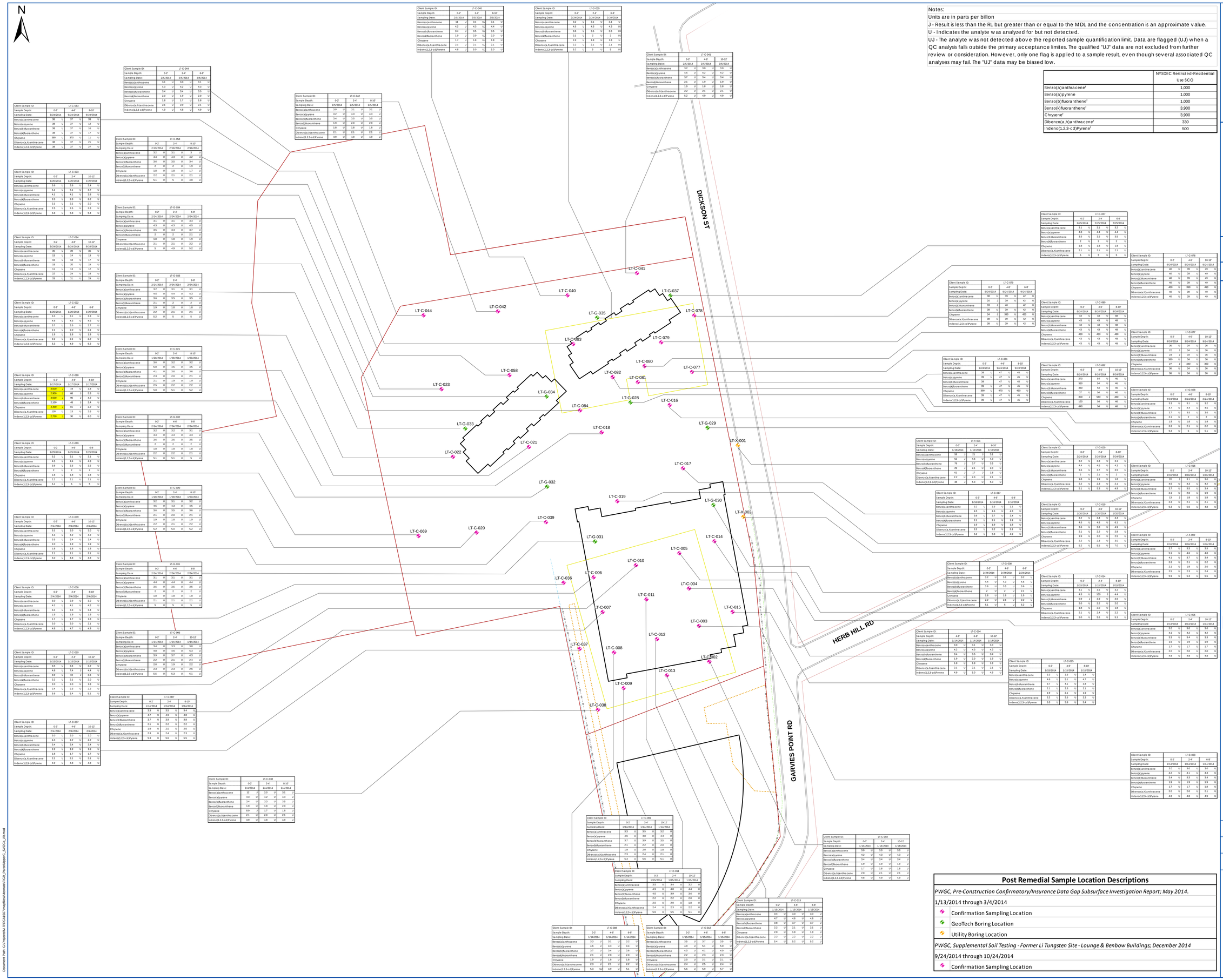
DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/18/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE
FIGURE NO:	8		

N



Notes:
Units are in parts per billion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantification limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limites. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO
Benzo(a)anthracene[1]	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene[1]	1,000
Benzo(k)fluoranthene[1]	3,900
Chrysene[1]	3,900
Dibenzo(a,h)anthracene[1]	330
Indeno(1,2,3-cd)Pyrene[1]	500

Client Sample ID:	L1-C-040					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Benzo(a)anthracene	11	J	3.1	UJ	3.1	U
Benzo(a)pyrene	4.2	U	4.3	UJ	4.4	U
Benzo(b)fluoranthene	3.4	U	3.5	UJ	3.5	U
Benzo(k)fluoranthene	1.9	U	2.0	UJ	2.0	U
Chrysene	1.7	U	1.8	UJ	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.1	UJ	2.1	U
Indeno(1,2,3-cd)Pyrene	4.8	U	5.0	UJ	5.0	U

Client Sample ID:	L1-C-035					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3.1	U
Benzo(a)pyrene	4.5	U	4.3	U	4.3	UJ
Benzo(b)fluoranthene	3.6	U	3.5	U	3.5	UJ
Benzo(k)fluoranthene	2.1	U	2	U	2	UJ
Chrysene	1.9	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.1	UJ
Indeno(1,2,3-cd)Pyrene	5.2	U	5	U	5	UJ

Client Sample ID:	L1-C-041					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Benzo(a)anthracene	3.2	U	3.0	U	3.0	U
Benzo(a)pyrene	4.5	U	4.2	U	4.2	U
Benzo(b)fluoranthene	3.7	U	3.4	U	3.4	U
Benzo(k)fluoranthene	2.1	U	1.9	U	1.9	U
Chrysene	1.9	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.2	U	4.9	U	4.9	U

Client Sample ID:	L1-C-044					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3.1	U
Benzo(a)pyrene	4.2	U	4.3	U	4.3	U
Benzo(b)fluoranthene	3.4	U	3.5	U	3.5	U
Benzo(k)fluoranthene	1.9	U	2.0	U	2.0	U
Chrysene	1.8	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.9	U	4.9	U	4.9	U

Client Sample ID:	L1-C-042					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3.1	U
Benzo(a)pyrene	4.2	U	4.3	U	4.3	U
Benzo(b)fluoranthene	3.4	U	3.5	U	3.5	U
Benzo(k)fluoranthene	1.9	U	2.0	U	2.0	U
Chrysene	1.8	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.9	U	4.9	U	4.9	U

Client Sample ID:	L1-C-083					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Benzo(a)anthracene	35	U	39	U	36	U
Benzo(a)pyrene	13	U	14	U	13	U
Benzo(b)fluoranthene	16	U	18	U	17	U
Benzo(k)fluoranthene	18	U	20	U	19	U
Chrysene	11	U	13	U	12	U
Dibenzo(a,h)anthracene	22	U	24	U	23	U
Indeno(1,2,3-cd)Pyrene	28	U	31	U	29	U

Client Sample ID:	L1-C-084					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Benzo(a)anthracene	35	U	39	U	36	U
Benzo(a)pyrene	13	U	14	U	13	U
Benzo(b)fluoranthene	16	U	18	U	17	U
Benzo(k)fluoranthene	18	U	20	U	19	U
Chrysene	11	U	13	U	12	U
Dibenzo(a,h)anthracene	22	U	24	U	23	U
Indeno(1,2,3-cd)Pyrene	28	U	31	U	29	U

Client Sample ID:	L1-C-069					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3.1	U
Benzo(a)pyrene	4.5	U	4.4	U	4.3	U
Benzo(b)fluoranthene	3.6	U	3.5	U	3.5	U
Benzo(k)fluoranthene	2	U	2	U	2	U
Chrysene	1.8	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.1	U	5	U	5	U

Client Sample ID:	L1-C-068					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/19/2014		2/19/2014		2/19/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3	U
Benzo(a)pyrene	4.4	U	4.3	U	4.2	U
Benzo(b)fluoranthene	3.6	U	3.5	U	3.4	U
Benzo(k)fluoranthene	2	U	2	U	1.9	U
Chrysene	1.8	U	1.8	U	1.7	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.1	U	5	U	4.8	U

Client Sample ID:	L1-C-023					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/20/2014		1/20/2014		1/20/2014	
Benzo(a)anthracene	3.6	U	3.6	U	3.6	U
Benzo(a)pyrene	5.1	U	5.1	U	4.7	U
Benzo(b)fluoranthene	4.1	U	4.1	U	3.8	U
Benzo(k)fluoranthene	2.3	U	2.3	U	2.2	U
Chrysene	2.1	U	2.1	U	2.0	U
Dibenzo(a,h)anthracene	2.5	U	2.5	U	2.3	U
Indeno(1,2,3-cd)Pyrene	5.8	U	5.8	U	5.4	U

Client Sample ID:	L1-C-034					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Benzo(a)anthracene	3.1	U	3.1	U	3.3	U
Benzo(a)pyrene	4.3	U	4.3	U	4.5	U
Benzo(b)fluoranthene	3.5	U	3.4	U	3.7	U
Benzo(k)fluoranthene	2	U	2	U	2.1	U
Chrysene	1.8	U	1.8	U	1.9	U
Dibenzo(a,h)anthracene	2.1	U	2.1	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5	U	4.9	U	5.2	U

Client Sample ID:	L1-C-033					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3.1	U
Benzo(a)pyrene	4.5	U	4.4	U	4.3	U
Benzo(b)fluoranthene	3.6	U	3.5	U	3.5	U
Benzo(k)fluoranthene	2.1	U	2	U	2	U
Chrysene	1.9	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.2	U	5	U	5	U

Client Sample ID:	L1-C-022					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/20/2014		1/20/2014		1/20/2014	
Benzo(a)anthracene	3.3	U	3.3	U	3.3	U
Benzo(a)pyrene	4.6	U	4.3	U	4.6	U
Benzo(b)fluoranthene	3.7	U	3.5	U	3.7	U
Benzo(k)fluoranthene	2.1	U	2.0	U	2.1	U
Chrysene	1.9	U	1.8	U	1.9	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.3	U	4.9	U	5.2	U

Client Sample ID:	L1-C-018					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/17/2014		1/17/2014		1/17/2014	
Benzo(a)anthracene	6.000	J	39	U	3.8	U
Benzo(a)pyrene	2.900	J	68	J	5.3	U
Benzo(b)fluoranthene	4.500	J	90	J	4.2	U
Benzo(k)fluoranthene	2.100	J	48	J	2.4	U
Chrysene	4.400	J	81	J	2.2	U
Dibenzo(a,h)anthracene	130	U	53	U	2.6	U
Indeno(1,2,3-cd)Pyrene	2.700	J	30	U	6.0	U

Client Sample ID:	L1-C-032					
Sample Depth:	0-2'		1-4'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Benzo(a)anthracene	3.2	U	3.2	U	3.1	U
Benzo(a)pyrene	4.4	U	4.4	U	4.3	U
Benzo(b)fluoranthene	3.6	U	3.6	U	3.5	U
Benzo(k)fluoranthene	2	U	2	U	2	U
Chrysene	1.8	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2.2	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.1	U	5.1	U	5	U

Client Sample ID:	L1-C-020					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/20/2014		1/20/2014		1/20/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3.2	U
Benzo(a)pyrene	4.5	U	4.3	U	4.5	U
Benzo(b)fluoranthene	3.6	U	3.5	U	3.6	U
Benzo(k)fluoranthene	2.1	U	2.0	U	2.1	U
Chrysene	1.9	U	1.8	U	1.9	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.2	U	5.0	U	5.2	U

Client Sample ID:	L1-C-039					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Benzo(a)anthracene	3.1	U	3.1	U	3.1	U
Benzo(a)pyrene	4.4	U	4.4	U	4.4	U
Benzo(b)fluoranthene	3.5	U	3.4	U	3.4	U
Benzo(k)fluoranthene	2.0	U	1.9	U	1.9	U
Chrysene	1.8	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.0	U	4.8	U	4.8	U

Client Sample ID:	L1-C-036					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Benzo(a)anthracene	3.0	U	2.9	U	3.0	U
Benzo(a)pyrene	4.2	U	4.1	U	4.2	U
Benzo(b)fluoranthene	3.4	U	3.3	U	3.4	U
Benzo(k)fluoranthene	1.9	U	1.9	U	1.9	U
Chrysene	1.7	U	1.7	U	1.8	U
Dibenzo(a,h)anthracene	2.0	U	2.0	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.8	U	4.7	U	4.9	U

Client Sample ID:	L1-C-010					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Benzo(a)anthracene	3.5	U	3.4	U	3.2	U
Benzo(a)pyrene	4.8	U	7.4	J	4.4	U
Benzo(b)fluoranthene	3.9	U	30	J	3.6	U
Benzo(k)fluoranthene	2.2	U	2.1	U	2.0	U
Chrysene	2.0	U	2.0	U	1.8	U
Dibenzo(a,h)anthracene	2.4	U	2.3	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.6	U	5.4	U	5.1	U

Client Sample ID:	L1-C-037					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Benzo(a)anthracene	3.0	U	3.0	U	3.0	U
Benzo(a)pyrene	4.3	U	4.2	U	4.2	U
Benzo(b)fluoranthene	3.4	U	3.4	U	3.4	U
Benzo(k)fluoranthene	1.9	U	1.9	U	1.9	U
Chrysene	1.8	U	1.7	U	1.7	U
Dibenzo(a,h)anthracene	2.1	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.9	U	4.8	U	4.8	U

Client Sample ID:	L1-C-007					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Benzo(a)anthracene	3.3	U	3.5	U	3.4	U
Benzo(a)pyrene	4.7	U	4.9	U	4.8	U
Benzo(b)fluoranthene	3.7	U	3.9	U	3.8	U
Benzo(k)fluoranthene	2.1	U	2.2	U	2.2	U
Chrysene	1.9	U	2.0	U	2.0	U
Dibenzo(a,h)anthracene	2.3	U	2.4	U	2.3	U
Indeno(1,2,3-cd)Pyrene	5.3	U	5.6	U	5.5	U

Client Sample ID:	L1-C-038					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Benzo(a)anthracene	12	J	3.0	U	3.1	U
Benzo(a)pyrene	4.3	U	4.2	U	4.3	U
Benzo(b)fluoranthene	3.4	U	3.3	U	3.5	U
Benzo(k)fluoranthene	1.9	U	1.9	U	2.0	U
Chrysene	8.9	J	1.7	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.0	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.8	U	4.8	U	4.9	U

Client Sample ID:	L1-C-009					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Benzo(a)anthracene	3.3	U	3.5	U	3.2	U
Benzo(a)pyrene	4.6	U	4.8	U	4.4	U
Benzo(b)fluoranthene	3.7	U	3.9	U	3.5	U
Benzo(k)fluoranthene	2.1	U	2.2	U	2.0	U
Chrysene	1.9	U	2.0	U	1.8	U
Dibenzo(a,h)anthracene	2.3	U	2.4	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.3	U	5.6	U	5.1	U

Client Sample ID:	L1-C-011					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Benzo(a)anthracene	3.5	U	3.4	U	3.2	U
Benzo(a)pyrene	4.9	U	4.8	U	4.4	U
Benzo(b)fluoranthene	4.0	U	3.9	U	3.6	U
Benzo(k)fluoranthene	2.2	U	2.2	U	2.0	U
Chrysene	2.0	U	2.0	U	1.8	U
Dibenzo(a,h)anthracene	2.4	U	2.3	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.5	U	5.5	U	5.1	U

Client Sample ID:	L1-C-008					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Benzo(a)anthracene	3.3	U	3.1	U	3.2	U
Benzo(a)pyrene	4.6	U	4.3	U	4.4	U
Benzo(b)fluoranthene	3.7	U	3.4	U	3.6	U
Benzo(k)fluoranthene	2.1	U	2.0	U	2.0	U
Chrysene	1.9	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.3	U	2.1	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.3	UJ	4.9	U	5.1	U

Client Sample ID:	L1-C-002					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Benzo(a)anthracene	3.5	U	3.7	U	3.5	U
Benzo(a)pyrene	4.9	U	5.1	U	5.0	U
Benzo(b)fluoranthene	4.0	U	4.1	U	4.0	U
Benzo(k)fluoranthene	2.2	U	2.3	U	2.3	U
Chrysene	2.0	U	2.1	U	2.1	U
Dibenzo(a,h)anthracene	2.4	U	2.5	U	2.4	U
Indeno(1,2,3-cd)Pyrene	5.6	U	5.9	U	5.7	U

Client Sample ID:	L1-C-013					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Benzo(a)anthracene	3.4	U	3.3	U	3.3	U
Benzo(a)pyrene	4.7	U	4.6	U	4.6	U
Benzo(b)fluoranthene	3.8	U	3.7	U	3.7	U
Benzo(k)fluoranthene	2.2	U	2.1	U	2.1	U
Chrysene	2.0	U	1.9	U	1.9	U
Dibenzo(a,h)anthracene	2.3	U	2.2	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.4	U	5.2	U	5.2	U

Client Sample ID:	L1-G-037					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Benzo(a)anthracene	3.1	U	3.1	U	3.2	U
Benzo(a)pyrene	4.3	U	4.4	U	4.4	U
Benzo(b)fluoranthene	3.5	U	3.5	U	3.5	U
Benzo(k)fluoranthene	2	U	2	U	2	U
Chrysene	1.8	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5	U	5	U	5	U

Client Sample ID:	L1-C-079					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Benzo(a)anthracene	38	U	39	U	42	U
Benzo(a)pyrene	20	J	39	U	42	U
Benzo(b)fluoranthene	33	J	40		42	U
Benzo(k)fluoranthene	38	U	39	U	42	U
Chrysene	34	J	390	U	420	U
Dibenzo(a,h)anthracene	38	U	39	U	42	U
Indeno(1,2,3-cd)Pyrene	38	U	39	U	42	U

Client Sample ID:	L1-C-080					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Benzo(a)anthracene	43	U	43	U	48	U
Benzo(a)pyrene	43	U	43	U	48	U
Benzo(b)fluoranthene	43	U	43	U	48	U
Benzo(k)fluoranthene	43	U	43	U	48	U
Chrysene	430	U	430	U	480	U
Dibenzo(a,h)anthracene	43	U	43	U	48	U
Indeno(1,2,3-cd)Pyrene	43	U	43	U	48	U

Client Sample ID:	L1-C-081					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Benzo(a)anthracene	39	U	47	U	45	U
Benzo(a)pyrene	39	U	47	U	45	U
Benzo(b)fluoranthene	39	U	47	U	45	U
Benzo(k)fluoranthene	39	U	47	U	45	U
Chrysene	390	U	470	U	450	U
Dibenzo(a,h)anthracene	39	U	47	U	45	U
Indeno(1,2,3-cd)Pyrene	39	U	47	U	45	U

Client Sample ID:	L1-C-082					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Benzo(a)anthracene	270		54	U	46	U
Benzo(a)pyrene	360		54	U	46	U
Benzo(b)fluoranthene	390		54	U	46	U
Benzo(k)fluoranthene	37	U	54	U	46	U
Chrysene	300	J	540	U	460	U
Dibenzo(a,h)anthracene	120		54	U	46	U
Indeno(1,2,3-cd)Pyrene	440		54	U	46	

Client Sample ID:	L1-C-078					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Benzo(a)anthracene	40	U	39	U	48	U
Benzo(a)pyrene	40	U	39	U	49	U
Benzo(b)fluoranthene	40	U	39	U	49	U
Benzo(k)fluoranthene	40	U	39	U	49	U
Chrysene	400	U	390	U	490	U
Dibenzo(a,h)anthracene	40	U	39	U	49	U
Indeno(1,2,3-cd)Pyrene	40	U	39	U	49	U

Client Sample ID:	L1-C-077					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Benzo(a)anthracene	35	U	34	U	36	U
Benzo(a)pyrene	22	J	34	U	36	U
Benzo(b)fluoranthene	23	J	34	U	36	U
Benzo(k)fluoranthene	360	U	34	U	36	U
Chrysene	27	J	340	U	360	U
Dibenzo(a,h)anthracene	35	U	34	U	36	U
Indeno(1,2,3-cd)Pyrene	36	U	34	U	36	U

Client Sample ID:	L1-G-028					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Benzo(a)anthracene	3.9	U	3.1	U	3.2	U
Benzo(a)pyrene	4.7	U	4.4	U	4.5	U
Benzo(b)fluoranthene	3.7	U	3.5	U	3.6	U
Benzo(k)fluoranthene	2.1	U	2	U	2	U
Chrysene	1.9	U	1.8	U	1.9	U
Dibenzo(a,h)anthracene	2.3	U	2.1	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.3	U	5	U	5.1	U

Client Sample ID:	L1-G-029					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Benzo(a)anthracene	3.2	U	3.3	U	3.1	U
Benzo(a)pyrene	4.4	U	4.6	U	4.3	U
Benzo(b)fluoranthene	3.6	U	3.7	U	3.5	U
Benzo(k)fluoranthene	2	U	2.1	U	2	U
Chrysene	1.8	U	1.9	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2.3	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.1	U	5.3	U	4.9	U

Client Sample ID:	L1-G-030					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3.2	U
Benzo(a)pyrene	4.4	U	4.3	U	4.5	U
Benzo(b)fluoranthene	3.6	U	3.5	U	3.6	U
Benzo(k)fluoranthene	2	U	2	U	2.1	U
Chrysene	1.8	U	1.8	U	1.9	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.1	U	5	U	5.2	U

Client Sample ID:	L1-G-014					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Benzo(a)anthracene	3.1	U	3.5	U	3.2	U
Benzo(a)pyrene	4.3	U	100	J	4.4	U
Benzo(b)fluoranthene	5.9	J	3.9	U	3.6	U
Benzo(k)fluoranthene	2.0	U	2.2	U	2.0	U
Chrysene	1.8	U	2.0	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.4	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.0	U	5.6	U	5.1	U

Client Sample ID:	L1-C-005					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Benzo(a)anthracene	3.0	U	3.0	U	3.0	U
Benzo(a)pyrene	4.1	U	4.2	U	4.2	U
Benzo(b)fluoranthene	3.3	U	3.4	U	3.3	U
Benzo(k)fluoranthene	1.9	U	1.9	U	1.9	U
Chrysene	1.7	U	1.7	U	1.7	U
Dibenzo(a,h)anthracene	2.0	U	2.0	U	2.0	U
Indeno(1,2,3-cd)Pyrene	4.8	U	4.8	U	4.8	U

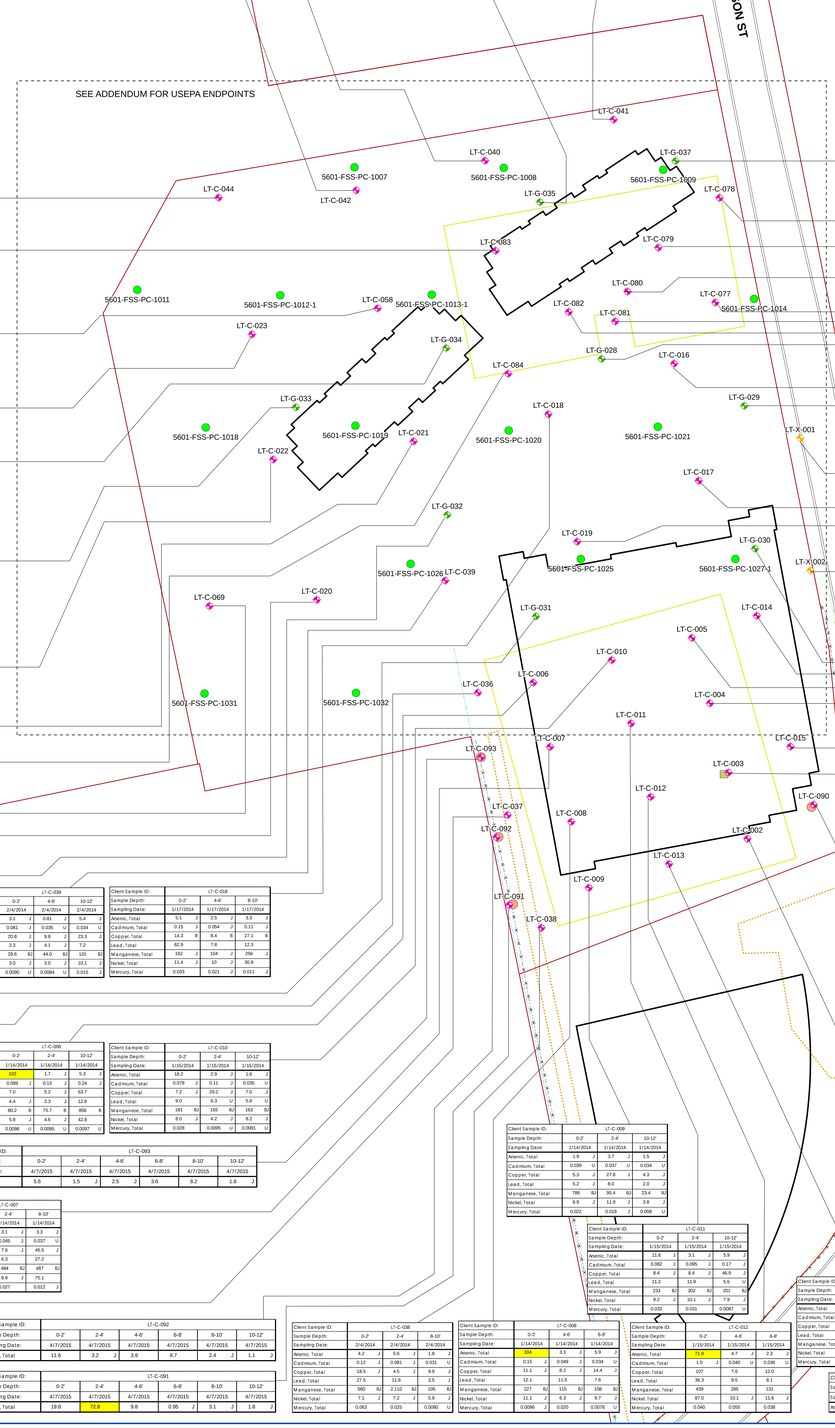
Client Sample ID:	L1-C-015					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Benzo(a)anthracene	3.3	U	3.6	U	3.4	U
Benzo(a)pyrene	4.6	U	5.1	U	4.7	U
Benzo(b)fluoranthene	3.7	U	4.1	U	3.8	U
Benzo(k)fluoranthene	2.1	U	2.3	U	2.1	U
Chrysene	1.9	U	2.2	U	1.9	U
Dibenzo(a,h)anthracene	2.2	U	2.5	U	2.3	U
Indeno(1,2,3-cd)Pyrene	5.3	U	5.8	U	5.4	U

Client Sample ID:	L1-C-002					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:

Notes:
Units are in parts per million
B - Compound was found in the blank and sample.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL



Client Sample ID:	LT-C-040		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/5/2014	2/5/2014	2/5/2014
Arsenic, Total	8.7 J	63.5	1.6 J
Cadmium, Total	0.40 J	2.6	0.034 U
Copper, Total	65.4 J	154 J	15.1 J
Lead, Total	9.5	7.3	3.6 J
Manganese, Total	193 BJ	447 BJ	39.0 BJ
Nickel, Total	12.7 J	38.4	3.1 J
Mercury, Total	0.019 J	0.013 J	0.0086 U

Client Sample ID:	LT-G-035		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/24/2014	2/24/2014	2/24/2014
Arsenic, Total	5.6 J	4.6 J	2.2 J
Cadmium, Total	0.29 J	0.32 J	4.8
Copper, Total	29.3 J	26.1 J	12.1 J
Lead, Total	7.5	9	5.6 J
Manganese, Total	284 BJ	284 BJ	123 BJ
Nickel, Total	29.2 U	27.9 U	29 U
Mercury, Total	0.0085 U	0.1	0.0083 U

Client Sample ID:	LT-C-041		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/5/2014	2/5/2014	2/5/2014
Arsenic, Total	9.3 J	3.6 J	1.4 J
Cadmium, Total	0.17 J	0.068 J	0.030 U
Copper, Total	12.3 J	13.1	6.5
Lead, Total	8.3	5.8	3.0 J
Manganese, Total	1,390 BJ	356 J	49.2 J
Nickel, Total	7.0 J	15.4 J	5.6 J
Mercury, Total	0.014 J	0.0086 U	0.0086 U

Client Sample ID:	LT-C-042		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/5/2014	2/5/2014	2/5/2014
Arsenic, Total	2.4 J	1.4 J	3.2 J
Cadmium, Total	0.046 J	0.062 J	0.032 J
Copper, Total	7.8	7.8	36.1
Lead, Total	3.9 J	4.2 J	12.5
Manganese, Total	41.9 J	39.0 J	401 J
Nickel, Total	10.9 J	11.7 J	47.2
Mercury, Total	0.0085 U	0.0079 U	0.0086 U

Client Sample ID:	LT-C-044		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/5/2014	2/5/2014	2/5/2014
Arsenic, Total	3.3 J	2.1 J	1.4 J
Cadmium, Total	0.21 J	0.16 J	0.030 U
Copper, Total	42.1	7.4	2.2 J
Lead, Total	5.8	6.2	1.9 J
Manganese, Total	143 BJ	324 BJ	57.0 BJ
Nickel, Total	10.8 J	6.7 J	1.8 J
Mercury, Total	0.0075 U	0.0081 U	0.0087 U

Client Sample ID:	LT-C-083		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	9/24/2014	9/24/2014	9/24/2014
Arsenic, Total	4.3 J	3.2 J	1.4 J
Cadmium, Total	0.18 J	1.2 U	0.039 U
Copper, Total	14.0 B	4.7 J B	7.8
Lead, Total	59.8	2.5 J	4.1 J
Manganese, Total	259 B	37.8 B	57.1 B
Nickel, Total	21.5 J	4.4 J	7.7 J
Mercury, Total	0.36	0.022 U	0.0091 U

Client Sample ID:	LT-C-058		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/19/2014	2/19/2014	2/19/2014
Arsenic, Total	3.6 J	2 J	0.87 J
Cadmium, Total	0.087 J	0.097 J	0.094 J
Copper, Total	34.5	59.4	5.3
Lead, Total	3.6 J	3.7 J	2.2 J
Manganese, Total	32	18.6	20.6
Nickel, Total	5.9 J	6.6 J	5.5 J
Mercury, Total	0.0092 U J	0.0081 U J	0.0086 U J

Client Sample ID:	LT-C-023		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Date:	1/20/2014	1/20/2014	1/20/2014
Arsenic, Total	1.0 J	0.69 J	2.5 J
Cadmium, Total	0.038 U	0.037 U	1.3
Copper, Total	11.8	9.6 J	237
Lead, Total	1.3 J	1.2 J	9.2
Manganese, Total	25.5 BJ	21.8 BJ	269 BJ
Nickel, Total	2.6 J	2.3 J	27.4
Mercury, Total	0.0092 U	0.0093 U	0.0094 U

Client Sample ID:	LT-G-034		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/24/2014	2/24/2014	2/24/2014
Arsenic, Total	1.4 J	11.6	8
Cadmium, Total	0.033 J	0.077 J	0.15 J
Copper, Total	7.6 J	6.7 J	11.5 J
Lead, Total	4.5 J	4.6 J	5.5 J
Manganese, Total	56.5 BJ	114 BJ	99.2 BJ
Nickel, Total	25.1 U	29.1 U	131 BJ
Mercury, Total	0.0089 U	0.0081 U	0.0083 U

Client Sample ID:	LT-G-033		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/24/2014	2/24/2014	2/24/2014
Arsenic, Total	5.3 J	2 J	1.9 J
Cadmium, Total	0.19 J	0.36 J	0.044 J
Copper, Total	38.9 J	16.6 J	11.3 J
Lead, Total	5.6 J	4.2 J	4.7 J
Manganese, Total	68 BJ	66.6 BJ	120 BJ
Nickel, Total	28.7 U	28.5 U	26.7 U
Mercury, Total	0.0087 U	0.0085 U	0.0082 U

Client Sample ID:	LT-C-022		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	1/20/2014	1/20/2014	1/20/2014
Arsenic, Total	16.4	2.3 J	1.4 J
Cadmium, Total	0.37 J	0.12 J	0.042 J
Copper, Total	71.5	25.3	14.2
Lead, Total	43.6	2.3 J	1.4 J
Manganese, Total	41.6 BJ	47.6 BJ	15.1 BJ
Nickel, Total	3.5 J	4.2 J	2.7 J
Mercury, Total	0.060	0.0083 U	0.016 J

Client Sample ID:	LT-C-021		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/20/2014	1/20/2014	1/20/2014
Arsenic, Total	9.9 J	6.9	3.1
Cadmium, Total	1.2	1.5	0.049 J
Copper, Total	140	97.4	6.0 J
Lead, Total	32.7	11.7	3.2 J
Manganese, Total	72.0 BJ	83.8 BJ	245 BJ
Nickel, Total	9.2 J	11.2 J	6.9 J
Mercury, Total	0.030	0.0090 U	0.0088 U

Client Sample ID:	LT-C-084		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	9/24/2014	9/24/2014	9/24/2014
Arsenic, Total	7.5 J	6.2 J	5.2 J
Cadmium, Total	0.28 J	0.17 J	0.15 J
Copper, Total	11.8	54.8	36.0
Lead, Total	11.0	16.8	13.6
Manganese, Total	560 B	847 B	692 B
Nickel, Total	15.4 J	60.2	38.7
Mercury, Total	0.37	0.011 U	0.028

Client Sample ID:	LT-C-039		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/4/2014	2/4/2014	2/4/2014
Arsenic, Total	3.1 J	0.81 J	5.4 J
Cadmium, Total	0.081 J	0.035 U	0.034 U
Copper, Total	20.8 J	9.8 J	23.3 J
Lead, Total	2.3 J	4.1 J	7.2
Manganese, Total	29.6 BJ	44.0 BJ	131 BJ
Nickel, Total	3.0 J	3.0 J	10.1 J
Mercury, Total	0.0090 U	0.0084 U	0.015

Client Sample ID:	LT-C-018		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	1/17/2014	1/17/2014	1/17/2014
Arsenic, Total	5.1 J	2.5 J	3.3 J
Cadmium, Total	0.15 J	0.054 J	0.11 J
Copper, Total	14.3 B	8.4 B	27.1 B
Lead, Total	62.9	7.8	12.3
Manganese, Total	162 J	104 J	256 J
Nickel, Total	11.4 J	10 J	30.9
Mercury, Total	0.033	0.021 J	0.011 J

Client Sample ID:	LT-C-079		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	9/24/2014	9/24/2014	9/24/2014
Arsenic, Total	5.7 J	2.3 J	2.1 J
Cadmium, Total	0.67 J	0.11 J	1.3 U
Copper, Total	27.8 B	5.5 J B	17.2 B
Lead, Total	29.5	7.4	11.9
Manganese, Total	710 B	389 B	190 B
Nickel, Total	42.2	9.5 J	14.6 J
Mercury, Total	0.50	0.072	0.023 J

Client Sample ID:	LT-C-080		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	9/24/2014	9/24/2014	9/24/2014
Arsenic, Total	4.9 J	3.0 J	6.1 J
Cadmium, Total	0.17 J	0.077 J	0.11 J
Copper, Total	15.6 B	8.0 B	48.6 B
Lead, Total	42.0	10.9	19.2
Manganese, Total	244 B	176 B	795 B
Nickel, Total	13.7 J	9.4 J	61.1
Mercury, Total	0.12	0.044	0.030 U

Client Sample ID:	LT-C-081		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	9/24/2014	9/24/2014	9/24/2014
Arsenic, Total	6.7 J	4.8 J	5.4 J
Cadmium, Total	0.18 J	0.12 J	0.15 J
Copper, Total	23.4 B	38.7 B	43.3 B
Lead, Total	16.5	15.6	18.9
Manganese, Total	526 B	494 B	648 B
Nickel, Total	27.5 J	47.1	55.4
Mercury, Total	0.06	0.027 U	0.032 J

Client Sample ID:	LT-C-082		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	9/24/2014	9/24/2014	9/24/2014
Arsenic, Total	15.8	4.7 J	4.8 J
Cadmium, Total	0.66 J	0.12 J	0.13 J
Copper, Total	45.5 B	45.1 B	39.4 B
Lead, Total	587	21.3	15.2
Manganese, Total	213 B	516 B	693 B
Nickel, Total	19.0 J	49.1	45.6
Mercury, Total	1.0	0.033 U	0.028 U

Client Sample ID:	LT-X-001		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/16/2014	1/16/2014	1/16/2014
Arsenic, Total	8.4 J	6.1 J	12.8
Cadmium, Total	0.49 J	0.27 J	1.7
Copper, Total	31.4	23.5	38.2
Lead, Total	70.1	18.0	1.7 J
Manganese, Total	246	247	68.6
Nickel, Total	13.0 J	8.7 J	5.7 J
Mercury, Total	0.099	0.13	0.0083 U

Client Sample ID:	LT-C-017		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	1/16/2014	1/16/2014	1/16/2014
Arsenic, Total	3.6 J	3.8 J	2.2
Cadmium, Total	0.22 J	0.17 J	0.16 J
Copper, Total	19.4	54.8	51.4
Lead, Total	6.2	3.8 J	2.8 J
Manganese, Total	276 B	80.4 B	55.0
Nickel, Total	7.5 J	7.0 J	5.5 J
Mercury, Total	0.014 J	0.0084 U	0.0087 U

Client Sample ID:	LT-G-030		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/24/2014	2/24/2014	2/24/2014
Arsenic, Total	4.1 J	4.8 J	4.6 J
Cadmium, Total	0.18 J	0.22 J	0.18 J
Copper, Total	12.6	9.9	8.7
Lead, Total	5.7	3.4 J	2.7
Manganese, Total	727 BJ	629 BJ	231 BJ
Nickel, Total	11.9 J	13.7 J	11.8 J
Mercury, Total	0.012 J	0.01 J	0.009 J

Client Sample ID:	LT-C-004		
Sample Depth:	4-6'	6-8'	10-12'
Sampling Date:	1/14/2014	1/14/2014	1/14/2014
Arsenic, Total	3.7 J	1.1 J	1.4 J
Cadmium, Total	0.034 U	0.23 J	0.035 U
Copper, Total	9.1	9.1	18.9
Lead, Total	5.1 J	4.6 J	7.2
Manganese, Total	109 B	110 B	8.9 B
Nickel, Total	6.7 J	14.3 J	11.4 J
Mercury, Total	0.0084 U J	0.0076 U J	0.0083 U J

Client Sample ID:	LT-C-037		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/25/2014	2/25/2014	2/25/2014
Arsenic, Total	5.9 J	4.1 J	2.4 J
Cadmium, Total	0.32 J	0.16 J	0.33 J
Copper, Total	44.5 J	19.3 J	30 J
Lead, Total	10.1	5.9	13.2
Manganese, Total	193 BJ	160 BJ	408 BJ
Nickel, Total	13 J	15.8 J	20.4
Mercury, Total	0.019 J	0.012 J	0.0087 U

Client Sample ID:	LT-C-078		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	9/24/2014	9/24/2014	9/24/2014
Arsenic, Total	18.9	2.9 J	7.4 J
Cadmium, Total	0.87 J	0.13 J	0.11 J
Copper, Total	27.4 B	10 J *	48.4 B
Lead, Total	7.7 J	6.8 J	23.9
Manganese, Total	804 B	216 B	804 B
Nickel, Total	61.1	12.0 J	65.8
Mercury, Total	0.0095 J	0.018 J	0.029 U

Client Sample ID:	LT-C-077		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	9/24/2014	9/24/2014	9/24/2014
Arsenic, Total	3.2 J	4.0 J	1.0 J
Cadmium, Total	0.071 J	0.096 J	0.050 J
Copper, Total	8.3 B	8.3 B	2.6 J B
Lead, Total	8.4	8.7	2.1 J
Manganese, Total	182 B	180 B	67.1 B
Nickel, Total	8.6 J	8.1 J	2.7 J
Mercury, Total	0.16	0.021 U	0.019 J

Client Sample ID:	LT-C-028		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/24/2014	2/24/2014	2/24/2014
Arsenic, Total	3.7 J	2.8 J	2.5 J
Cadmium, Total	0.12 J	0.078 J	0.12 J
Copper, Total	25.6	15.2	21.4
Lead, Total	14.2	8.3	11.4
Manganese, Total	299 BJ	161 BJ	1,100 BJ
Nickel, Total	33.5	16.7 J	24.1 J
Mercury, Total	0.0093 J	0.0083 U	0.0085 U

Client Sample ID:	LT-G-029		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/24/2014	2/24/2014	2/24/2014
Arsenic, Total	3 J	5 J	1 J
Cadmium, Total	0.087 J	0.12 J	0.054 J
Copper, Total	8.3	16	6
Lead, Total	6.7	7.8	1.7 J
Manganese, Total	198 BJ	225 BJ	129 BJ
Nickel, Total	7 J	9.9 J	4.1 J
Mercury, Total	0.025	0.011 J	0.0085 U

Client Sample ID:	LT-C-019		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	1/20/2014	1/20/2014	1/20/2014
Arsenic, Total	1.9 J	1.8 J	6.8
Cadmium, Total	0.18 J	0.067 J	0.13 J
Copper, Total	9.2 J	3.7 J	50.4
Lead, Total	2.1 J	1.4 J	20.5
Manganese, Total	619 BJ	1,290 BJ	904 BJ
Nickel, Total	3.9 J	7.2 J	50.0
Mercury, Total	0.087 U	0.0096 U	0.013 U

Client Sample ID:	LT-C-014		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/15/2014	1/15/2014	1/15/2014
Arsenic, Total	3.6 J	2.7 J	1.9 J
Cadmium, Total	0.034 U	0.19 J	0.068 J
Copper, Total	11.1	11.1	14.1
Lead, Total	6.4	5.9 U	5.7 U
Manganese, Total	100 BJ	141	109
Nickel, Total	9.9 J	19.7 J	12.9 J
Mercury, Total	0.0095 U	0.0093 U	0.0095 U

Client Sample ID:	LT-C-015		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	1/15/2014	1/15/2014	1/15/2014
Arsenic, Total	3.2 J	2.3 J	1.4 J
Cadmium, Total	0.036 U	0.041 U	0.036 U
Copper, Total	12.1	6.9	10.5
Lead, Total	6.0 J	6.8 U	6.1 U
Manganese, Total	450	75.7	110
Nickel, Total	146	31.8 J	13.4 J
Mercury, Total	0.0098 U	0.010 U	0.022 U

Client Sample ID:	LT-C-005		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Date:	1/14/2014	1/14/2014	1/14/2014
Arsenic, Total	6.2 J	1.8 J	1.0 J
Cadmium, Total	0.031 U	0.045 J	0.030 U
Copper, Total	8.6	7.7	4.4 J
Lead, Total	6.8	5.6	1.8 J
Manganese, Total	118 B	124 B	45.8 B
Nickel, Total	8.0 J	8.4 J	4.3 J
Mercury, Total	0.0082 U J	0.0084 U J	0.0087 U J

Client Sample ID:	LT-C-003		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	1/14/2014	1/14/2014	1/14/2014
Arsenic, Total	107	2.9 J	4.3 J
Cadmium, Total	0.044 J	0.038 J	0.035 J
Copper, Total	10.7	9.6	18.5
Lead, Total	11.1	9.6	6.5
Manganese, Total	116 B	275 B	54.6 B
Nickel, Total	10.5 J	8.8 J	16.4 J
Mercury, Total	0.033 J	0.021 J	0.0088 U J

Client Sample ID:	LT-C-003
Sample Depth:	0-2'
Sampling Date:	1/16/2014
Arsenic, Total	2.7

Client Sample ID:	LT-C-032		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/24/2014	2/24/2014	2/24/2014
Arsenic, Total	1.6 J	2.9 J	6.3 J
Cadmium, Total	0.082 J	0.063 J	0.044 J
Copper, Total	10.1	13.8	27.1 J
Lead, Total	5.6 J	6	15.5
Manganese, Total	138 BJ	90.3 BJ	88.7 BJ
Nickel, Total	12.2 J	7.5 J	58.2 BJ
Mercury, Total	0.0083 U	0.0081 U	0.012 J

Client Sample ID:	LT-C-006		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Date:	1/14/2014	1/14/2014	1/14/2014
Arsenic, Total	102	1.7 J	5.3 J
Cadmium, Total	0.099 J	0.13 J	0.24 J
Copper, Total	7.0	5.2 J	63.7
Lead, Total	4.4 J	2.3 J	12.6
Manganese, Total	80.2 B	75.7 B	856 B
Nickel, Total	5.8 J	4.6 J	42.8
Mercury, Total	0.0098 U	0.0095 U	0.0097 U

Client Sample ID:	LT-C-010		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Date:	1/15/2014	1/15/2014	1/15/2014
Arsenic, Total	18.2	2.9 J	1.6 J
Cadmium, Total	0.078 J	0.11 J	0.035 U
Copper, Total	7.2 J	29.2 J	7.0 J
Lead, Total	9.0	8.3 U	5.8 U
Manganese, Total	785 BJ	155 BJ	163 BJ
Nickel, Total	8.0 J	4.2 J	8.2 J
Mercury, Total	0.028	0.0095 U	0.0081 U

Client Sample ID:	LT-C-009		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Date:	1/14/2014	1/14/2014	1/14/2014
Arsenic, Total	1.9 J	3.7 J	1.5 J
Cadmium, Total	0.039 U	0.037 U	0.034 U
Copper, Total	5.3 J	27.8 J	4.3 J
Lead, Total	5.2 J	8.0	2.0 J
Manganese, Total	786 BJ	95.4 BJ	22.4 BJ
Nickel, Total	6.9 J	11.9 J	3.8 J
Mercury, Total	0.022	0.016 J	0.008 U

Client Sample ID:	LT-C-093
Sample Depth:	0-2' 2-4' 4-6' 6-8' 8-10' 10-12'
Sampling Date:	4/7/2015 4/7/2015 4/7/2015 4/7/2015 4/7/2015 4/7/2015
Arsenic, Total	5.6 1.5 J 2.5 J 3.6 8.2 1.8 J

Client Sample ID:	LT-C-020		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/20/2014	1/20/2014	1/20/2014
Arsenic, Total	2.8 J	1.5 J	1.9 J
Cadmium, Total	0.035 U	0.031 U	0.032 U
Copper, Total	6.5 J	11.0 J	11.5
Lead, Total	4.2 J	4.0 J	4.2 J
Manganese, Total	97.0 BJ	20.2 BJ	39.6 BJ
Nickel, Total	9.1 J	11.3 J	8.0 J
Mercury, Total	0.0093 U	0.0089 U	0.0083 U

Client Sample ID:	LT-G-031		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/24/2014	2/24/2014	2/24/2014
Arsenic, Total	1.7 J	2.2 J	5.2 J
Cadmium, Total	0.034 J	0.061 J	0.064 J
Copper, Total	2 J	6.7 J	12.7 J
Lead, Total	5.4 J	5.7	6.2
Manganese, Total	103 BJ	66.7 BJ	126 BJ
Nickel, Total	4.4 J	12.2 J	17.2 J
Mercury, Total	0.0084 U	0.014 J	0.008 U

Client Sample ID:	LT-C-069		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/25/2014	2/25/2014	2/25/2014
Arsenic, Total	5.7 J	2.2 J	2.2 J
Cadmium, Total	0.18 J	0.033 J	0.032 U
Copper, Total	28.6	18.9	7.0
Lead, Total	10.6	4.4 J	1.2 J
Manganese, Total	375 J	66.6 J	172 J
Nickel, Total	9.6 J	7.5 J	6.6 J
Mercury, Total	0.041	0.0085 U	0.0085 U

Client Sample ID:	LT-C-036		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/4/2014	2/4/2014	2/4/2014
Arsenic, Total	5.7 J	1.5 J	4.8 J
Cadmium, Total	0.18 J	0.033 J	0.032 U
Copper, Total	28.6	18.9	7.0
Lead, Total	10.6	4.4 J	1.2 J
Manganese, Total	375 J	66.6 J	172 J
Nickel, Total	9.6 J	7.5 J	6.6 J
Mercury, Total	0.041	0.0085 U	0.0085 U

Client Sample ID:	LT-C-007		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/4/2014	2/4/2014	2/4/2014
Arsenic, Total	4.7 J	2.4 J	1.9 J
Cadmium, Total	0.049 J	1.3	0.043 J
Copper, Total	8.6 J	67.0 J	8.6 J
Lead, Total	4.9 J	3.2 J	2.7 J
Manganese, Total	142 BJ	202 BJ	50.9 BJ
Nickel, Total	5.9 J	14.8 J	11.0 J
Mercury, Total	0.011 J	0.0081 U	0.0081 U

Client Sample ID:	LT-C-002					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Sampling Date:	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014
Arsenic, Total	11.6	3.2 J	3.9	8.7	2.4 J	1.1 J
Sampling Date:	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015
Arsenic, Total	19.8	72.8	9.8	0.95 J	3.1 J	1.8 J

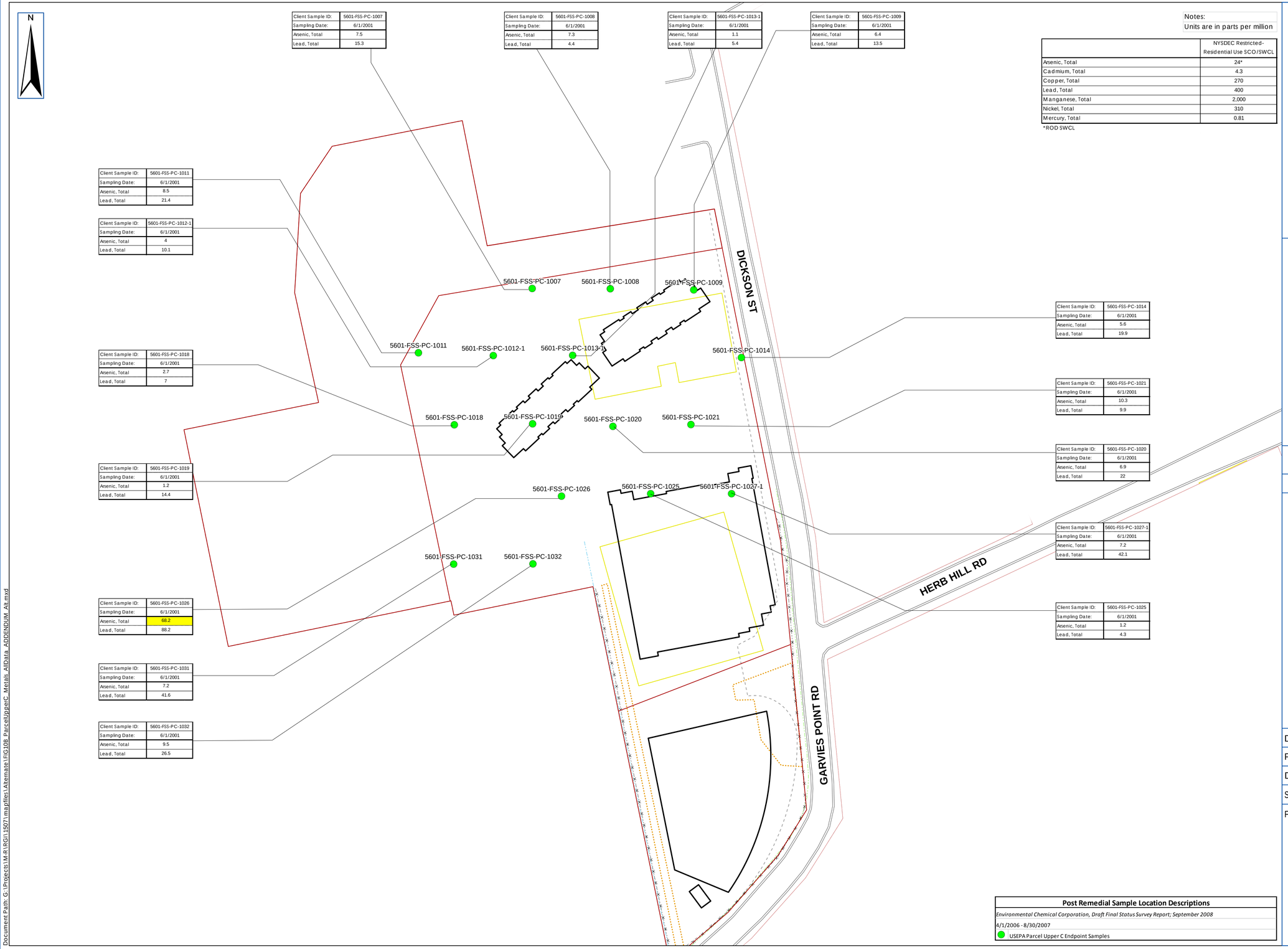
Client Sample ID:	LT-C-038		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/4/2014	2/4/2014	2/4/2014
Arsenic, Total	4.2 J	5.6 J	1.8 J
Cadmium, Total	0.12 J	0.081 J	0.031 U
Copper, Total	18.5 J	4.5 J	9.9 J
Lead, Total	27.5	11.6	3.5 J
Manganese, Total	560 BJ	2,110 BJ	105 BJ
Nickel, Total	7.1 J	7.2 J	5.9 J
Mercury, Total	0.063	0.025	0.0080 U

Client Sample ID:	LT-C-008		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	1/14/2014	1/14/2014	1/14/2014
Arsenic, Total	104	3.3 J	5.9 J
Cadmium, Total	0.15 J	0.049 J	0.034 U
Copper, Total	11.1 J	8.2 J	14.4 J
Lead, Total	12.1	11.5	7.6
Manganese, Total	227 BJ	115 BJ	108 BJ
Nickel, Total	11.1 J	6.3 J	9.7 J
Mercury, Total	0.0096 J	0.020	0.0079 U

Client Sample ID:	LT-C-012		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	1/15/2014	1/15/2014	1/15/2014
Arsenic, Total	31.9	4.7 J	2.3 J
Cadmium, Total	1.0 J	0.040 U	0.036 U
Copper, Total	107	7.6	12.0
Lead, Total	36.3	9.5	8.1
Manganese, Total	439	295	131
Nickel, Total	87.0	10.1 J	11.6 J
Mercury, Total	0.040	0.055	0.038

Client Sample ID:	LT-C-011		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Date:	1/15/2014	1/15/2014	1/15/2014
Arsenic, Total	11.6 J	3.1 J	5.9 J
Cadmium, Total	0.082 J	0.095 J	0.17 J
Copper, Total	8.4 J	8.4 J	46.9 J
Lead, Total	11.2	11.9	5.5 U
Manganese, Total	233 BJ	302 BJ	201 BJ
Nickel, Total	9.2 J	10.1 J	7.9 J
Mercury, Total	0.033	0.031	0.0087 U

Client Sample ID:	LT-C-002		
Sample Depth:	0-2'	2-4'	10-12'
Sampling Date:	1/14/2015	1/14/2015	1/14/2015
Arsenic, Total	7.0 J	1.9 J	3.5 J
Cadmium, Total	0.052 J	0.032 U	0.046 J
Copper, Total	12.3	9.5	17.0
L



Client Sample ID:	5601-FSS-PC-1007
Sampling Date:	6/1/2001
Arsenic, Total	7.5
Lead, Total	15.3

Client Sample ID:	5601-FSS-PC-1008
Sampling Date:	6/1/2001
Arsenic, Total	7.3
Lead, Total	4.4

Client Sample ID:	5601-FSS-PC-1013-1
Sampling Date:	6/1/2001
Arsenic, Total	1.1
Lead, Total	5.4

Client Sample ID:	5601-FSS-PC-1009
Sampling Date:	6/1/2001
Arsenic, Total	6.4
Lead, Total	13.5

Client Sample ID:	5601-FSS-PC-1011
Sampling Date:	6/1/2001
Arsenic, Total	8.5
Lead, Total	21.4

Client Sample ID:	5601-FSS-PC-1012-1
Sampling Date:	6/1/2001
Arsenic, Total	4
Lead, Total	10.1

Client Sample ID:	5601-FSS-PC-1018
Sampling Date:	6/1/2001
Arsenic, Total	2.7
Lead, Total	7

Client Sample ID:	5601-FSS-PC-1019
Sampling Date:	6/1/2001
Arsenic, Total	1.2
Lead, Total	14.4

Client Sample ID:	5601-FSS-PC-1026
Sampling Date:	6/1/2001
Arsenic, Total	68.2
Lead, Total	88.2

Client Sample ID:	5601-FSS-PC-1031
Sampling Date:	6/1/2001
Arsenic, Total	7.2
Lead, Total	41.6

Client Sample ID:	5601-FSS-PC-1032
Sampling Date:	6/1/2001
Arsenic, Total	9.5
Lead, Total	26.5

Client Sample ID:	5601-FSS-PC-1014
Sampling Date:	6/1/2001
Arsenic, Total	5.6
Lead, Total	19.9

Client Sample ID:	5601-FSS-PC-1021
Sampling Date:	6/1/2001
Arsenic, Total	10.3
Lead, Total	9.9

Client Sample ID:	5601-FSS-PC-1020
Sampling Date:	6/1/2001
Arsenic, Total	6.9
Lead, Total	22

Client Sample ID:	5601-FSS-PC-1027-1
Sampling Date:	6/1/2001
Arsenic, Total	7.2
Lead, Total	42.1

Client Sample ID:	5601-FSS-PC-1025
Sampling Date:	6/1/2001
Arsenic, Total	1.2
Lead, Total	4.3

Notes:
Units are in parts per million

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL

Post Remedial Sample Location Descriptions

Environmental Chemical Corporation, Draft Final Status Survey Report; September 2008

4/1/2006 - 8/30/2007

USEPA Parcel Upper C Endpoint Samples

PWGC
Strategic Environmental and Engineering Solutions

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Addendum:
PARCEL UPPER C METALS USEPA ENDPOINTS

GLEN ISLE

0 60 120 180 240 Feet

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DRAWING PREPARED FOR:

Soil

Exceeds ROD SWCL or RRUSCO

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

FIGURE NO: 10B

Document Path: G:\Projects\M-R\RGI\1507\mapfiles\Alternate\FIG10B_ParcelUpperC_Metals_AllData_ADDENDUM_Alt.mxd

N

Notes:
Units are in parts per billion
H - Sample was prepped or analyzed beyond the specific holding time.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.

	NYSDEC Restricted-Residential Use SCO
Aldrin	97
Dieldrin	200

Client Sample ID:	LT-G-035					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Aldrin	0.46	U	0.44	U	0.43	U
Dieldrin	0.44	U	0.43	U	0.42	U

Client Sample ID:	LT-C-041					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Aldrin	0.45	U	0.43	U	0.42	U
Dieldrin	0.44	U	0.42	U	0.41	U

Client Sample ID:	LT-C-082					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Aldrin	93	U	27	U	2.3	U
Dieldrin	93	U	27	U	2.3	U

Client Sample ID:	LT-G-037					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Aldrin	0.44	U	0.44	U	0.45	U
Dieldrin	0.42	U	0.43	U	0.44	U

Client Sample ID:	LT-C-040					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Aldrin	0.42	U	0.44	U	0.43	U
Dieldrin	0.4100	U	0.43	U	0.42	U

Client Sample ID:	LT-C-042					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Aldrin	0.43	U	0.43	U	0.44	U
Dieldrin	0.42	U	0.42	U	6.5	

Client Sample ID:	LT-C-044					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Aldrin	0.43	U	0.42	U	0.43	U
Dieldrin	0.42	U	0.4100	U	0.42	U

Client Sample ID:	LT-C-058					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/19/2014		2/19/2014		2/19/2014	
Aldrin	0.45	U	0.43	U	0.43	U
Dieldrin	0.43	U	0.4200	U	0.42	U

Client Sample ID:	LT-C-023					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/20/2014		1/20/2014		1/20/2014	
Aldrin	0.50	U	0.50	U	0.48	U
Dieldrin	0.49	U	0.49	U	0.47	U

Client Sample ID:	LT-C-083					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Aldrin	3.8	U	18	U	0.49	UH
Dieldrin	3.8	U	18	U	0.48	UH

Client Sample ID:	LT-G-034					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Aldrin	4.4	U	0.44	U	0.45	U
Dieldrin	4.3	U	0.43	U	0.44	U

Client Sample ID:	LT-C-064					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Aldrin	5.1	UH	0.58	UH	1.1	UH
Dieldrin	5.0	UH	0.57	UH	1.0	UH

Client Sample ID:	LT-C-018					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/17/2014		1/17/2014		1/17/2014	
Aldrin	110	U	10	U	0.53	U
Dieldrin	110	U	10	U	0.52	U

Client Sample ID:	LT-G-033					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Aldrin	0.45	U	0.44	U	0.44	U
Dieldrin	0.44	U	0.43	U	0.43	U

Client Sample ID:	LT-C-022					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/20/2014		1/20/2014		1/20/2014	
Aldrin	0.46	U	0.43	U	0.46	U
Dieldrin	0.45	U	0.42	U	0.45	U

Client Sample ID:	LT-C-021					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/20/2014		1/20/2014		1/20/2014	
Aldrin	0.50	U	0.46	U	0.45	U
Dieldrin	0.70	J	0.45	U	0.44	U

Client Sample ID:	LT-C-069					
Sample Depth:	0-2		4-6'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Aldrin	0.45	U	0.45	U	0.43	U
Dieldrin	0.44	U	0.44	U	0.42	U

Client Sample ID:	LT-C-020					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/20/2014		1/20/2014		1/20/2014	
Aldrin	0.46	U	0.44	U	0.45	U
Dieldrin	0.45	U	0.43	U	0.44	U

Client Sample ID:	LT-G-032					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Aldrin	0.44	U	0.44	U	0.43	U
Dieldrin	0.43	U	0.43	U	0.42	U

Client Sample ID:	LT-G-031					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Aldrin	0.44	U	0.45	U	0.45	U
Dieldrin	0.43	U	0.44	U	0.44	U

Client Sample ID:	LT-C-039					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Aldrin	0.43	U	0.43	U	0.43	U
Dieldrin	0.4200	U	0.42	U	0.42	U

Client Sample ID:	LT-C-036					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Aldrin	0.43	U	0.42	U	0.42	U
Dieldrin	0.42	U	0.41	U	0.41	U

Client Sample ID:	LT-C-006					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Aldrin	0.48	U	0.47	U	0.53	U
Dieldrin	0.47	U	0.46	U	0.52	U

Client Sample ID:	LT-C-037					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Aldrin	0.42	U	0.42	U	0.43	U
Dieldrin	0.41	U	0.41	U	0.42	U

Client Sample ID:	LT-C-038					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Aldrin	0.43	U	0.42	U	0.43	U
Dieldrin	0.72	J	0.41	U	0.4200	U

Client Sample ID:	LT-C-007					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Aldrin	0.47	U	0.49	U	0.49	U
Dieldrin	0.46	U	0.47	U	0.48	U

Client Sample ID:	LT-C-008					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Aldrin	0.47	U	0.43	U	0.45	U
Dieldrin	0.46	U	0.42	U	0.44	U

Client Sample ID:	LT-C-009					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Aldrin	0.48	U	0.49	U	0.45	U
Dieldrin	0.46	U	0.48	U	0.43	U

Client Sample ID:	LT-C-010					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Aldrin	2.4	U	0.47	U	0.45	U
Dieldrin	2.3	U	0.46	U	0.44	U

Client Sample ID:	LT-C-011					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Aldrin	0.49	U	0.49	U	2.2	U
Dieldrin	0.48	U	0.48	U	2.2	U

Client Sample ID:	LT-C-012					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Aldrin	4.9	U	0.51	U	0.50	U
Dieldrin	5.8	U	0.49	U	0.49	U

Client Sample ID:	LT-C-078					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Aldrin	2.0	U	2.0	U	2.5	U
Dieldrin	2.0	U	2.0	U	2.5	U

Client Sample ID:	LT-C-079					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Aldrin	97	U	99	U	4.2	U
Dieldrin	97	U	99	U	4.2	U

Client Sample ID:	LT-C-077					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Aldrin	36	U	34	U	18	U
Dieldrin	36	U	34	U	18	U

Client Sample ID:	LT-C-080					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Aldrin	21	U	22	U	2.4	U
Dieldrin	21	U	22	U	2.4	U

Client Sample ID:	LT-C-081					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	9/24/2014		9/24/2014		9/24/2014	
Aldrin	97	U	2.4	U	2.3	U
Dieldrin	97	U	2.4	U	2.3	U

Client Sample ID:	LT-C-016					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/16/2014		1/16/2014		1/16/2014	
Aldrin	8.4	U	0.44	U	0.42	U
Dieldrin	9.2	U	0.43	U	0.41	U

Client Sample ID:	LT-G-028					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Aldrin	0.47	U	0.44	U	0.45	U
Dieldrin	0.46	U	0.43	U	0.43	U

Client Sample ID:	LT-X-001					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/16/2014		1/16/2014		1/16/2014	
Aldrin	9.2	U	9.3	U	0.44	U
Dieldrin	9.0	U	9.1	U	0.43	U

Client Sample ID:	LT-G-029					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Aldrin	0.44	U	0.47	U	0.43	U
Dieldrin	0.48	J	0.58	J	0.42	U

Client Sample ID:	LT-C-017					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/16/2014		1/16/2014		1/16/2014	
Aldrin	0.46	U	0.46	U	0.44	U
Dieldrin	0.47	J	0.45	U	0.43	U

Client Sample ID:	LT-X-002					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/16/2014		1/16/2014		1/16/2014	
Aldrin	0.53	U	0.47	U	0.48	U
Dieldrin	0.52	U	0.46	U	0.47	U

Client Sample ID:	LT-G-030					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/24/2014		2/24/2014		2/24/2014	
Aldrin	0.44	U	0.44	U	0.46	U
Dieldrin	0.43	U	0.43	U	0.45	U

Client Sample ID:	LT-C-019					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	1/20/2014		1/20/2014		1/20/2014	
Aldrin	0.45	U	0.48	U	0.60	U
Dieldrin	0.44	U	0.47	U	0.59	U

Client Sample ID:	LT-C-014					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Aldrin	0.43	U	0.48	U	0.45	U
Dieldrin	0.42	U	0.47	U	0.43	U

Client Sample ID:	LT-C-005					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Aldrin	0.42	U	0.43	U	0.43	U
Dieldrin	0.41	U	0.42	U	0.42	U

Client Sample ID:	LT-C-015					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Aldrin	0.47	U	0.50	U	0.47	U
Dieldrin	0.46	U	0.49	U	0.46	U

Client Sample ID:	LT-C-004					
Sample Depth:	4-6'		6-8'		10-12'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Aldrin	0.42	U	0.43	U	0.43	U
Dieldrin	0.41	U	0.42	U	0.42	U

Client Sample ID:	LT-C-003					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	1/14/2014		1/14/2014		1/14/2014	
Aldrin	0.43	U	0.42	U	0.42	U
Dieldrin	0.42	U	0.41	U	0.41	U

Client Sample ID:	LT-C-002					
Sample Depth:	0-2'		2-4'		10-12'	
Sampling Date:	1/14/2015		1/14/2015		1/14/2015	
Aldrin	0.42	U	0.42	U	0.43	U
Dieldrin	0.41	U	0.4100	U	0.42	U

Client Sample ID:	LT-C-036					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Aldrin	0.43	U	0.42	U	0.42	U
Dieldrin	0.42	U	0.41	U	0.41	U

Client Sample ID:	LT-C-013					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/15/2014		1/15/2014		1/15/2014	
Aldrin	0.47	U	0.45	U	0.45	U
Dieldrin	0.46	U	0.44	U	0.44	U

Post Remedial Sample Location Descriptions

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- Confirmation Sampling Location
- GeoTech Boring Location
- Utility Boring Location

PWGC, Supplemental Soil Testing - Former Li Tungsten Site - Lounge & Benbow Buildings; December 2014

9/24/2014 through 10/24/2014

- Confirmation Sampling Location

PWGC
Strategic Environmental and Engineering Solutions
P.W. GROSSER CONSULTING, INC.
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LI TUNGSTEN PARCEL UPPER C PESTICIDES

GLEN ISLE

0 30 60 90 120 Feet

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DRAWING PREPARED FOR:

Soil

Exceeds RRUSCO

- Property Boundary
- Curbline
- Former Building Footprint
- Proposed Pre-Construction Remedial Excavation
- Proposed Building

DRAWING INFORMATION:

Project: RGI1507	Designed by: DE
Date: 2/17/2016	Drawn by: JCG
Scale: AS SHOWN	Approved by: DE

FIGURE NO: 11

Document Path: G:\Projects\8-RGI\1507\Graphics\Admin\FIG11_PreviousExpore_C_Pesticides_Aldrin.mxd

Notes:
Units are in parts per billion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.

	NYSDEC Restricted-Residential Use SCO
Benzo(a)anthracene[f]	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene[f]	1,000
Benzo(k)fluoranthene[f]	3,900
Chrysene[f]	3,900
Dibenzo(a,h)anthracene[f]	330
Indeno(1,2,3-cd)Pyrene[f]	500

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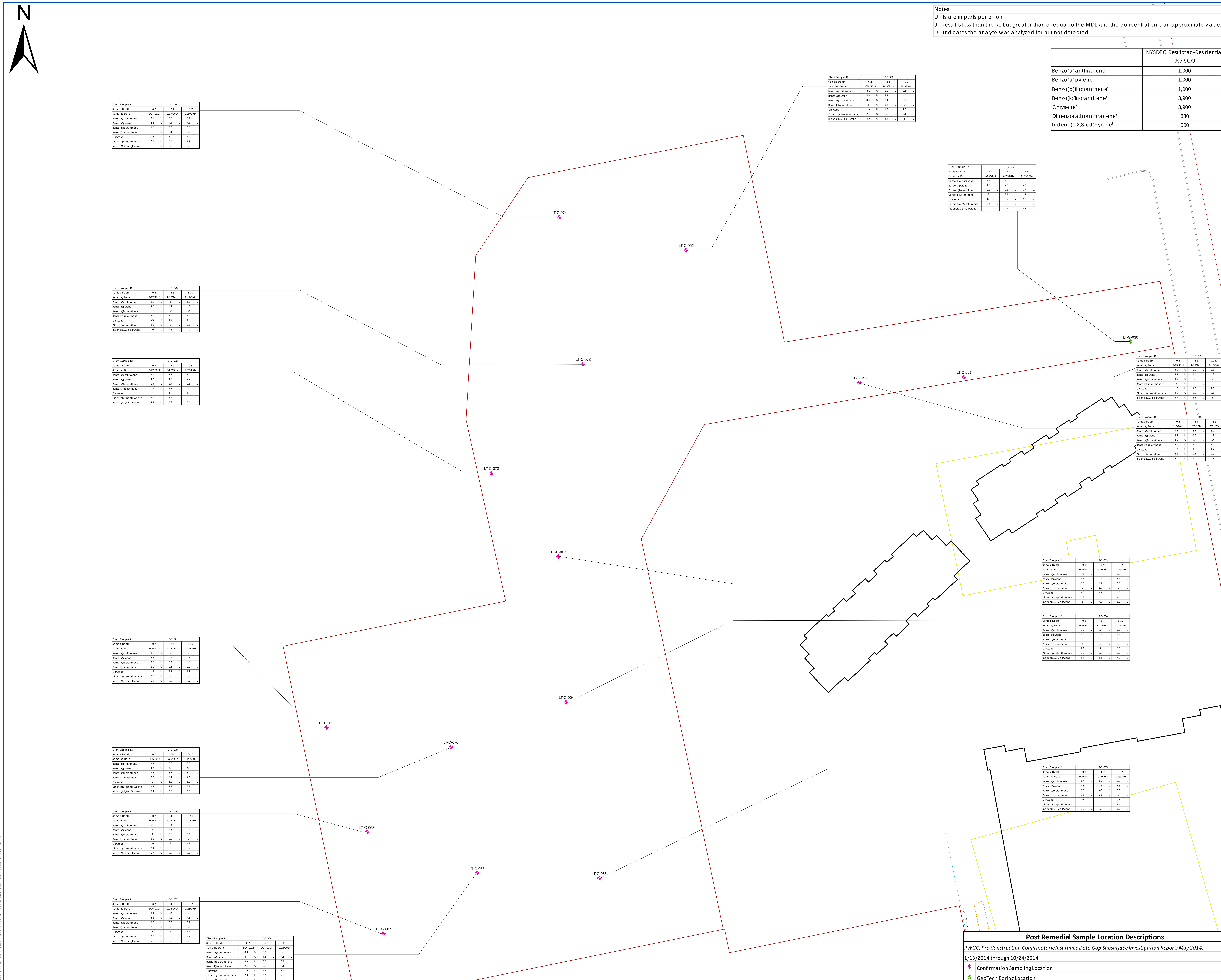
LI TUNGSTEN PARCEL C PRIME SVOCs

GLEN ISLE



Client Sample ID:	LT-C-074					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/27/2014		2/27/2014		2/27/2014	
Benzo(a)anthracene	3.1	U	3.2	U	3.2	U
Benzo(a)pyrene	4.4	U	4.5	U	4.5	U
Benzo(b)fluoranthene	3.5	U	3.6	U	3.6	U
Benzo(k)fluoranthene	2	U	2.1	U	2.1	U
Chrysene	1.8	U	1.9	U	1.9	U
Dibenzo(a,h)anthracene	2.1	U	2.2	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5	U	5.2	U	5.2	U

Client Sample ID:	LT-C-073					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/27/2014		2/27/2014		2/27/2014	
Benzo(a)anthracene	31	J	3	U	3.1	U
Benzo(a)pyrene	4.5	U	4.2	U	4.3	U
Benzo(b)fluoranthene	54	J	3.4	U	3.4	U
Benzo(k)fluoranthene	2.1	U	1.9	U	1.9	U
Chrysene	45	J	1.7	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2	U	2.1	U
Indeno(1,2,3-cd)Pyrene	20	J	4.8	U	4.9	U

Client Sample ID:	LT-C-072					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/27/2014		2/27/2014		2/27/2014	
Benzo(a)anthracene	3.1	U	3.3	U	3.2	U
Benzo(a)pyrene	4.3	U	4.6	U	4.4	U
Benzo(b)fluoranthene	13	J	3.7	U	3.6	U
Benzo(k)fluoranthene	1.9	U	2.1	U	2	U
Chrysene	11	J	1.9	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.2	U	2.2	U
Indeno(1,2,3-cd)Pyrene	4.9	U	5.3	U	5.1	U

Client Sample ID:	LT-C-062					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Benzo(a)anthracene	3.1	U	3.1	U	3.1	U
Benzo(a)pyrene	4.3	U	4.3	U	4.4	U
Benzo(b)fluoranthene	3.4	U	3.4	U	3.5	U
Benzo(k)fluoranthene	2	U	1.9	U	2	U
Chrysene	1.8	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.9	U	4.9	U	5	U

Client Sample ID:	LT-G-036					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Benzo(a)anthracene	3.1	U	3.2	U	3.1	U
Benzo(a)pyrene	4.3	U	4.5	U	4.3	UJ
Benzo(b)fluoranthene	3.5	U	3.6	U	3.4	UJ
Benzo(k)fluoranthene	2	U	2.1	U	1.9	UJ
Chrysene	1.8	U	19	J	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.2	U	2.1	UJ
Indeno(1,2,3-cd)Pyrene	5	U	5.2	U	4.9	UJ

Client Sample ID:	LT-C-061					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Benzo(a)anthracene	3.1	U	3.2	U	3.1	U
Benzo(a)pyrene	4.3	U	4.4	U	4.3	U
Benzo(b)fluoranthene	3.5	U	3.6	U	3.5	U
Benzo(k)fluoranthene	2	U	2	U	2	U
Chrysene	1.8	U	1.8	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2.2	U	2.1	U
Indeno(1,2,3-cd)Pyrene	4.9	U	5.1	U	5	U

Client Sample ID:	LT-C-043					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Benzo(a)anthracene	3.2	U	3.1	U	3.0	U
Benzo(a)pyrene	4.4	U	4.3	U	4.2	U
Benzo(b)fluoranthene	3.6	U	3.4	U	3.4	U
Benzo(k)fluoranthene	2.0	U	1.9	U	1.9	U
Chrysene	1.8	U	1.8	U	1.7	U
Dibenzo(a,h)anthracene	2.2	U	2.1	U	2.0	U
Indeno(1,2,3-cd)Pyrene	5.1	U	4.9	U	4.8	U

Client Sample ID:	LT-C-063					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Benzo(a)anthracene	3.1	U	3	U	3.2	U
Benzo(a)pyrene	4.4	U	4.2	U	4.4	U
Benzo(b)fluoranthene	3.5	U	3.4	U	3.5	U
Benzo(k)fluoranthene	2	U	1.9	U	2	U
Chrysene	1.8	U	1.7	U	1.8	U
Dibenzo(a,h)anthracene	2.1	U	2	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5	U	4.8	U	5.1	U

Client Sample ID:	LT-C-064					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Benzo(a)anthracene	3.2	U	3.4	U	3.1	U
Benzo(a)pyrene	4.5	U	4.8	U	4.3	U
Benzo(b)fluoranthene	3.6	U	3.9	U	3.5	U
Benzo(k)fluoranthene	2	U	2.2	U	2	U
Chrysene	1.9	U	2	U	1.8	U
Dibenzo(a,h)anthracene	2.2	U	2.3	U	2.1	U
Indeno(1,2,3-cd)Pyrene	5.1	U	5.5	U	4.9	U

Client Sample ID:	LT-C-065					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Benzo(a)anthracene	27	J	25	J	3.2	U
Benzo(a)pyrene	4.5	U	23	J	4.5	U
Benzo(b)fluoranthene	3.6	U	43	J	3.6	U
Benzo(k)fluoranthene	2.1	U	23	J	2	U
Chrysene	28	J	36	J	1.9	U
Dibenzo(a,h)anthracene	2.2	U	2.2	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.2	U	5.3	U	5.1	U

Client Sample ID:	LT-C-071					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Benzo(a)anthracene	3.3	U	3.2	U	3.2	U
Benzo(a)pyrene	4.6	U	9.6	J	4.5	U
Benzo(b)fluoranthene	3.7	U	10	J	10	J
Benzo(k)fluoranthene	2.1	U	2.1	U	9.3	J
Chrysene	1.9	U	7.7	J	1.9	U
Dibenzo(a,h)anthracene	2.3	U	2.2	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.3	U	5.2	U	9.7	J

Client Sample ID:	LT-C-070					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Benzo(a)anthracene	3.4	U	3.3	U	3.3	U
Benzo(a)pyrene	4.7	U	4.6	U	4.6	U
Benzo(b)fluoranthene	3.8	U	3.7	U	3.7	U
Benzo(k)fluoranthene	2.2	U	2.1	U	2.1	U
Chrysene	2	U	1.9	U	1.9	U
Dibenzo(a,h)anthracene	2.3	U	2.2	U	2.3	U
Indeno(1,2,3-cd)Pyrene	5.4	U	5.3	U	5.3	U

Client Sample ID:	LT-C-068					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Benzo(a)anthracene	21	J	3.4	U	3.2	U
Benzo(a)pyrene	5	U	4.8	U	4.4	U
Benzo(b)fluoranthene	4	U	3.8	U	3.6	U
Benzo(k)fluoranthene	2.3	U	2.2	U	2	U
Chrysene	16	J	2	U	1.8	U
Dibenzo(a,h)anthracene	2.4	U	2.3	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.7	U	5.5	U	5.1	U

Client Sample ID:	LT-C-067					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Benzo(a)anthracene	3.4	U	3.4	U	3.2	U
Benzo(a)pyrene	4.8	U	4.8	U	4.5	U
Benzo(b)fluoranthene	3.8	U	3.8	U	3.7	U
Benzo(k)fluoranthene	2.2	U	2.2	U	2.1	U
Chrysene	2	U	2	U	1.9	U
Dibenzo(a,h)anthracene	2.3	U	2.3	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.5	U	5.5	U	5.2	U

Client Sample ID:	LT-C-066					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Benzo(a)anthracene	3.3	U	3.3	U	3.3	U
Benzo(a)pyrene	4.7	U	4.6	U	4.6	U
Benzo(b)fluoranthene	3.8	U	3.7	U	3.7	U
Benzo(k)fluoranthene	2.1	U	2.1	U	2.1	U
Chrysene	1.9	U	1.9	U	1.9	U
Dibenzo(a,h)anthracene	2.3	U	2.2	U	2.2	U
Indeno(1,2,3-cd)Pyrene	5.4	U	5.2	U	5.2	U

Post Remedial Sample Location Descriptions

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 10/24/2014

Confirmation Sampling Location

GeoTech Boring Location

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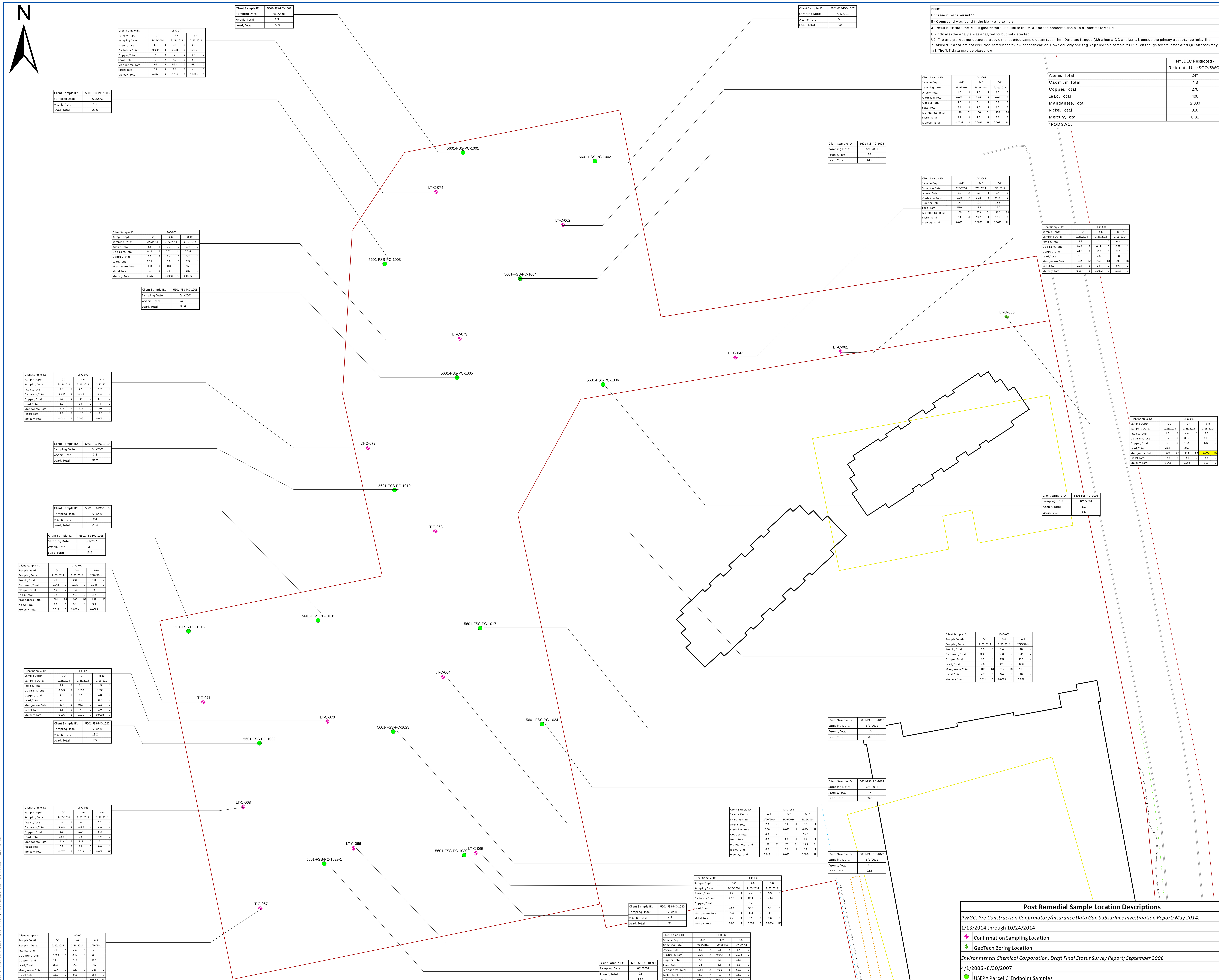
DRAWING PREPARED FOR:

DRAWING INFORMATION:

Project: RGI1507	Designed by: DE
Date: 2/17/2016	Drawn by: JCG
Scale: AS SHOWN	Approved by: DE

FIGURE NO: 12

Document Path: G:\Projects\RGI\RGI1507\Fig\Alternate\FIG12_ParcelCPrime_SVOCs_Alt.mxd



Client Sample ID:	5601-FSS-PC-1001
Sampling Date:	6/1/2001
Arsenic, Total	2.3
Lead, Total	72.3

Client Sample ID:	LT-C-074		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/27/2014	2/27/2014	2/27/2014
Arsenic, Total	1.5 J	2.3 J	2.7 J
Cadmium, Total	0.039 J	0.038 J	0.045 J
Copper, Total	4 J	3 J	6.4 J
Lead, Total	4.4 J	4.1 J	5.7
Manganese, Total	69 J	56.4 J	51.4 J
Nickel, Total	5.1 J	3.6 J	4.1 J
Mercury, Total	0.014 J	0.014 J	0.0093 J

Client Sample ID:	5601-FSS-PC-1003
Sampling Date:	6/1/2001
Arsenic, Total	1.6
Lead, Total	22.6

Client Sample ID:	LT-C-073		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/27/2014	2/27/2014	2/27/2014
Arsenic, Total	5.8 J	1.2 J	1.3 J
Cadmium, Total	0.17 J	0.031 U	0.032 J
Copper, Total	8.3 J	2.4 J	3.2 J
Lead, Total	25.1	1.8 J	2.3 J
Manganese, Total	133 J	134 J	156 J
Nickel, Total	5.2 J	3.8 J	3.5 J
Mercury, Total	0.075	0.0083 U	0.0086 U

Client Sample ID:	5601-FSS-PC-1005
Sampling Date:	6/1/2001
Arsenic, Total	11.7
Lead, Total	94.6

Client Sample ID:	LT-C-072		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/27/2014	2/27/2014	2/27/2014
Arsenic, Total	1.5 J	2.1 J	1.7 J
Cadmium, Total	0.052 J	0.073 J	0.06 J
Copper, Total	5.6 J	9 J	5.7 J
Lead, Total	5.9	3.6 J	4 J
Manganese, Total	174 J	229 J	167 J
Nickel, Total	9.3 J	14.5 J	12.2 J
Mercury, Total	0.012 J	0.0093 U	0.0091 U

Client Sample ID:	5601-FSS-PC-1010
Sampling Date:	6/1/2001
Arsenic, Total	3.8
Lead, Total	51.7

Client Sample ID:	5601-FSS-PC-1016
Sampling Date:	6/1/2001
Arsenic, Total	2.4
Lead, Total	29.4

Client Sample ID:	5601-FSS-PC-1015
Sampling Date:	6/1/2001
Arsenic, Total	2
Lead, Total	16.2

Client Sample ID:	LT-C-071		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/26/2014	2/26/2014	2/26/2014
Arsenic, Total	2.5 J	2.3 J	1.8 J
Cadmium, Total	0.042 J	0.038 J	0.046 J
Copper, Total	4.9 J	7.2	6
Lead, Total	7.9	5.2 J	2.4 J
Manganese, Total	301 BJ	183 BJ	632 BJ
Nickel, Total	7.8 J	9.1 J	5.3 J
Mercury, Total	0.015 J	0.0089 U	0.0084 U

Client Sample ID:	LT-C-070		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/26/2014	2/26/2014	2/26/2014
Arsenic, Total	2.9 J	2.1 J	1.5 J
Cadmium, Total	0.043 J	0.038 U	0.036 U
Copper, Total	4.9 J	5.1 J	4.8 J
Lead, Total	7.5	4.7 J	3.7 J
Manganese, Total	117 J	96.8 J	17.6 J
Nickel, Total	6.6 J	6 J	2.9 J
Mercury, Total	0.016 J	0.011 J	0.0088 U

Client Sample ID:	5601-FSS-PC-1022
Sampling Date:	6/1/2001
Arsenic, Total	13.2
Lead, Total	277

Client Sample ID:	LT-C-068		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/26/2014	2/26/2014	2/26/2014
Arsenic, Total	3.2 J	4 J	1.1 J
Cadmium, Total	0.061 J	0.052 J	0.07 J
Copper, Total	6.8	10.4	8.3
Lead, Total	14.4	7.5	4.5 J
Manganese, Total	419 J	113 J	51 J
Nickel, Total	8.2 J	8.8 J	8.8 J
Mercury, Total	0.057 J	0.018 J	0.0091 UJ

Client Sample ID:	LT-C-067		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/26/2014	2/26/2014	2/26/2014
Arsenic, Total	4.6 J	4.8 J	3.1 J
Cadmium, Total	0.069 J	0.14 J	0.1 J
Copper, Total	11.3	20.1	16.9
Lead, Total	39.7	14.5	7.5
Manganese, Total	217 J	820 J	185 J
Nickel, Total	13.2 J	34.3	28.6 J
Mercury, Total	0.025 J	0.03 J	0.0083 UJ

Client Sample ID:	5601-FSS-PC-1002
Sampling Date:	6/1/2001
Arsenic, Total	5.3
Lead, Total	90

Notes:

Units are in parts per million

B - Compound was found in the blank and sample.

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U - Indicates the analyte was analyzed for but not detected.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL

Client Sample ID:	LT-C-062		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/25/2014	2/25/2014	2/25/2014
Arsenic, Total	1.8 J	1.3 J	1.3 J
Cadmium, Total	0.053 J	0.04 J	0.04 J
Copper, Total	4.8 J	3.4 J	3.2 J
Lead, Total	2.4 J	1.6 J	1.3 J
Manganese, Total	176 BJ	150 BJ	180 BJ
Nickel, Total	3.9 J	2.8 J	3.2 J
Mercury, Total	0.0083 U	0.0087 U	0.0081 U

Client Sample ID:	5601-FSS-PC-1004
Sampling Date:	6/1/2001
Arsenic, Total	18
Lead, Total	44.2

Client Sample ID:	LT-C-043		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/5/2014	2/5/2014	2/5/2014
Arsenic, Total	2.3 J	8.0 J	2.4 J
Cadmium, Total	0.28 J	0.23 J	0.47 J
Copper, Total	173	101	13.8
Lead, Total	15.0	15.3	17.5
Manganese, Total	150 BJ	583 BJ	162 BJ
Nickel, Total	5.4 J	15.2 J	12.2 J
Mercury, Total	0.025	0.0080 U	0.0077 U

Client Sample ID:	LT-C-061		
Sample Depth:	0-2'	4-6'	10-12'
Sampling Date:	2/25/2014	2/25/2014	2/25/2014
Arsenic, Total	13.3	2 J	6.3 J
Cadmium, Total	0.44 J	0.17 J	0.22 J
Copper, Total	44.8 J	218 J	59.1 J
Lead, Total	16	4.8 J	7.8
Manganese, Total	212 BJ	77.3 BJ	103 BJ
Nickel, Total	20.4 J	9.6 J	8.6 J
Mercury, Total	0.017 J	0.0083 U	0.015 J

Client Sample ID:	LT-G-036		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/25/2014	2/25/2014	2/25/2014
Arsenic, Total	9.1 J	4.4 J	11.1 J
Cadmium, Total	0.2 J	0.12 J	0.18 J
Copper, Total	8.3 J	12.4 J	5.6 J
Lead, Total	22.4	37.7	7.4
Manganese, Total	230 BJ	646 BJ	3,700 BJ
Nickel, Total	16.6 J	13.6 J	13.5 J
Mercury, Total	0.042	0.062	0.01 J

Client Sample ID:	5601-FSS-PC-1006
Sampling Date:	6/1/2001
Arsenic, Total	1.1
Lead, Total	2.9

Client Sample ID:	LT-C-063		
Sample Depth:	0-2'	2-4'	6-8'
Sampling Date:	2/25/2014	2/25/2014	2/25/2014
Arsenic, Total	1.9 J	1.4 J	10 J
Cadmium, Total	0.05 J	0.038 J	0.11 J
Copper, Total	3.1 J	2.3 J	11.1 J
Lead, Total	4.5 J	2.1 J	12.3
Manganese, Total	102 BJ	117 BJ	119 BJ
Nickel, Total	4.7 J	3.4 J	10 J
Mercury, Total	0.011 J	0.0079 U	0.009 U

Client Sample ID:	5601-FSS-PC-1017
Sampling Date:	6/1/2001
Arsenic, Total	3.6
Lead, Total	23.5

Client Sample ID:	5601-FSS-PC-1024
Sampling Date:	6/1/2001
Arsenic, Total	5.2
Lead, Total	50.5

Client Sample ID:	LT-C-064		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	2/26/2014	2/26/2014	2/26/2014
Arsenic, Total	2.9 J	3.1 J	3.5 J
Cadmium, Total	0.06 J	0.075 J	0.034 U
Copper, Total	4.9 J	6.5	15.7
Lead, Total	6.6	4.9 J	4.9 J
Manganese, Total	132 BJ	257 BJ	13.4 BJ
Nickel, Total	6.5 J	7.2 J	3.1 J
Mercury, Total	0.011 J	0.023	0.0084 U

Client Sample ID:	5601-FSS-PC-1023
Sampling Date:	6/1/2001
Arsenic, Total	7.3
Lead, Total	92.5

Client Sample ID:	LT-C-065		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/26/2014	2/26/2014	2/26/2014
Arsenic, Total	4.4 J	4.4 J	3.3 J
Cadmium, Total	0.12 J	0.11 J	0.059 J
Copper, Total	9.5	9.4	10.8
Lead, Total	48.3	36.8	5.1 J
Manganese, Total	224 J	174 J	48 J
Nickel, Total	7.2 J	8.1 J	7.6 J
Mercury, Total	0.06 J	0.066 J	0.0084 UJ

Client Sample ID:	5601-FSS-PC-1030
Sampling Date:	6/1/2001
Arsenic, Total	4.9
Lead, Total	36

Client Sample ID:	LT-C-066		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/26/2014	2/26/2014	2/26/2014
Arsenic, Total	3.2 J	2.3 J	3.4 J
Cadmium, Total	0.05 J	0.043 J	0.078 J
Copper, Total	7.4	6.6	11.5
Lead, Total	23	5.5 J	5.6 J
Manganese, Total	83.4 J	46.5 J	63.9 J
Nickel, Total	5.2 J	4.2 J	15.9 J
Mercury, Total	0.029 J	0.023 J	0.0095 J

Client Sample ID:	5601-FSS-PC-1029-1
Sampling Date:	6/1/2001
Arsenic, Total	9.5
Lead, Total	93.8

Post Remedial Sample Location Descriptions

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 10/24/2014

- Confirmation Sampling Location
- GeoTech Boring Location

Environmental Chemical Corporation, Draft Final Status Survey Report; September 2008

4/1/2006 - 8/30/2007

- USEPA Parcel C' Endpoint Samples

PWGC
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LI TUNGSTEN PARCEL C PRIME METALS

GLEN ISLE

0 20 40 60 80 Feet

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DRAWING PREPARED FOR:

Soil

Exceeds RRUSCO

Property Line
Curbline
Former Building Footprint
Proposed Building

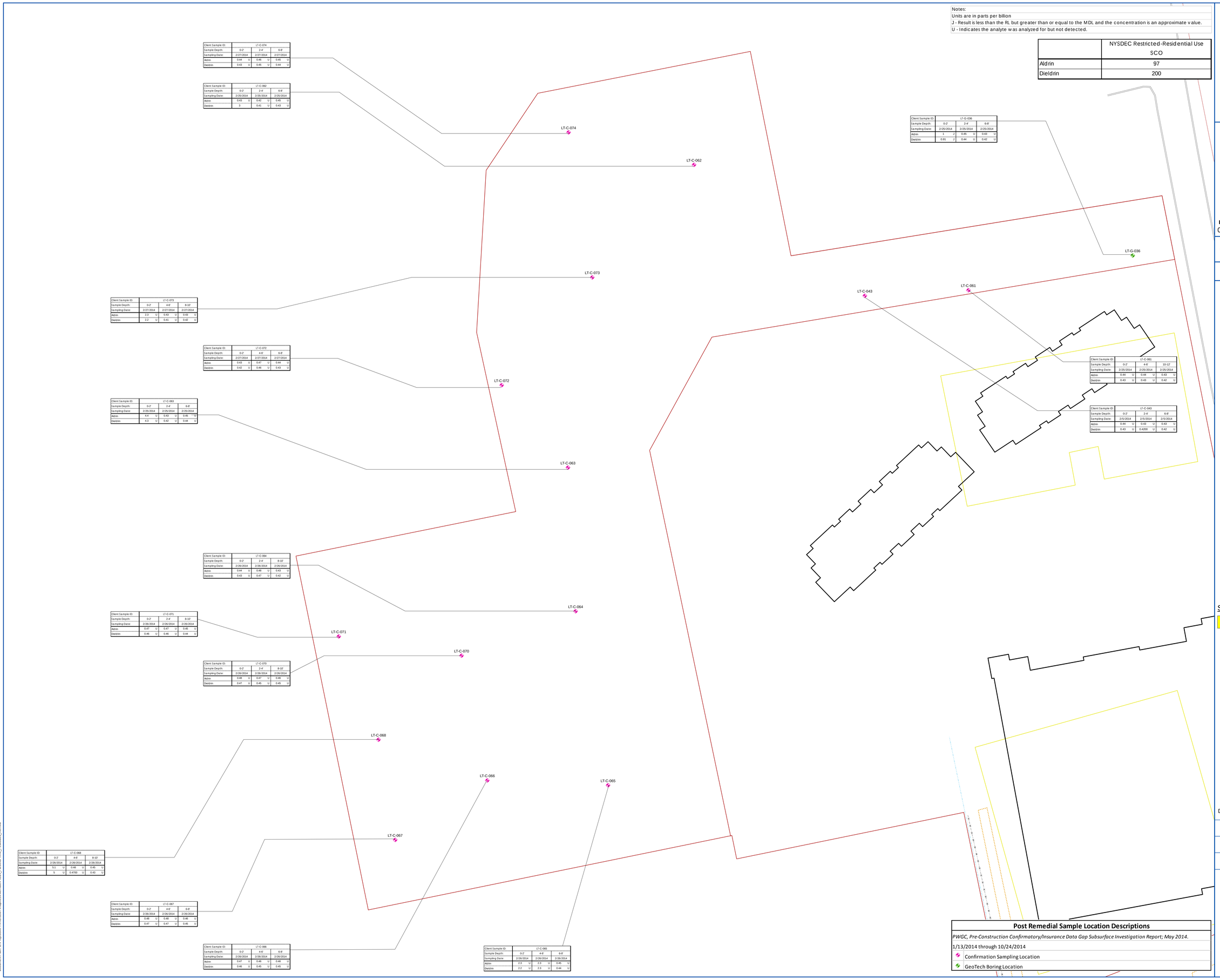
DRAWING INFORMATION:

Project: RGI1507	Designed by: DE
Date: 2/17/2016	Drawn by: JCG
Scale: AS SHOWN	Approved by: DE

FIGURE NO: 13

Notes:
Units are in parts per billion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.

	NYSDEC Restricted-Residential Use SCO
Aldrin	97
Dieldrin	200



Client Sample ID:	LT-C-074					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/27/2014		2/27/2014		2/27/2014	
Aldrin	0.44	U	0.46	U	0.45	U
Dieldrin	0.43	U	0.45	U	0.44	U

Client Sample ID:	LT-C-062					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Aldrin	0.43	U	0.42	U	0.45	U
Dieldrin	3		0.41	U	0.43	U

Client Sample ID:	LT-C-073					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/27/2014		2/27/2014		2/27/2014	
Aldrin	2.3	U	0.43	U	0.43	U
Dieldrin	2.2	U	0.41	U	0.42	U

Client Sample ID:	LT-C-072					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/27/2014		2/27/2014		2/27/2014	
Aldrin	0.43	U	0.47	U	0.44	U
Dieldrin	0.42	U	0.46	U	0.43	U

Client Sample ID:	LT-C-063					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Aldrin	4.4	U	0.43	U	0.45	U
Dieldrin	4.3	U	0.42	U	0.44	U

Client Sample ID:	LT-C-064					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Aldrin	0.44	U	0.48	U	0.43	U
Dieldrin	0.43	U	0.47	U	0.42	U

Client Sample ID:	LT-C-071					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Aldrin	0.47	U	0.47	U	0.45	U
Dieldrin	0.46	U	0.46	U	0.44	U

Client Sample ID:	LT-C-070					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Aldrin	0.48	U	0.47	U	0.46	U
Dieldrin	0.47	U	0.45	U	0.45	U

Client Sample ID:	LT-C-068					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Aldrin	5.1	U	0.48	U	0.45	U
Dieldrin	5	U	0.4700	U	0.43	U

Client Sample ID:	LT-C-067					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Aldrin	0.48	U	0.48	U	0.46	U
Dieldrin	0.47	U	0.47	U	0.45	U

Client Sample ID:	LT-C-066					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Aldrin	0.47	U	0.48	U	0.46	U
Dieldrin	0.46	U	0.45	U	0.45	U

Client Sample ID:	LT-C-065					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/26/2014		2/26/2014		2/26/2014	
Aldrin	2.3	U	2.3	U	0.45	U
Dieldrin	2.2	U	2.3	U	0.44	U

Client Sample ID:	LT-G-036					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Aldrin	1	J	0.45	U	0.43	U
Dieldrin	0.91	J	0.44	U	0.42	U

Client Sample ID:	LT-C-061					
Sample Depth:	0-2'		4-6'		10-12'	
Sampling Date:	2/25/2014		2/25/2014		2/25/2014	
Aldrin	0.44	U	0.44	U	0.43	U
Dieldrin	0.43	U	0.43	U	0.42	U

Client Sample ID:	LT-C-043					
Sample Depth:	0-2'		2-4'		6-8'	
Sampling Date:	2/5/2014		2/5/2014		2/5/2014	
Aldrin	0.44	U	0.43	U	0.43	U
Dieldrin	0.43	U	0.4200	U	0.42	U

Post Remedial Sample Location Descriptions

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 10/24/2014

- Confirmation Sampling Location
- GeoTech Boring Location

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LI TUNGSTEN PARCEL C PRIME PESTICIDES

GLEN ISLE

Feet
0 20 40 60 80

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Property Line
Curbline
Former Building Footprint
Proposed Building

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale: AS SHOWN		Approved by:	DE

FIGURE NO: 14

Document Path: G:\Projects\04-RGI\1507\Graphics\Latest\RGI1507-4_PesticidesPlan_Prelim.dwg

Client Sample ID:	PLC-01		
Sample Depth:	0.5-1'	5.5-6'	6.4-5'
Sampling Date:	11/10/2003	11/10/2003	11/10/2003
Benzo(a)anthracene	390	ND	ND
Benzo(a)pyrene	430	ND	ND
Benzo(b)fluoranthene	308	ND	ND
Benzo(k)fluoranthene	341	ND	ND
Chrysene	538	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	LT-C-024					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/21/2014		1/21/2014		1/21/2014	
Benzo(a)anthracene	540	J	56	J	3.4	UJ
Benzo(a)pyrene	540	J	43	J	4.7	UJ
Benzo(b)fluoranthene	800	J	86	J	3.8	U
Benzo(k)fluoranthene	300	J	34	J	2.2	U
Chrysene	610	J	54	J	2.0	UJ
Dibenzo(a,h)anthracene	22	U	2.3	U	2.3	U
Indeno(1,2,3-cd)Pyrene	390	J	46	J	5.4	U

Client Sample ID:	PLC-02		
Sample Depth:	0.5-1'	4-6'	10-12'
Sampling Date:	11/10/2003	11/10/2003	11/10/2003
Benzo(a)anthracene	718	ND	ND
Benzo(a)pyrene	855	ND	ND
Benzo(b)fluoranthene	839	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	877	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	LT-C-032					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/30/2014		1/30/2014		1/30/2014	
Benzo(a)anthracene	3.7	U	3.1	U	3.4	U
Benzo(a)pyrene	4.7	U	4.4	U	4.7	U
Benzo(b)fluoranthene	3.8	U	3.5	U	3.8	U
Benzo(k)fluoranthene	2.1	U	2.0	U	2.2	U
Chrysene	1.9	U	1.8	U	2.0	U
Dibenzo(a,h)anthracene	2.3	U	2.1	U	2.3	U
Indeno(1,2,3-cd)Pyrene	5.4	U	5.0	U	5.4	U

Client Sample ID:	PLC-03C		
Sample Depth:	0.5-1	3-4'	6-7'
Sampling Date:	11/6/2003	11/6/2003	11/6/2003
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	LT-C-034					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Benzo(a)anthracene	610	J	18	J	3.1	U
Benzo(a)pyrene	450	J	11	J	31	J
Benzo(b)fluoranthene	560	J	14	J	3.4	U
Benzo(k)fluoranthene	320	J	10	J	1.9	U
Chrysene	520	J	16	J	1.8	U
Dibenzo(a,h)anthracene	41	U	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	330	J	4.9	U	4.9	U

Client Sample ID:	LT-C-035					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Benzo(a)anthracene	440		28	J	3.0	U
Benzo(a)pyrene	450		21	J	4.3	U
Benzo(b)fluoranthene	590		24	J	3.4	U
Benzo(k)fluoranthene	230		16	J	1.9	U
Chrysene	520		27	J	1.8	U
Dibenzo(a,h)anthracene	54	J	2.1	U	2.1	U
Indeno(1,2,3-cd)Pyrene	280		4.9	U	4.9	U

Client Sample ID:	PLC-06		
Sample Depth:	4-5'	6-7'	11-12'
Sampling Date:	11/6/2003	11/6/2003	11/6/2003
Benzo(a)anthracene	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND
Chrysene	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	ND

Client Sample ID:	PLC-03B	
Sample Depth:	0.5-2'	10-12'
Sampling Date:	11/6/2003	11/6/2003
Benzo(a)anthracene	ND	ND
Benzo(a)pyrene	ND	ND
Benzo(b)fluoranthene	ND	ND
Benzo(k)fluoranthene	ND	ND
Chrysene	ND	ND
Dibenzo(a,h)anthracene	ND	ND
Indeno(1,2,3-cd)Pyrene	ND	ND

Client Sample ID:	PLC-03A		
Sample Depth:	0-0.5'		8-9'
Sampling Date:	11/6/2003		11/6/2003
Benzo(a)anthracene	ND		ND
Benzo(a)pyrene	ND		ND
Benzo(b)fluoranthene	ND		ND
Benzo(k)fluoranthene	ND		ND
Chrysene	ND		ND
Dibenzo(a,h)anthracene	ND		ND
Indeno(1,2,3-cd)Pyrene	ND		ND

Client Sample ID:	LT-C-025					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/21/2014		1/21/2014		1/21/2014	
Benzo(a)anthracene	31		83	U	43	J
Benzo(a)pyrene	43	U	88	U	22	U
Benzo(b)fluoranthene	35	U	73	U	18	U
Benzo(k)fluoranthene	20	U	40	U	10	U
Chrysene	18	U	37	U	36	J
Dibenzo(a,h)anthracene	21	U	43	U	11	U
Indeno(1,2,3-cd)Pyrene	50	U	100	U	25	U

Client Sample ID:	LT-C-026					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/21/2014		1/21/2014		1/21/2014	
Benzo(a)anthracene	1,200	J	710	J	820	J
Benzo(a)pyrene	1,000	J	550	J	440	J
Benzo(b)fluoranthene	1,400	J	640	J	590	J
Benzo(k)fluoranthene	550	J	330	J	230	J
Chrysene	1,400	J	740	J	620	J
Dibenzo(a,h)anthracene	22	U	24	U	23	U
Indeno(1,2,3-cd)Pyrene	670	J	330	J	53	U

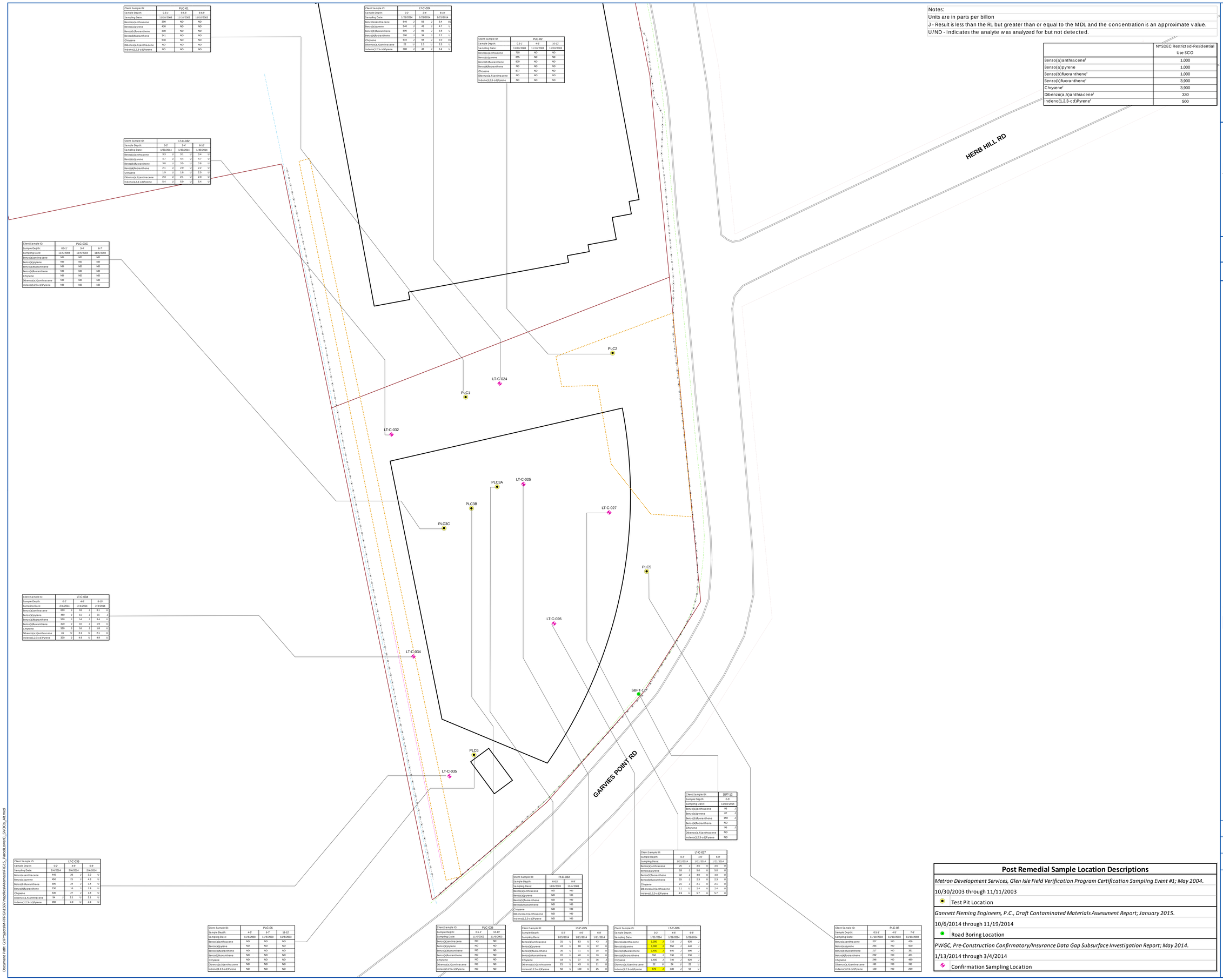
Client Sample ID:	SBFT-12
Sample Depth:	0-5
Sampling Date:	11/19/2014
Benzo(a)anthracene	93 J
Benzo(a)pyrene	87 J
Benzo(b)fluoranthene	150 J
Benzo(k)fluoranthene	ND
Chrysene	95 J
Dibenzo(a,h)anthracene	ND
Indeno(1,2,3-cd)Pyrene	ND

Client Sample ID:	LT-C-027					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/21/2014		1/21/2014		1/21/2014	
Benzo(a)anthracene	25	J	3.8	U	3.6	U
Benzo(a)pyrene	18	J	5.0	U	5.0	U
Benzo(b)fluoranthene	32	J	4.0	U	4.0	U
Benzo(k)fluoranthene	15	J	2.3	U	2.3	U
Chrysene	21	J	2.1	U	2.1	U
Dibenzo(a,h)anthracene	2.1	U	2.4	U	2.4	U
Indeno(1,2,3-cd)Pyrene	4.9	U	5.7	U	5.7	U

Client Sample ID:	PLC-05		
Sample Depth:	0.5-1'	4-5'	7-8'
Sampling Date:	11/10/2003	11/10/2003	11/10/2003
Benzo(a)anthracene	207	ND	436
Benzo(a)pyrene	264	ND	500
Benzo(b)fluoranthene	217	ND	381
Benzo(k)fluoranthene	152	ND	431
Chrysene	246	ND	489
Dibenzo(a,h)anthracene	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	159	ND	299

Notes:
Units are in parts per billion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.

	NYSDEC Restricted-Residential Use SCO
Benzo(a)anthracene[1]	1,000
Benzo(a)pyrene	1,000
Benzo(b)fluoranthene[1]	1,000
Benzo(k)fluoranthene[1]	3,900
Chrysene[1]	3,900
Dibenzo(a,h)anthracene[1]	330
Indeno(1,2,3-cd)Pyrene[1]	500



Post Remedial Sample Location Descriptions

Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1; May 2004.
10/30/2003 through 11/11/2003
Test Pit Location

Gonnett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.
10/6/2014 through 11/19/2014
Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.
1/13/2014 through 3/4/2014
Confirmation Sampling Location

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LI TUNGSTEN PARCEL LOWER C SVOCs

GLEN ISLE

Feet
0 10 20 30 40

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DRAWING PREPARED FOR:

Soil

Exceeds RRUSCO

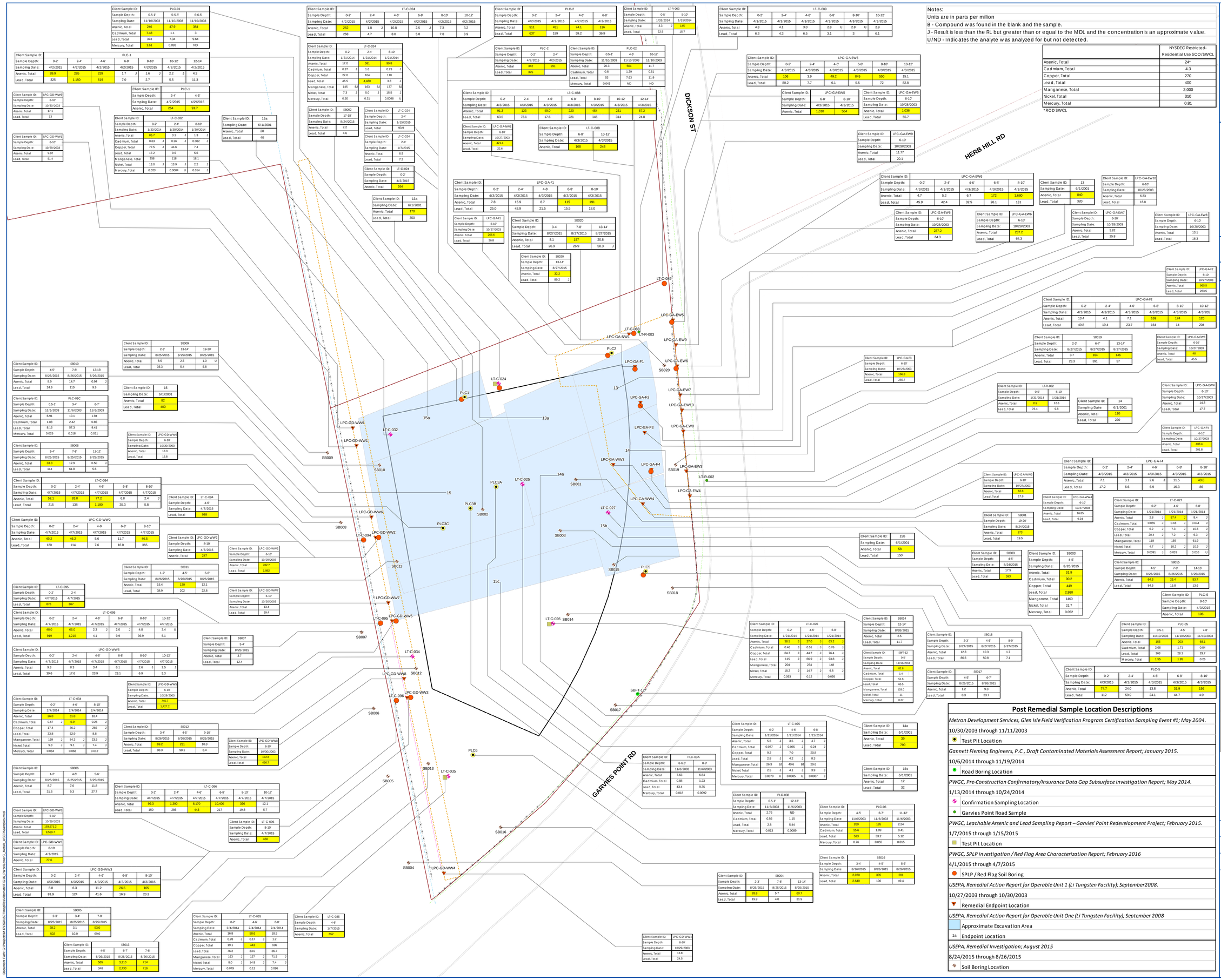
Property Line
USEPA Exempt Remedial Areas
Fence Line
Gas
Storm Drain
Unknown Utility
Curbline
Proposed Building

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

FIGURE NO: 15

Document Path: G:\Projects\M-R\RGI1507\maps\ResAnnual\FIG15_ParcelLowerC_SVOCs_All.mxd



Notes:
Units are in parts per million
B - Compound was found in the blank and the sample.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.

	NYSDEC Restricted-Residential Use SCO/SWCL
Arsenic, Total	24*
Cadmium, Total	4.3
Copper, Total	270
Lead, Total	400
Manganese, Total	2,000
Nickel, Total	310
Mercury, Total	0.81

*ROD SWCL

Client Sample ID:	PLC-01		
Sample Depth:	0.5-1'	5-5.5'	6-6.5'
Sampling Date:	11/10/2003	11/10/2003	11/10/2003
Arsenic, Total	246	47.9	364
Cadmium, Total	7.48	1.1	3
Lead, Total	373	7.34	9.64
Mercury, Total	1.61	0.093	ND

Client Sample ID:	PLC-1					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'	12-14'
Sampling Date:	4/2/2015	4/2/2015	4/2/2015	4/2/2015	4/2/2015	4/2/2015	4/2/2015
Arsenic, Total	89.9	285	239	3.7 J	1.6 J	2.2 J	4.3
Lead, Total	325	1,150	619	7.0	2.7	5.5	11.3

Client Sample ID:	PLC-1	
Sample Depth:	2-4'	4-6'
Sampling Date:	4/2/2015	4/2/2015
Arsenic, Total	264	91.7

Client Sample ID:	LPC-GD-WW9
Sample Depth:	6-10'
Sampling Date:	10/30/2003
Arsenic, Total	17.1
Lead, Total	13

Client Sample ID:	LPC-GD-WW1
Sample Depth:	6-10'
Sampling Date:	10/29/2003
Arsenic, Total	9.82
Lead, Total	51.4

Client Sample ID:	LT-C-032		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/30/2014	1/30/2014	1/30/2014
Arsenic, Total	85.7	3.1 J	1.3 J
Cadmium, Total	0.63 J	0.26 J	0.082 J
Copper, Total	77.5 J	44.6	7.4
Lead, Total	17.2	9.5	5.6
Manganese, Total	258	118	18.1
Nickel, Total	13.0 J	13.9 J	2.2 J
Mercury, Total	0.023	0.0084 U	0.014 J

Client Sample ID:	15a
Sampling Date:	6/1/2001
Arsenic, Total	20
Lead, Total	40

Client Sample ID:	LT-C-024					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Sampling Date:	4/2/2015	4/2/2015	4/2/2015	4/2/2015	4/2/2015	4/2/2015
Arsenic, Total	262	1.8 J	10.8	2.5 J	7.3	3.2
Lead, Total	268	4.7	8.0	5.8	7.8	3.9

Client Sample ID:	LT-C-024		
Sample Depth:	0-2'	2-4'	8-10'
Sampling Date:	1/21/2014	1/21/2014	1/21/2014
Arsenic, Total	17.0	581	99.8
Cadmium, Total	0.27 J	1.6	0.23 J
Copper, Total	22.0	104	110
Lead, Total	46.5	4,480	3.8 J
Manganese, Total	145 BJ	163 BJ	177 BJ
Nickel, Total	7.3 J	5.0 J	15.5 J
Mercury, Total	0.50	0.31	0.0096 U

Client Sample ID:	S8002
Sample Depth:	17-18'
Sampling Date:	8/24/2015
Arsenic, Total	2.2
Lead, Total	4.6

Client Sample ID:	LT-C-024
Sample Depth:	2-4'
Sampling Date:	1/15/2015
Lead, Total	93.9

Client Sample ID:	LT-C-024
Sample Depth:	2-4'
Sampling Date:	1/7/2015
Arsenic, Total	6.9
Lead, Total	7.2

Client Sample ID:	LT-C-024
Sample Depth:	0-2'
Sampling Date:	4/2/2015
Arsenic, Total	264

Client Sample ID:	13a
Sampling Date:	6/1/2001
Arsenic, Total	170
Lead, Total	350

Client Sample ID:	PLC-2	
Sample Depth:	0-2'	2-4'
Sampling Date:	4/2/2015	4/2/2015
Arsenic, Total	637	199
Lead, Total	59.2	36.9

Client Sample ID:	PLC-2	
Sample Depth:	0-2'	2-4'
Sampling Date:	4/2/2015	4/2/2015
Arsenic, Total	342	291
Lead, Total	375	2.2

Client Sample ID:	PLC-02		
Sample Depth:	0.5-1'	4-5'	10-12'
Sampling Date:	11/10/2003	11/10/2003	11/10/2003
Arsenic, Total	20.3	505	11.7
Cadmium, Total	0.8	1.29	0.51
Lead, Total	53	7.63	11.9
Mercury, Total	0.045	ND	ND

Client Sample ID:	LT-R-003	
Sample Depth:	0-5'	5-10'
Sampling Date:	1/31/2014	1/31/2014
Arsenic, Total	3.3 J	140
Lead, Total	22.5	15.7

Client Sample ID:	LT-C-088						
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'	12-14'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015
Arsenic, Total	91.3	123	49.0	220	454	231	67.2
Lead, Total	63.5	73.1	17.6	221	145	314	24.8

Client Sample ID:	LPC-GA-NW1
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	421.4
Lead, Total	22.6

Client Sample ID:	LT-C-088		
Sample Depth:	6-8'	10-12'	
Sampling Date:	4/3/2015	4/3/2015	
Arsenic, Total	168	243	

Client Sample ID:	LPC-GA-F1				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015
Arsenic, Total	7.8	15.9	8.7	115	184
Lead, Total	25.0	43.9	21.5	15.5	18.0

Client Sample ID:	LPC-GA-F1
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	266.6
Lead, Total	36.8

Client Sample ID:	S8020		
Sample Depth:	3-4'	7-8'	13-14'
Sampling Date:	8/27/2015	8/27/2015	8/27/2015
Arsenic, Total	8.1	157	20.8
Lead, Total	26.9	26.9	50.3 J

Client Sample ID:	S8020
Sample Depth:	13-14'
Sampling Date:	8/27/2015
Arsenic, Total	32.2
Lead, Total	89.2 J

Client Sample ID:	LT-C-089					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015
Arsenic, Total	4.3	4.1	3.0	2.8 U	2.8 U	2.9
Lead, Total	6.3	4.3	6.5	3.1	3	6.1

Client Sample ID:	LPC-GA-EW5					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015
Arsenic, Total	106	3.9	49.2	845	550	15.1
Lead, Total	80.2	7.7	6.1	5.5	72	82.8

Client Sample ID:	LPC-GA-EW5	
Sample Depth:	6-8'	8-10'
Sampling Date:	4/3/2015	4/3/2015
Arsenic, Total	1,010	564

Client Sample ID:	LPC-GA-EW5
Sample Depth:	6-10'
Sampling Date:	10/28/2003
Arsenic, Total	1,096
Lead, Total	55.7

Client Sample ID:	LPC-GA-EW9
Sample Depth:	6-10'
Sampling Date:	10/28/2003
Arsenic, Total	11.77
Lead, Total	20.1

Client Sample ID:	LPC-GA-EW6				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015
Arsenic, Total	4.7	5.2	6.7	172	1,680
Lead, Total	45.9	42.4	32.5	26.1	131

Client Sample ID:	13
Sampling Date:	6/1/2001
Arsenic, Total	640
Lead, Total	300

Client Sample ID:	LPC-GA-EW10
Sample Depth:	6-10'
Sampling Date:	10/28/2003
Arsenic, Total	6.33
Lead, Total	15.8

Client Sample ID:	LPC-GA-EW6
Sample Depth:	6-10'
Sampling Date:	10/28/2003
Arsenic, Total	237.2
Lead, Total	64.3

Client Sample ID:	LPC-GA-EW6
Sample Depth:	6-10'
Sampling Date:	10/28/2003
Arsenic, Total	237.2
Lead, Total	64.3

Client Sample ID:	LPC-GA-EW7
Sample Depth:	6-10'
Sampling Date:	10/28/2003
Arsenic, Total	5.82
Lead, Total	25.8

Client Sample ID:	LPC-GA-EW8
Sample Depth:	6-10'
Sampling Date:	10/28/2003
Arsenic, Total	13.1
Lead, Total	16.3

Client Sample ID:	LPC-GA-F2
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	965.5
Lead, Total	263.5

Client Sample ID:	LPC-GA-F2					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/205
Arsenic, Total	13.4	4.1	7.1	169	174	120
Lead, Total	49.8	19.4	23.7	164	14	204

Client Sample ID:	S8019		
Sample Depth:	2-3'	6-7'	13-14'
Sampling Date:	8/27/2015	8/27/2015	8/27/2015
Arsenic, Total	3.7	164	146
Lead, Total	23.3	391	57

Client Sample ID:	LPC-GA-EW3
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	48
Lead, Total	45.5

Client Sample ID:	LPC-GA-F3
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	140.3
Lead, Total	255.7

Client Sample ID:	LT-R-002	
Sample Depth:	0-5'	5-10'
Sampling Date:	1/31/2014	1/31/2014
Arsenic, Total	119	12.6
Lead, Total	76.4	9.8

Client Sample ID:	14
Sampling Date:	6/1/2001
Arsenic, Total	110
Lead, Total	220

Client Sample ID:	LPC-GA-EW4
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	14.3
Lead, Total	17.7

Client Sample ID:	LPC-GA-F4
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	408.4
Lead, Total	301.8

Client Sample ID:	LPC-GA-F4				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015
Arsenic, Total	7.1	3.1	2.6 J	11.5	40.8
Lead, Total	17.2	6.6	6.9	16.3	86

Client Sample ID:	LPC-GA-WW3
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	62.6
Lead, Total	17.9

Client Sample ID:	LPC-GA-WW4
Sample Depth:	6-10'
Sampling Date:	10/27/2003
Arsenic, Total	16.85
Lead, Total	9.24

Client Sample ID:	LT-C-027		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	1/21/2014	1/21/2014	1/21/2014
Arsenic, Total	2.8 J	87.4 J	8.4 J
Cadmium, Total	0.055 J	0.18 J	0.044 J
Copper, Total	6.2 J	7.3 J	10.6 J
Lead, Total	20.4 J	7.2 J	6.3 J
Manganese, Total	118	159	61.9
Nickel, Total	4.7 J	10.2 J	10.9 J
Mercury, Total	0.0091 J	0.031	0.010 U

Client Sample ID:	S8001
Sample Depth:	19-20'
Sampling Date:	8/24/2015
Arsenic, Total	173
Lead, Total	19.5

Client Sample ID:	15b
Sampling Date:	6/1/2001
Arsenic, Total	58
Lead, Total	150

Client Sample ID:	S8003
Sample Depth:	4-5'
Sampling Date:	8/24/2015
Arsenic, Total	17.9
Lead, Total	593

Client Sample ID:	S8003
Sample Depth:	4-5'
Sampling Date:	8/26/2015
Arsenic, Total	31.9
Cadmium, Total	90.2
Copper, Total	449
Lead, Total	2,980
Manganese, Total	1460
Nickel, Total	21.7
Mercury, Total	0.052

Client Sample ID:	S8015		
Sample Depth:	4-5'	7-8'	14-15'
Sampling Date:	8/26/2015	8/26/2015	8/26/2015
Arsenic, Total	64.3	26.4	93.7
Lead, Total	84.6	15.8	13.4

Client Sample ID:	PLC-5
Sample Depth:	8-10'
Sampling Date:	4/3/2015
Arsenic, Total	106

Client Sample ID:	PLC-05		
Sample Depth:	0.5-1'	4-5'	7-8'
Sampling Date:	11/10/2003	11/10/2003	11/10/2003
Arsenic, Total	155	203	68.1
Cadmium, Total	2.66	1.71	0.84
Lead, Total	260	28.1	29.7
Mercury, Total	1.55	1.95	0.26

Client Sample ID:	PLC-5				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015
Arsenic, Total	74.7	24.0	13.8	31.9	156
Lead, Total	112	59.9	24.1	44.7	4.9

Client Sample ID:	S8014
Sample Depth:	12-14'
Sampling Date:	8/26/2015
Arsenic, Total	2.5
Lead, Total	11.7

Client Sample ID:	S8018		
Sample Depth:	2-3'	4-5'	8-9'
Sampling Date:	8/27/2015	8/27/2015	8/27/2015
Arsenic, Total	12.3	10.3	1.7
Lead, Total	86.6	50.8	7.1

Client Sample ID:	S8017	
Sample Depth:	4-5'	6-7'
Sampling Date:	8/26/2015	8/26/2015
Arsenic, Total	1.2	9.3
Lead, Total	8.3	23.7

Client Sample ID:	LT-C-026		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	1/21/2014	1/21/2014	1/21/2014
Arsenic, Total	38.5 J	27.0 J	63.2 J
Cadmium, Total	0.46 J	0.51 J	0.75 J
Copper, Total	64.7 J	44.7 J	76.4 J
Lead, Total	115 J	66.9 J	93.8 J
Manganese, Total	204	234	148
Nickel, Total	18.2 J	14.7 J	9.8 J
Mercury, Total	0.093	0.12	0.095

Client Sample ID:	SBFT-12
Sample Depth:	0-5'
Sampling Date:	11/18/2014
Arsenic, Total	82.5
Cadmium, Total	1.4
Copper, Total	53.6
Lead, Total	65.5
Manganese, Total	128.0
Nickel, Total	11
Mercury, Total	0.27

Client Sample ID:	14a
Sampling Date:	6/1/2001
Arsenic, Total	39
Lead, Total	790

Client Sample ID:	15c
Sampling Date:	6/1/2001
Arsenic, Total	12
Lead, Total	32

Client Sample ID:	LT-C-025		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	1/21/2014	1/21/2014	1/21/2014
Arsenic, Total	5.6 J	3.5 J	4.7 J
Cadmium, Total	0.077 J	0.065 J	0.24 J
Copper, Total	9.2	7.0	20.8
Lead, Total	2.8 J	4.2 J	8.3
Manganese, Total	26.3 BJ	49.6 BJ	29.6
Nickel, Total	2.5 J	4.1 J	3.9 J
Mercury, Total	0.0079 U	0.0085 U	0.0087 J

Client Sample ID:	PLC-03A	
Sample Depth:	6-6.5'	8-9'
Sampling Date:	11/6/2003	11/6/2003
Arsenic, Total	7.63	6.84
Cadmium, Total	0.88	1.23
Lead, Total	43.4	9.35
Mercury, Total	0.018	0.0092

Client Sample ID:	PLC-03B	
Sample Depth:	0.5-1'	12-13'
Sampling Date:	11/6/2003	11/6/2003
Arsenic, Total	2.76	ND
Cadmium, Total	0.56	1.15
Lead, Total	2.8	5.44
Mercury, Total	0.013	0.0089

Client Sample ID:	PLC-06		
Sample Depth:	4-5'	6-7'	11-12'
Sampling Date:	11/6/2003	11/6/2003	11/6/2003
Arsenic, Total	260	195	2.24
Cadmium, Total	15.6	1.09	0.41
Lead, Total	533	33.2	5.12
Mercury, Total	0.76	0.055	0.015

Client Sample ID:	S8016		
Sample Depth:	3-4'	4-5'	5-6'
Sampling Date:	8/26/2015	8/26/2015	8/26/2015
Arsenic, Total	2,070	365	201
Lead, Total	2,640	106	49.4

Client Sample ID:	S8004		
Sample Depth:	2-3'	7-8'	13-14'
Sampling Date:	8/25/2015	8/25/2015	8/25/2015
Arsenic, Total	28.8	5.7	80.7
Lead, Total	19.9	4.0	21.9

Client Sample ID:	LPC-GD-WW4
Sample Depth:	6-10'
Sampling Date:	10/29/2003
Arsenic, Total	13.8
Lead, Total	24.5

Client Sample ID:	S8010		
Sample Depth:	4-5'	7-8'	12-13'
Sampling Date:	8/26/2015	8/26/2015	8/26/2015
Arsenic, Total	8.9	14.7	0.94 J
Lead, Total	24.9	110	9.9

Client Sample ID:	PLC-03C		
Sample Depth:	0.5-1'	3-4'	6-7'
Sampling Date:	11/6/2003	11/6/2003	11/6/2003
Arsenic, Total	6.91	10.1	1.94
Cadmium, Total	1.88	2.42	0.85
Lead, Total	8.15	57.3	9.41
Mercury, Total	0.025	0.018	0.011

Client Sample ID:	S8008		
Sample Depth:	3-4'	7-8'	11-12'
Sampling Date:	8/25/2015	8/25/2015	8/25/2015
Arsenic, Total	33.3	12.9	0.50 J
Lead, Total	114	61.8	5.6

Client Sample ID:	LT-C-094				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'
Sampling Date:	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015
Arsenic, Total	52.1	26.8	77.2	6.8	2.4 J
Lead, Total	315	138	1,180	35.3	5.8

Client Sample ID:	LPC-GD-WW2				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'
Sampling Date:	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015
Arsenic, Total	49.2	46.2	5.6	11.7	46.5
Lead, Total	120	114	7.6	16.0	365

Client Sample ID:	LT-C-094
Sample Depth:	4-6'
Sampling Date:	4/7/2015
Lead, Total	988

Client Sample ID:	LPC-GD-WW2
Sample Depth:	8-10'
Sampling Date:	4/7/2015
Arsenic, Total	247

Client Sample ID:	LPC-GD-WW2
Sample Depth:	6-10'
Sampling Date:	10/29/2003
Arsenic, Total	782.7
Lead, Total	1,982

Client Sample ID:	S8011		
Sample Depth:	1-2'	4-5'	5-6'
Sampling Date:	8/26/2015	8/26/2015	8/26/2015
Arsenic, Total	15.4	130	12.1
Lead, Total	38.9	202	22.8

Client Sample ID:	LPC-GD-WW7
Sample Depth:	6-10'
Sampling Date:	10/30/2003
Arsenic, Total	13.4
Lead, Total	59.4

Client Sample ID:	LT-C-095	
Sample Depth:	0-2'	2-4'
Sampling Date:	4/7/2015	4/7/2015
Lead, Total	876	887

Client Sample ID:	LT-C-095					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Sampling Date:	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015
Arsenic, Total	48.0	66.0	2.3 J	2.0 J	4.8	3.4 U
Lead, Total	919	1,210	4.1	9.9	39.9	5.1

Client Sample ID:	S8007
Sample Depth:	3-4'
Sampling Date:	8/25/2015
Arsenic, Total	3.7
Lead, Total	12.4

Client Sample ID:	LPC-GD-WW5					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Sampling Date:	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015
Arsenic, Total	9.3	8.3	3.4	6.1	2.6 J	2.5 J
Lead, Total	39.6	17.6	23.9	23.1	6.9	5.3

Client Sample ID:	LPC-GD-WW5
Sample Depth:	6-10'
Sampling Date:	10/29/2003
Arsenic, Total	745.7
Lead, Total	1,427.2

Client Sample ID:	LT-C-034		
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	2/4/2014	2/4/2014	2/4/2014
Arsenic, Total	26.0	61.8	18.4
Cadmium, Total	0.67 J	6.9	0.26 J
Copper, Total	17.4	36.2	265 J
Lead, Total	33.8	52.9	8.8
Manganese, Total	169 J	84.3 J	23.5 J
Nickel, Total	9.3 J	9.1 J	7.4 J
Mercury, Total	0.084	0.068	0.012

Client Sample ID:	S8012		
Sample Depth:	3-4'	4-5'	9-10'
Sampling Date:	8/26/2015	8/26/2015	8/26/2015
Arsenic, Total	69.2	231	10.3
Lead, Total	88.3	98.1	6.4

Client Sample ID:	LPC-GD-WW8
Sample Depth:	6-10'
Sampling Date:	10/30/2003
Arsenic, Total	172.6
Lead, Total	466.7

Client Sample ID:	S8006		
Sample Depth:	1-2'	4-5'	5-6'
Sampling Date:	8/25/2015	8/25/2015	8/25/2015
Arsenic, Total	8.7	7.6	11.8
Lead, Total	31.6	9.3	27.7

Client Sample ID:	LT-C-096					
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Sampling Date:	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015	4/7/2015
Arsenic, Total	99.3	1,390	6,170	10,400	396	12.1
Lead, Total	150	286	443	217	19.8	5.7

Client Sample ID:	LPC-GD-WW3
Sample Depth:	6-10'
Sampling Date:	10/29/2003
Arsenic, Total	103,012
Lead, Total	9,559.7

Client Sample ID:	LT-C-096
Sample Depth:	8-10'
Sampling Date:	4/7/2015
Arsenic, Total	460

Client Sample ID:	LPC-GD-WW3
Sample Depth:	8-10'
Sampling Date:	4/3/2015
Arsenic, Total	77.6

Client Sample ID:	LPC-GD-WW3				
Sample Depth:	0-2'	2-4'	4-6'	6-8'	8-10'
Sampling Date:	4/3/2015	4/3/2015	4/3/2015	4/3/2015	4/3/2015
Arsenic, Total	8.8	6.3	11.2	26.5	105
Lead, Total	81.9	124	41.6	16.9	20.2

Client Sample ID:	S8005		
Sample Depth:	2-3'	3-4'	7-8'
Sampling Date:	8/25/2015	8/25/2015	8/25/2015
Arsenic, Total	28.2	3.1	53.0
Lead, Total	502	10.0	69.0

Client Sample ID:	S8013		
Sample Depth:	4-5'	6-7'	7-8'
Sampling Date:	8/26/2015	8/26/2015	8/26/2015
Arsenic, Total	565	3,210	714
Lead, Total	348	2,730	716

Client Sample ID:	LT-C-035		
Sample Depth:	0-2'	4-6'	6-8'
Sampling Date:	2/4/2014	2/4/2014	2/4/2014
Arsenic, Total	16.8	58.6	18.5
Cadmium, Total	0.28 J	0.17 J	1.2
Copper, Total	19.1	443	106
Lead, Total	76.2	33.0	36.7
Manganese, Total	163 J	127 J	71.5 J
Nickel, Total	8.0 J	14.8 J	7.4 J
Mercury, Total	0.079	0.12	0.086

Client Sample ID:	LT-C-035
Sample Depth:	4-6'
Sampling Date:	1/7/2015
Arsenic, Total	552

Post Remedial Sample Location Descriptions

Metron Development Services, Glen Isle Field Verification Program Certification Sampling Event #1; May 2004.

10/30/2003 through 11/11/2003

- Test Pit Location

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 10/24/2014

- Confirmation Sampling Location
- Garvies Point Road Sample

PWGC, Leachable Arsenic and Lead Sampling Report – Garvies' Point Redevelopment Project; February 2015.

1/7/2015 through 1/15/2015

- Test Pit Location

PWGC, SPLP investigation / Red Flag Area Characterization Report; February 2016

4/1/2015 through 4/7/2015

- SPLP / Red Flag Soil Boring

USEPA, Remedial Action Report for Operable Unit 1 (Li Tungsten Facility); September2008.

10/27/2003 through 10/30/2003

- Remedial Endpoint Location

USEPA, Remedial Action Report for Operable Unit One (Li Tungsten Facility); September 2008

- Approximate Excavation Area
- 1a Endpoint Location

USEPA, Remedial Investigation; August 2015

8/24/2015 through 8/26/2015

- Soil Boring Location

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LI TUNGSTEN PARCEL LOWER C METALS

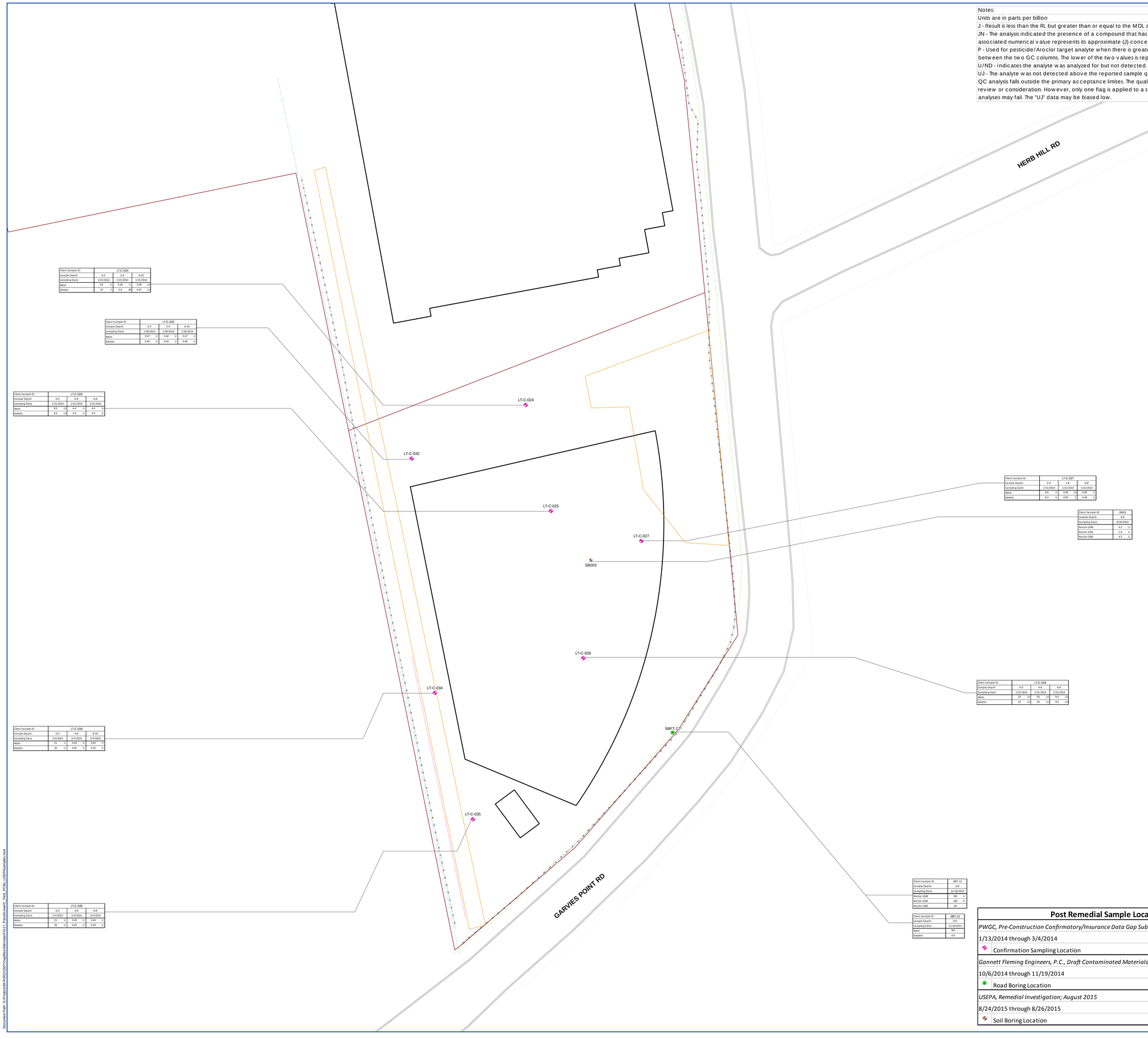
GLEN ISLE

Feet
0 10 20 30 40

Notes:
Units are in parts per billion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration
P - Used for pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentration between the two GC columns. The lower of the two values is reported with a "P".
U/ND - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantification limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limites. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

	NYSDEC Restricted-Residential Use SCO
Total PCBs	1,000

	NYSDEC Restricted-Residential Use SCO
Aldrin	97
Dieldrin	200



Client Sample ID:	LT-C-024					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/21/2014		1/21/2014		1/21/2014	
Aldrin	4.8	UJ	0.48	UJ	0.48	UJ
Dieldrin	10	J	5.0	JN	0.47	UJ

Client Sample ID:	LT-C-032					
Sample Depth:	0-2'		2-4'		8-10'	
Sampling Date:	1/30/2014		1/30/2014		1/30/2014	
Aldrin	0.47	UJ	0.44	UJ	0.47	UJ
Dieldrin	0.45	UJ	0.43	UJ	0.46	UJ

Client Sample ID:	LT-C-025					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/21/2014		1/21/2014		1/21/2014	
Aldrin	8.5	UJ	4.4	UJ	4.4	UJ
Dieldrin	8.3	UJ	4.3	UJ	4.3	UJ

Client Sample ID:	LT-C-027					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/21/2014		1/21/2014		1/21/2014	
Aldrin	8.4	UJ	0.50	UJ	0.49	UJ
Dieldrin	8.4	UJ	0.55	J	0.48	UJ

Client Sample ID:	SB003	
Sample Depth:	4-8'	
Sampling Date:	8/26/2014	
Aroclor 1248	4.2	UJ
Aroclor 1254	1.9	UJ
Aroclor 1260	4.2	UJ

Client Sample ID:	LT-C-026					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	1/21/2014		1/21/2014		1/21/2014	
Aldrin	22	UJ	25	UJ	9.4	UJ
Dieldrin	22	UJ	24	UJ	9.2	UJ

Client Sample ID:	LT-C-034					
Sample Depth:	0-2'		4-6'		8-10'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Aldrin	21	UJ	0.43	UJ	0.43	UJ
Dieldrin	20	UJ	0.42	UJ	0.42	UJ

Client Sample ID:	LT-C-035					
Sample Depth:	0-2'		4-6'		6-8'	
Sampling Date:	2/4/2014		2/4/2014		2/4/2014	
Aldrin	21	UJ	0.43	UJ	0.44	UJ
Dieldrin	20	UJ	0.42	UJ	0.43	UJ

Client Sample ID:	SBFT-12	
Sample Depth:	0-0'	
Sampling Date:	11/18/2014	
Aroclor 1248	ND	U
Aroclor 1254	100	P
Aroclor 1260	54	

Client Sample ID:	SBFT-12
Sample Depth:	0-0'
Sampling Date:	11/18/2014
Aldrin	ND
Dieldrin	4.8

Post Remedial Sample Location Descriptions

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.
1/13/2014 through 3/4/2014
Confirmation Sampling Location

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.
10/6/2014 through 11/19/2014
Road Boring Location

USEPA, Remedial Investigation; August 2015
8/24/2015 through 8/26/2015
Soil Boring Location

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LI TUNGSTEN PARCEL LOWER C PESTICIDES/PCBs

GLEN ISLE

Feet
0 10 20 30 40

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DRAWING PREPARED FOR:

Soil
Exceeds RRUSCO

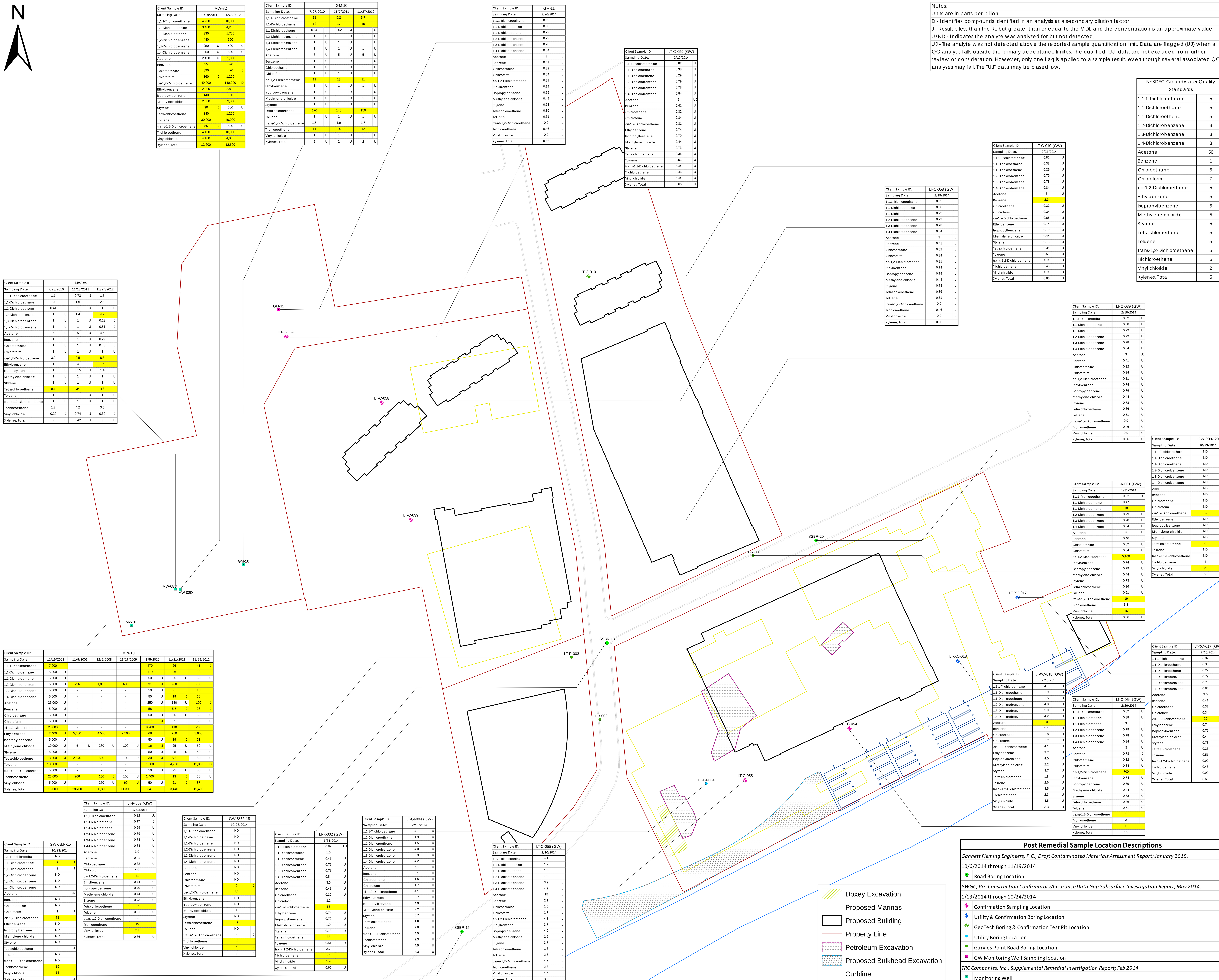
Property Line
USEPA Exempt Remedial Areas
Fence Line
Gas
Storm Drain
Unknown Utility
Curbline
Proposed Building

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
Date:	2/17/2016	Drawn by:	JCG
Scale: AS SHOWN		Approved by:	DE

FIGURE NO: 17

Document Path: G:\Projects\M-R\RGI1507\mapfiles\Alternate\FIG17_Parcel(Lower)_Pest_PCBs_USEPAsamples.mxd



Client Sample ID:	MW-8D			
Sampling Date:	11/18/2011		12/3/2012	
1,1,1-Trichloroethane	4,200		10,000	
1,1-Dichloroethane	3,400		4,200	
1,1-Dichloroethene	330		1,700	
1,2-Dichlorobenzene	440		500	
1,3-Dichlorobenzene	250	U	500	U
1,4-Dichlorobenzene	250	U	500	U
Acetone	2,400	U	21,000	
Benzene	95	J	590	
Chloroethane	390		420	J
Chloroform	160	J	1,200	
cis-1,2-Dichloroethene	49,000		140,000	D
Ethylbenzene	2,900		2,800	
Isopropylbenzene	140	J	160	J
Methylene chloride	2,000		33,000	
Styrene	90	J	500	U
Tetrachloroethene	340		1,200	
Toluene	30,000		49,000	
trans-1,2-Dichloroethene	55	J	500	U
Trichloroethene	4,100		10,000	
Vinyl chloride	4,100		4,800	
Xylenes, Total	12,600		12,500	

Client Sample ID:	GM-10					
Sampling Date:	7/27/2010		11/7/2011		11/27/2012	
1,1,1-Trichloroethane	11		6.2		5.7	
1,1-Dichloroethane	12		17		15	
1,1-Dichloroethene	0.64	J	0.62	J	1	U
1,2-Dichlorobenzene	1	U	1	U	1	U
1,3-Dichlorobenzene	1	U	1	U	1	U
1,4-Dichlorobenzene	1	U	1	U	1	U
Acetone	5	U	5	U	5	U
Benzene	1	U	1	U	1	U
Chloroethane	1	U	1	U	1	U
Chloroform	1	U	1	U	1	U
cis-1,2-Dichloroethene	11		13		11	
Ethylbenzene	1	U	1	U	1	U
Isopropylbenzene	1	U	1	U	1	U
Methylene chloride	1	U	1	U	1	U
Styrene	1	U	1	U	1	U
Tetrachloroethene	170		140		150	
Toluene	1	U	1	U	1	U
trans-1,2-Dichloroethene	1.5		1.9		1.7	
Trichloroethene	11		14		12	
Vinyl chloride	1	U	1	U	1	U
Xylenes, Total	2	U	2	U	2	U

Client Sample ID:	GM-11	
Sampling Date:	2/26/2014	
1,1,1-Trichloroethane	0.82	U
1,1-Dichloroethane	0.38	U
1,1-Dichloroethene	0.29	U
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3	U
Benzene	0.41	U
Chloroethane	0.32	U
Chloroform	0.34	U
cis-1,2-Dichloroethene	0.81	U
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	0.36	U
Toluene	0.51	U
trans-1,2-Dichloroethene	0.9	U
Trichloroethene	0.46	U
Vinyl chloride	0.9	U
Xylenes, Total	0.66	U

Client Sample ID:	LT-C-059 (GW)	
Sampling Date:	2/19/2014	
1,1,1-Trichloroethane	0.82	U
1,1-Dichloroethane	0.38	U
1,1-Dichloroethene	0.29	U
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3	UJ
Benzene	0.41	U
Chloroethane	0.32	U
Chloroform	0.34	U
cis-1,2-Dichloroethene	0.81	U
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	0.36	U
Toluene	0.51	U
trans-1,2-Dichloroethene	0.9	U
Trichloroethene	0.46	U
Vinyl chloride	0.9	U
Xylenes, Total	0.66	U

Notes:
Units are in parts per billion
D - Identifies compounds identified in an analysis at a secondary dilution factor.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.
UJ - The analyte was not detected above the reported sample quantification limit. Data are flagged (UJ) when a QC analysis falls outside the primary acceptance limites. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

NYSDEC Groundwater Quality Standards	
1,1,1-Trichloroethane	5
1,1-Dichloroethane	5
1,1-Dichloroethene	5
1,2-Dichlorobenzene	3
1,3-Dichlorobenzene	3
1,4-Dichlorobenzene	3
Acetone	50
Benzene	1
Chloroethane	5
Chloroform	7
cis-1,2-Dichloroethene	5
Ethylbenzene	5
Isopropylbenzene	5
Methylene chloride	5
Styrene	5
Tetrachloroethene	5
Toluene	5
trans-1,2-Dichloroethene	5
Trichloroethene	5
Vinyl chloride	2
Xylenes, Total	5

Client Sample ID:	LT-G-010 (GW)	
Sampling Date:	2/27/2014	
1,1,1-Trichloroethane	0.82	U
1,1-Dichloroethane	0.38	U
1,1-Dichloroethene	0.29	U
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3	U
Benzene	2.3	
Chloroethane	0.32	U
Chloroform	0.34	U
cis-1,2-Dichloroethene	0.86	J
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	0.36	U
Toluene	0.51	U
trans-1,2-Dichloroethene	0.9	U
Trichloroethene	0.46	U
Vinyl chloride	0.9	U
Xylenes, Total	0.66	U

Client Sample ID:	LT-C-058 (GW)	
Sampling Date:	2/19/2014	
1,1,1-Trichloroethane	0.82	U
1,1-Dichloroethane	0.38	U
1,1-Dichloroethene	0.29	U
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3	U
Benzene	0.41	U
Chloroethane	0.32	U
Chloroform	0.34	U
cis-1,2-Dichloroethene	0.81	U
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	0.36	U
Toluene	0.51	U
trans-1,2-Dichloroethene	0.9	U
Trichloroethene	0.46	U
Vinyl chloride	0.9	U
Xylenes, Total	0.66	U

Client Sample ID:	MW-8S					
Sampling Date:	7/28/2010		11/18/2011		11/27/2012	
1,1,1-Trichloroethane	1.1		0.73	J	1.5	
1,1-Dichloroethane	1.1		1.6		2.8	
1,1-Dichloroethene	0.41	J	1	U	1	U
1,2-Dichlorobenzene	1	U	1.4		4.7	
1,3-Dichlorobenzene	1	U	1	U	0.28	J
1,4-Dichlorobenzene	1	U	1	U	0.51	J
Acetone	5	U	5	U	4.6	J
Benzene	1	U	1	U	0.22	J
Chloroethane	1	U	1	U	0.46	J
Chloroform	1	U	1	U	1	U
cis-1,2-Dichloroethene	3.9		9.5		8.3	
Ethylbenzene	1	U	4		37	
Isopropylbenzene	1	U	0.55	J	1.4	
Methylene chloride	1	U	1	U	1	U
Styrene	1	U	1	U	1	U
Tetrachloroethene	9.1		34		13	
Toluene	1	U	1	U	1	U
trans-1,2-Dichloroethene	1	U	1	U	1	U
Trichloroethene	1.2		4.2		3.6	
Vinyl chloride	0.29	J	0.74	J	0.39	J
Xylenes, Total	2	U	0.42	J	2	U

Client Sample ID:	LT-C-039 (GW)	
Sampling Date:	2/18/2014	
1,1,1-Trichloroethane	0.82	U
1,1-Dichloroethane	0.38	U
1,1-Dichloroethene	0.29	U
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3	UJ
Benzene	0.41	U
Chloroethane	0.32	U
Chloroform	0.34	U
cis-1,2-Dichloroethene	0.81	U
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	0.36	U
Toluene	0.51	U
trans-1,2-Dichloroethene	0.9	U
Trichloroethene	0.46	U
Vinyl chloride	0.9	U
Xylenes, Total	0.66	U

Client Sample ID:	GW-SSBR-20	
Sampling Date:	10/23/2014	
1,1,1-Trichloroethane	ND	
1,1-Dichloroethane	ND	
1,1-Dichloroethene	ND	
1,2-Dichlorobenzene	ND	
1,3-Dichlorobenzene	ND	
1,4-Dichlorobenzene	ND	
Acetone	ND	
Benzene	ND	
Chloroethane	ND	
Chloroform	ND	
cis-1,2-Dichloroethene	41	
Ethylbenzene	ND	
Isopropylbenzene	ND	
Methylene chloride	ND	
Styrene	ND	
Tetrachloroethene	6	J
Toluene	ND	
trans-1,2-Dichloroethene	ND	
Trichloroethene	4	J
Vinyl chloride	5	J
Xylenes, Total	2	J

Client Sample ID:	LT-R-001 (GW)	
Sampling Date:	1/31/2014	
1,1,1-Trichloroethane	0.82	UJ
1,1-Dichloroethane	0.47	J
1,1-Dichloroethene	10	
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3.0	U
Benzene	0.46	J
Chloroethane	0.32	U
Chloroform	0.34	U
cis-1,2-Dichloroethene	5,100	
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	0.36	U
Toluene	0.51	U
trans-1,2-Dichloroethene	19	
Trichloroethene	3.8	
Vinyl chloride	16	
Xylenes, Total	0.66	U

Exceeds Class GA GQS/GV

Client Sample ID:	LT-XC-017 (GW)	
Sampling Date:	2/10/2014	
1,1,1-Trichloroethane	0.82	U
1,1-Dichloroethane	0.38	U
1,1-Dichloroethene	0.29	U
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3.0	U
Benzene	0.41	U
Chloroethane	0.32	U
Chloroform	0.34	U
cis-1,2-Dichloroethene	25	
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	0.36	U
Toluene	0.51	U
trans-1,2-Dichloroethene	0.90	U
Trichloroethene	0.46	U
Vinyl chloride	0.90	U
Xylenes, Total	0.66	U

Client Sample ID:	LT-XC-018 (GW)	
Sampling Date:	2/10/2014	
1,1,1-Trichloroethane	4.1	U
1,1-Dichloroethane	1.9	U
1,1-Dichloroethene	1.5	U
1,2-Dichlorobenzene	4.0	U
1,3-Dichlorobenzene	3.9	U
1,4-Dichlorobenzene	4.2	U
Acetone	81	
Benzene	2.1	U
Chloroethane	1.6	U
Chloroform	1.7	U
cis-1,2-Dichloroethene	4.1	U
Ethylbenzene	3.7	U
Isopropylbenzene	4.0	U
Methylene chloride	2.2	U
Styrene	3.7	U
Tetrachloroethene	1.8	U
Toluene	2.6	U
trans-1,2-Dichloroethene	4.5	U
Trichloroethene	2.3	U
Vinyl chloride	4.5	U
Xylenes, Total	3.3	U

Client Sample ID:	LT-C-054 (GW)	
Sampling Date:	2/26/2014	
1,1,1-Trichloroethane	0.82	U
1,1-Dichloroethane	0.38	U
1,1-Dichloroethene	3	
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3	U
Benzene	0.78	J
Chloroethane	0.32	U
Chloroform	0.34	U
cis-1,2-Dichloroethene	700	
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	0.36	U
Toluene	0.51	U
trans-1,2-Dichloroethene	21	
Trichloroethene	3	
Vinyl chloride	11	
Xylenes, Total	1.2	J

Client Sample ID:	MW-10													
Sampling Date:	11/19/2003		11/9/2007		12/9/2008		11/17/2009		8/5/2010		11/21/2011		11/29/2012	
1,1,1-Trichloroethane	7,000		-		-		-		470		26		41	J
1,1-Dichloroethane	5,000	U	-		-		-		110		46		83	
1,1-Dichloroethene	5,000	U	-		-		-		50	U	25	U	50	U
1,2-Dichlorobenzene	5,000	U	796		1,800		600		31	J	260		760	
1,3-Dichlorobenzene	5,000	U	-		-		-		50	U	6	J	18	J
1,4-Dichlorobenzene	5,000	U	-		-		-		50	U	19	J	56	
Acetone	25,000	U	-		-		-		250	U	130	U	160	J
Benzene	5,000	U	-		-		-		58		5.5	J	26	J
Chloroethane	5,000	U	-		-		-		50	U	25	U	50	U
Chloroform	5,000	U	-		-		-		17	J	7	J	50	U
cis-1,2-Dichloroethene	20,000		-		-		-		9,700		110		280	
Ethylbenzene	2,400	J	5,600		4,500		2,500		68		780		3,600	
Isopropylbenzene	5,000	U	-		-		-		50	U	19	J	61	
Methylene chloride	10,000	U	5	U	280	U	100	U	16	J	25	U	50	U
Styrene	5,000	U	-		-		-		50	U	25	U	50	U
Tetrachloroethene	3,000	J	2,540		680		100	U	30	J	5.5	J	50	U
Toluene	100,000		-		-		-		1,600		4,700		15,000	D
trans-1,2-Dichloroethene	5,000	U	-		-		-		50	U	25	U	50	U
Trichloroethene	26,000		206		150	J	100	U	1,400		13	J	50	U
Vinyl chloride	5,000	U	-		250	U	60	J	50	U	21	J	87	
Xylenes, Total	13,000		28,700		26,800		11,300		341		3,440		15,400	

Client Sample ID:	LT-R-003 (GW)	
Sampling Date:	1/31/2014	
1,1,1-Trichloroethane	0.82	UJ
1,1-Dichloroethane	0.77	J
1,1-Dichloroethene	0.29	U
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3.0	U
Benzene	0.41	U
Chloroethane	0.32	U
Chloroform	4.0	
cis-1,2-Dichloroethene	41	
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	0.44	U
Styrene	0.73	U
Tetrachloroethene	27	
Toluene	0.51	U
trans-1,2-Dichloroethene	1.8	
Trichloroethene	15	
Vinyl chloride	7.3	
Xylenes, Total	0.66	U

Client Sample ID:	GW-SSBR-18	
Sampling Date:	10/23/2014	
1,1,1-Trichloroethane	ND	
1,1-Dichloroethane	ND	
1,1-Dichloroethene	ND	
1,2-Dichlorobenzene	ND	
1,3-Dichlorobenzene	ND	
1,4-Dichlorobenzene	ND	
Acetone	ND	
Benzene	ND	
Chloroethane	ND	
Chloroform	9	J
cis-1,2-Dichloroethene	39	
Ethylbenzene	ND	
Isopropylbenzene	ND	
Methylene chloride	1	J
Styrene	ND	
Tetrachloroethene	47	
Toluene	ND	
trans-1,2-Dichloroethene	4	J
Trichloroethene	22	
Vinyl chloride	6	J
Xylenes, Total	3	J

Client Sample ID:	GW-SSBR-15	
Sampling Date:	10/23/2014	
1,1,1-Trichloroethane	ND	
1,1-Dichloroethane	7	J
1,1-Dichloroethene	2	J
1,2-Dichlorobenzene	ND	
1,3-Dichlorobenzene	ND	
1,4-Dichlorobenzene	ND	
Acetone	6	JZ
Benzene	ND	
Chloroethane	ND	
Chloroform	1	J
cis-1,2-Dichloroethene	78	
Ethylbenzene	ND	
Isopropylbenzene	ND	
Methylene chloride	ND	
Styrene	ND	
Tetrachloroethene	2	J
Toluene	ND	
trans-1,2-Dichloroethene	ND	
Trichloroethene	35	
Vinyl chloride	15	
Xylenes, Total	2	J

Client Sample ID:	LT-R-002 (GW)	
Sampling Date:	1/31/2014	
1,1,1-Trichloroethane	0.82	UJ
1,1-Dichloroethane	1.0	
1,1-Dichloroethene	0.43	J
1,2-Dichlorobenzene	0.79	U
1,3-Dichlorobenzene	0.78	U
1,4-Dichlorobenzene	0.84	U
Acetone	3.0	U
Benzene	0.41	U
Chloroethane	0.32	U
Chloroform	3.2	
cis-1,2-Dichloroethene	65	
Ethylbenzene	0.74	U
Isopropylbenzene	0.79	U
Methylene chloride	1.0	U
Styrene	0.73	U
Tetrachloroethene	38	
Toluene	0.51	U
trans-1,2-Dichloroethene	3.7	
Trichloroethene	25	
Vinyl chloride	5.9	
Xylenes, Total	0.66	U

Client Sample ID:	LT-GI-004 (GW)	
Sampling Date:	2/10/2014	
1,1,1-Trichloroethane	4.1	U
1,1-Dichloroethane	1.9	U
1,1-Dichloroethene	1.5	U
1,2-Dichlorobenzene	4.0	U
1,3-Dichlorobenzene	3.9	U
1,4-Dichlorobenzene	4.2	U
Acetone	15	U
Benzene	2.1	U
Chloroethane	1.6	U
Chloroform	1.7	U
cis-1,2-Dichloroethene	4.1	U
Ethylbenzene	3.7	U
Isopropylbenzene	4.0	U
Methylene chloride	2.2	U
Styrene	3.7	U
Tetrachloroethene	1.8	U
Toluene	2.6	U
trans-1,2-Dichloroethene	4.5	U
Trichloroethene	2.3	U
Vinyl chloride	4.5	U
Xylenes, Total	3.3	U

Client Sample ID:	LT-C-055 (GW)	
Sampling Date:	2/10/2014	
1,1,1-Trichloroethane	4.1	U
1,1-Dichloroethane	1.9	U
1,1-Dichloroethene	1.5	U
1,2-Dichlorobenzene	4.0	U
1,3-Dichlorobenzene	3.9	U
1,4-Dichlorobenzene	4.2	U
Acetone	15	U
Benzene	2.1	U
Chloroethane	1.6	U
Chloroform	1.7	U
cis-1,2-Dichloroethene	4.1	U
Ethylbenzene	3.7	U
Isopropylbenzene	4.0	U
Methylene chloride	2.2	U
Styrene	3.7	U
Tetrachloroethene	1.8	U
Toluene	2.6	U
trans-1,2-Dichloroethene	4.5	U
Trichloroethene	2.3	U
Vinyl chloride	4.5	U
Xylenes, Total	3.3	U

Doxey Excavation
Proposed Marinas
Proposed Building
Property Line
Petroleum Excavation
Proposed Bulkhead Excavation
Curbline

Post Remedial Sample Location Descriptions

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 10/24/2014

- Confirmation Sampling Location
- Utility & Confirmation Boring Location
- GeoTech Boring & Confirmation Test Pit Location
- Utility Boring Location
- Garvies Point Road Boring Location
- GW Monitoring Well Sampling location

TRC Companies, Inc., Supplemental Remedial Investigation Report; Feb 2014

- Monitoring Well

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LI TUNGSTEN GROUNDWATER VOCs

GLEN ISLE

Feet
0 40 80 120 160

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Date:	3/2/2016	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	DE

FIGURE NO: 18

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N

Client Sample ID:	GM-11	
Sampling Date:	2/26/2014	
2-Methylnaphthalene	0.4	U
4-Methylphenol	0.36	U
Benzo(a)anthracene	0.36	U
Benzo(a)pyrene	0.47	UJ
Benzo(b)fluoranthene	0.34	UJ
Benzo(k)fluoranthene	0.73	UJ
Bis(2-Ethylhexyl)phthalate	1.8	U
Chrysene	0.33	U
Di-n-butylphthalate	5.0	U
Isophorone	0.43	U
Naphthalene	0.76	U
Phenol	0.39	U

Client Sample ID:	LT-C-059 (GW)	
Sampling Date:	2/19/2014	
2-Methylnaphthalene	0.41	U
4-Methylphenol	0.37	U
Benzo(a)anthracene	0.37	U
Benzo(a)pyrene	0.49	U
Benzo(b)fluoranthene	0.35	U
Benzo(k)fluoranthene	0.75	U
Bis(2-Ethylhexyl)phthalate	120	J
Chrysene	0.34	U
Di-n-butylphthalate	0.32	U
Isophorone	0.44	U
Naphthalene	0.79	U
Phenol	0.4	U

Client Sample ID:	LT-C-058 (GW)	
Sampling Date:	2/19/2014	
2-Methylnaphthalene	0.41	U
4-Methylphenol	0.37	U
Benzo(a)anthracene	0.37	U
Benzo(a)pyrene	0.48	U
Benzo(b)fluoranthene	0.35	U
Benzo(k)fluoranthene	0.74	U
Bis(2-Ethylhexyl)phthalate	1.8	U
Chrysene	0.34	U
Di-n-butylphthalate	0.32	U
Isophorone	0.44	U
Naphthalene	0.78	U
Phenol	0.4	U

Client Sample ID:	LT-G-010 (GW)	
Sampling Date:	2/27/2014	
2-Methylnaphthalene	0.39	U
4-Methylphenol	0.35	U
Benzo(a)anthracene	0.35	U
Benzo(a)pyrene	0.66	J
Benzo(b)fluoranthene	1.1	J
Benzo(k)fluoranthene	0.71	UJ
Bis(2-Ethylhexyl)phthalate	16	B
Chrysene	0.32	U
Di-n-butylphthalate	4.9	U
Isophorone	0.42	U
Naphthalene	0.74	U
Phenol	0.38	U

Notes:

Units are in parts per billion

B - Compound was found in the blank and sample.

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U/ND - Indicates the analyte was analyzed for but not detected.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

NYSDEC Groundwater Quality Standards	
2-Methylnaphthalene	4.2
4-Methylphenol	1
Benzo(a)anthracene	0.002
Benzo(a)pyrene	ND
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Bis(2-Ethylhexyl)phthalate	5
Chrysene	0.002
Napthalene	10
Phenol	1
Di-n-butylphthalate	50
Isophorone	50

Client Sample ID:	LT-R-001 (GW)	
Sampling Date:	1/31/2014	
2-Methylnaphthalene	0.37	U
4-Methylphenol	0.34	U
Benzo(a)anthracene	0.34	U
Benzo(a)pyrene	0.44	UJ
Benzo(b)fluoranthene	0.32	UJ
Benzo(k)fluoranthene	0.68	UJ
Bis(2-Ethylhexyl)phthalate	2.5	J
Chrysene	0.31	U
Di-n-butylphthalate	0.29	U
Isophorone	0.40	U
Naphthalene	0.71	U
Phenol	0.36	U

Client Sample ID:	GW-SSBR-18	
Sampling Date:	10/23/2014	
2-Methylnaphthalene	ND	
4-Methylphenol	ND	
Benzo(a)anthracene	ND	
Benzo(a)pyrene	ND	
Benzo(b)fluoranthene	ND	
Benzo(k)fluoranthene	ND	
Bis(2-Ethylhexyl)phthalate	3	J
Chrysene	ND	
Di-n-butylphthalate	ND	
Isophorone	ND	
Naphthalene	ND	
Phenol	ND	

Client Sample ID:	GW-SSBR-20	
Sampling Date:	10/23/2014	
2-Methylnaphthalene	ND	
4-Methylphenol	ND	
Benzo(a)anthracene	ND	
Benzo(a)pyrene	ND	
Benzo(b)fluoranthene	ND	
Benzo(k)fluoranthene	ND	
Bis(2-Ethylhexyl)phthalate	3	J
Chrysene	ND	
Di-n-butylphthalate	ND	
Isophorone	ND	
Naphthalene	ND	
Phenol	ND	

Client Sample ID:	MW-08D	
Sampling Date:	12/3/2012	
2-Methylnaphthalene	22	J
4-Methylphenol	28	J
Benzo(a)anthracene	47	U
Benzo(a)pyrene	47	U
Benzo(b)fluoranthene	47	U
Benzo(k)fluoranthene	47	U
Bis(2-Ethylhexyl)phthalate	47	U
Chrysene	47	U
Di-n-butylphthalate	260	
Isophorone	120	
Naphthalene	640	
Phenol	47	U

Client Sample ID:	MW-08S	
Sampling Date:	11/27/2012	
2-Methylnaphthalene	9.4	U
4-Methylphenol	9.4	U
Benzo(a)anthracene	9.4	U
Benzo(a)pyrene	9.4	U
Benzo(b)fluoranthene	9.4	U
Benzo(k)fluoranthene	9.4	U
Bis(2-Ethylhexyl)phthalate	9.4	U
Chrysene	9.4	U
Di-n-butylphthalate	9.4	U
Isophorone	9.4	U
Naphthalene	9.4	U
Phenol	9.4	U

Client Sample ID:	LT-XC-017 (GW)	
Sampling Date:	2/10/2014	
2-Methylnaphthalene	0.50	U
4-Methylphenol	0.45	U
Benzo(a)anthracene	0.94	J
Benzo(a)pyrene	1.1	J
Benzo(b)fluoranthene	1.3	J
Benzo(k)fluoranthene	0.91	U
Bis(2-Ethylhexyl)phthalate	2.9	J
Chrysene	1.0	J
Di-n-butylphthalate	6.2	U
Isophorone	0.54	U
Naphthalene	0.95	U
Phenol	0.49	U

Client Sample ID:	LT-XC-018 (GW)	
Sampling Date:	2/10/2014	
2-Methylnaphthalene	0.42	U
4-Methylphenol	0.66	J
Benzo(a)anthracene	1.5	J
Benzo(a)pyrene	1.5	J
Benzo(b)fluoranthene	2.0	J
Benzo(k)fluoranthene	1.2	J
Bis(2-Ethylhexyl)phthalate	3.3	J
Chrysene	1.6	J
Di-n-butylphthalate	0.32	U
Isophorone	0.45	U
Naphthalene	0.79	U
Phenol	8.6	

Exceeds Class GA GQS/GV

Client Sample ID:	LT-C-054 (GW)	
Sampling Date:	2/26/2014	
2-Methylnaphthalene	0.42	U
4-Methylphenol	0.38	U
Benzo(a)anthracene	0.38	U
Benzo(a)pyrene	0.49	UJ
Benzo(b)fluoranthene	0.36	UJ
Benzo(k)fluoranthene	0.76	UJ
Bis(2-Ethylhexyl)phthalate	1.9	U
Chrysene	0.34	U
Di-n-butylphthalate	5.2	U
Isophorone	0.45	U
Naphthalene	5.2	U
Phenol	0.41	U

Client Sample ID:	LT-C-055 (GW)	
Sampling Date:	2/10/2014	
2-Methylnaphthalene	0.42	U
4-Methylphenol	1.3	J
Benzo(a)anthracene	0.39	J
Benzo(a)pyrene	0.49	U
Benzo(b)fluoranthene	0.51	J
Benzo(k)fluoranthene	0.76	U
Bis(2-Ethylhexyl)phthalate	2.9	J
Chrysene	0.60	J
Di-n-butylphthalate	5.2	U
Isophorone	0.45	U
Naphthalene	0.79	U
Phenol	0.40	U

Client Sample ID:	MW-10	
Sampling Date:	11/29/2012	
2-Methylnaphthalene	18	J
4-Methylphenol	43	J
Benzo(a)anthracene	66	U
Benzo(a)pyrene	66	U
Benzo(b)fluoranthene	66	U
Benzo(k)fluoranthene	66	U
Bis(2-Ethylhexyl)phthalate	53	J
Chrysene	66	U
Di-n-butylphthalate	78	
Isophorone	66	U
Naphthalene	920	
Phenol	25	J

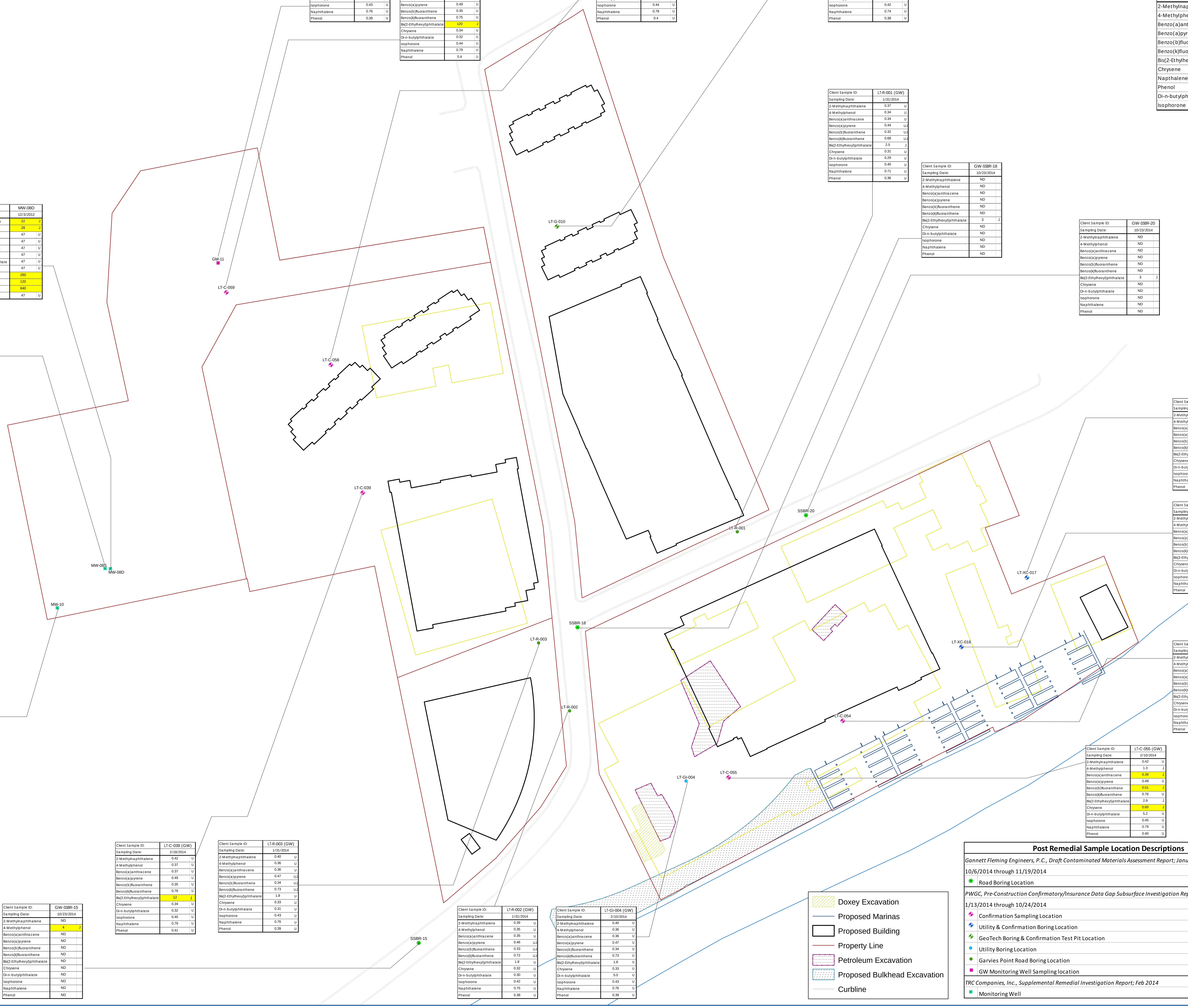
Client Sample ID:	LT-C-039 (GW)	
Sampling Date:	2/18/2014	
2-Methylnaphthalene	0.42	U
4-Methylphenol	0.37	U
Benzo(a)anthracene	0.37	U
Benzo(a)pyrene	0.49	U
Benzo(b)fluoranthene	0.35	U
Benzo(k)fluoranthene	0.76	U
Bis(2-Ethylhexyl)phthalate	12	J
Chrysene	0.34	U
Di-n-butylphthalate	0.32	U
Isophorone	0.45	U
Naphthalene	0.79	U
Phenol	0.41	U

Client Sample ID:	LT-R-003 (GW)	
Sampling Date:	1/31/2014	
2-Methylnaphthalene	0.40	U
4-Methylphenol	0.36	U
Benzo(a)anthracene	0.36	U
Benzo(a)pyrene	0.47	UJ
Benzo(b)fluoranthene	0.34	UJ
Benzo(k)fluoranthene	0.73	UJ
Bis(2-Ethylhexyl)phthalate	1.8	U
Chrysene	0.33	U
Di-n-butylphthalate	0.31	U
Isophorone	0.43	U
Naphthalene	0.76	U
Phenol	0.39	U

Client Sample ID:	GW-SSBR-15	
Sampling Date:	10/23/2014	
2-Methylnaphthalene	ND	
4-Methylphenol	4	J
Benzo(a)anthracene	ND	
Benzo(a)pyrene	ND	
Benzo(b)fluoranthene	ND	
Benzo(k)fluoranthene	ND	
Bis(2-Ethylhexyl)phthalate	ND	
Chrysene	ND	
Di-n-butylphthalate	ND	
Isophorone	ND	
Naphthalene	ND	
Phenol	ND	

Client Sample ID:	LT-R-002 (GW)	
Sampling Date:	1/31/2014	
2-Methylnaphthalene	0.39	U
4-Methylphenol	0.35	U
Benzo(a)anthracene	0.35	U
Benzo(a)pyrene	0.46	UJ
Benzo(b)fluoranthene	0.33	UJ
Benzo(k)fluoranthene	0.72	UJ
Bis(2-Ethylhexyl)phthalate	1.8	U
Chrysene	0.32	U
Di-n-butylphthalate	0.30	U
Isophorone	0.42	U
Naphthalene	0.75	U
Phenol	0.38	U

Client Sample ID:	LT-GI-004 (GW)	
Sampling Date:	2/10/2014	
2-Methylnaphthalene	0.40	U
4-Methylphenol	0.36	U
Benzo(a)anthracene	0.36	U
Benzo(a)pyrene	0.47	U
Benzo(b)fluoranthene	0.34	U
Benzo(k)fluoranthene	0.73	U
Bis(2-Ethylhexyl)phthalate	1.8	U
Chrysene	0.33	U
Di-n-butylphthalate	5.0	U
Isophorone	0.43	U
Naphthalene	0.76	U
Phenol	0.39	U



Doxey Excavation
Proposed Marinas
Proposed Building
Property Line
Petroleum Excavation
Proposed Bulkhead Excavation
Curbline

Post Remedial Sample Location Descriptions

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 10/24/2014

Confirmation Sampling Location
Utility & Confirmation Boring Location
GeoTech Boring & Confirmation Test Pit Location
Utility Boring Location
Garvies Point Road Boring Location
GW Monitoring Well Sampling location

TRC Companies, Inc., Supplemental Remedial Investigation Report; Feb 2014

Monitoring Well

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LI TUNGSTEN GROUNDWATER SVOCs

GLEN ISLE

0 40 80 120 160 Feet

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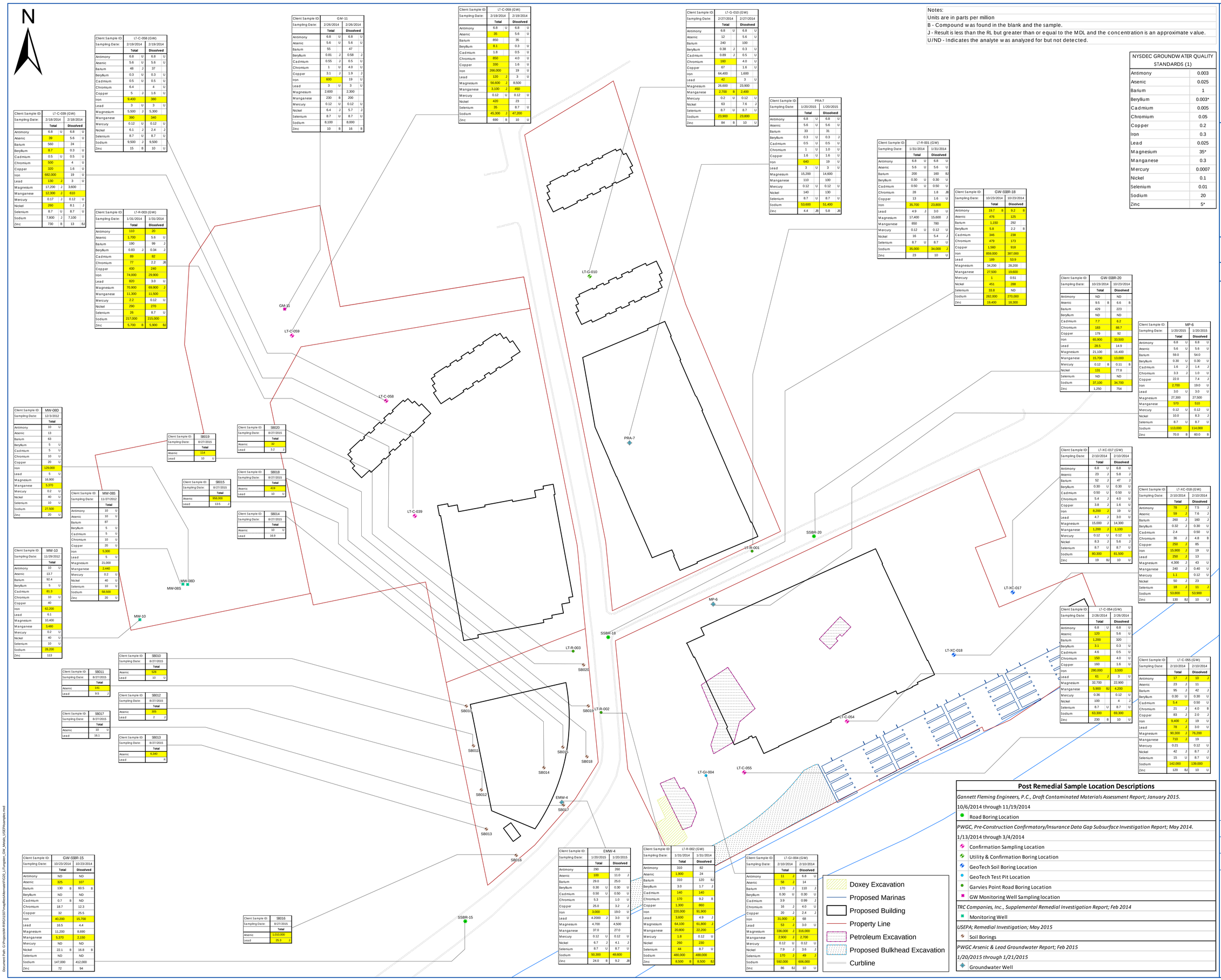
FIGURE NO: 19

Notes:
Units are in parts per million
B - Compound was found in the blank and the sample.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U/ND - Indicates the analyte was analyzed for but not detected.



Client Sample ID:	LT-C-009 (GW)			
Sampling Date:	2/18/2014		2/18/2014	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	39		5.6	U
Barium	560		24	
Beryllium	8.7		0.3	U
Cadmium	0.5	U	0.5	U
Chromium	500		4	U
Copper	320		1.6	U
Iron	682,000		19	U
Lead	130	J	3	U
Magnesium	17,200	J	3,600	
Manganese	12,300	J	610	
Mercury	0.17	J	0.12	U
Nickel	260		8.1	J
Selenium	8.7	U	8.7	U
Sodium	7,800	J	7,100	
Zinc	730	B	13	BJ

Client Sample ID:	LT-C-058 (GW)			
Sampling Date:	2/19/2014		2/19/2014	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	5.6	U	5.6	U
Barium	48	J	37	
Beryllium	0.3	U	0.3	U
Cadmium	0.5	U	0.5	U
Chromium	6.4		4	U
Copper	5	J	1.6	U
Iron	9,400		380	
Lead	3	U	3	U
Magnesium	5,500	J	5,300	
Manganese	390		340	
Mercury	0.12	U	0.12	U
Nickel	6.1	J	2.4	J
Selenium	8.7	U	8.7	U
Sodium	9,500	J	9,500	
Zinc	15	B	10	U

Client Sample ID:	LT-R-003 (GW)			
Sampling Date:	1/31/2014		1/31/2014	
	Total		Dissolved	
Antimony	110		20	
Arsenic	1,700		5.6	U
Barium	190		99	J
Beryllium	0.83	J	0.34	J
Cadmium	89		82	
Chromium	77		2.2	JB
Copper	430		240	
Iron	74,000		29,900	
Lead	820		3.0	U
Magnesium	70,900		69,900	J
Manganese	11,300		11,500	
Mercury	2.2		0.12	U
Nickel	290		270	
Selenium	26		8.7	U
Sodium	217,000		215,000	
Zinc	5,700	B	5,900	BJ

Client Sample ID:	GM-11			
Sampling Date:	2/26/2014		2/26/2014	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	5.6	U	5.6	U
Barium	55		47	
Beryllium	0.81	J	0.58	J
Cadmium	0.55	J	0.5	U
Chromium	1	U	4.0	U
Copper	3.1	J	1.9	J
Iron	600		19	U
Lead	3	U	3	U
Magnesium	2,600		2,300	
Manganese	230	B	200	
Mercury	0.12	U	0.12	U
Nickel	6.4	J	5.7	J
Selenium	8.7	U	8.7	U
Sodium	8,100		8,000	
Zinc	10	B	16	B

Client Sample ID:	LT-C-059 (GW)			
Sampling Date:	2/19/2014		2/19/2014	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	35		5.6	U
Barium	850		35	
Beryllium	8.1		0.3	U
Cadmium	1.8		0.5	U
Chromium	850		4.0	U
Copper	330		1.6	U
Iron	266,000		19	U
Lead	120	J	3	U
Magnesium	56,600	J	8,500	
Manganese	3,100	J	450	
Mercury	0.12	U	0.12	U
Nickel	420		23	
Selenium	35		8.7	U
Sodium	45,300	J	47,200	
Zinc	690	B	10	U

Client Sample ID:	LT-G-010 (GW)			
Sampling Date:	2/27/2014		2/27/2014	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	12		5.6	U
Barium	240		100	
Beryllium	0.38	J	0.3	U
Cadmium	0.89	J	0.5	U
Chromium	160		4.0	U
Copper	67		1.6	U
Iron	64,400		1,600	
Lead	42		3	U
Magnesium	26,600		23,900	
Manganese	2,700	B	2,400	
Mercury	0.2	U	0.12	U
Nickel	63		7.6	J
Selenium	8.7	U	8.7	U
Sodium	23,900		23,800	
Zinc	84	B	10	U

Client Sample ID:	PRA-7			
Sampling Date:	1/20/2015		1/20/2015	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	5.6	U	5.6	U
Barium	33		31	
Beryllium	0.3	U	0.3	J
Cadmium	0.5	U	0.5	U
Chromium	1	U	1.0	U
Copper	1.6	U	1.6	U
Iron	640		19	U
Lead	3	U	3	U
Magnesium	15,200		14,600	
Manganese	110		100	
Mercury	0.12	U	0.12	U
Nickel	140		130	
Selenium	8.7	U	8.7	U
Sodium	53,600		51,400	
Zinc	4.4	JB	5.8	JB

Client Sample ID:	LT-R-001 (GW)			
Sampling Date:	1/31/2014		1/31/2014	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	5.6	U	5.6	U
Barium	200		160	BJ
Beryllium	0.30	U	0.30	U
Cadmium	0.50	U	0.50	U
Chromium	28		1.8	JB
Copper	13		1.6	U
Iron	35,700		23,800	
Lead	4.9	J	3.0	U
Magnesium	17,400		15,600	J
Manganese	850		780	
Mercury	0.12	U	0.12	U
Nickel	16		5.4	J
Selenium	8.7	U	8.7	U
Sodium	35,000		34,000	J
Zinc	23		10	U

Client Sample ID:	GW-SSBR-18			
Sampling Date:	10/23/2014		10/23/2014	
	Total		Dissolved	
Antimony	19.7	B	9.2	B
Arsenic	476		125	
Barium	1,150		292	
Beryllium	5.8		2.2	B
Cadmium	346		238	
Chromium	479		173	
Copper	1,560		918	
Iron	659,000		387,000	
Lead	189		53.9	
Magnesium	34,200		28,200	
Manganese	27,500		19,600	
Mercury	1		0.51	
Nickel	451		288	
Selenium	33.8		ND	
Sodium	282,000		270,000	
Zinc	19,400		18,300	

Client Sample ID:	GW-SSBR-20			
Sampling Date:	10/23/2014		10/23/2014	
	Total		Dissolved	
Antimony	ND		ND	
Arsenic	9.5	B	6.6	B
Barium	429		223	
Beryllium	ND		ND	
Cadmium	7.7		6.2	
Chromium	183		88.7	
Copper	179		92	
Iron	65,900		33,500	
Lead	28.5		14.9	
Magnesium	21,100		16,400	
Manganese	15,700		13,000	
Mercury	0.12	B	0.11	B
Nickel	131		77.8	
Selenium	ND		ND	
Sodium	37,100		34,700	
Zinc	1,250		754	

Client Sample ID:	MP-6			
Sampling Date:	1/20/2015		1/20/2015	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	5.6	U	5.6	U
Barium	59.0		54.0	
Beryllium	0.30	U	0.30	U
Cadmium	1.6	J	1.4	J
Chromium	3.3	J	1.0	U
Copper	22.0		7.4	J
Iron	2,700		19.0	U
Lead	3.0	U	3.0	U
Magnesium	27,300		27,500	
Manganese	570		510	
Mercury	0.12	U	0.12	U
Nickel	10.0		8.3	J
Selenium	8.7	U	8.7	U
Sodium	113,000		114,000	
Zinc	70.0	B	60.0	B

Client Sample ID:	LT-XC-017 (GW)			
Sampling Date:	2/10/2014		2/10/2014	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	23	J	5.8	J
Barium	52	J	47	J
Beryllium	0.30	U	0.30	U
Cadmium	0.50	U	0.50	U
Chromium	5.4	J	4.0	U
Copper	3.8	J	1.6	U
Iron	8,200	J	19	U
Lead	4.7	J	3.0	U
Magnesium	15,000	J	14,300	
Manganese	1,200	J	1,100	
Mercury	0.12	U	0.12	U
Nickel	8.3	J	5.6	J
Selenium	8.7	U	8.7	U
Sodium	80,300		81,500	
Zinc	19	BJ	10	U

Client Sample ID:	LT-XC-018 (GW)			
Sampling Date:	2/10/2014		2/10/2014	
	Total		Dissolved	
Antimony	78	J	7.5	J
Arsenic	59	J	7.6	J
Barium	260	J	160	J
Beryllium	0.32	J	0.30	U
Cadmium	2.4		0.50	U
Chromium	36	J	4.8	B
Copper	250	J	85	
Iron	15,900	J	19	U
Lead	250	J	13	
Magnesium	4,300	J	43	U
Manganese	240	J	0.40	U
Mercury	1.1		0.12	U
Nickel	50	J	23	
Selenium	18	J	11	J
Sodium	53,800		53,900	
Zinc	130	BJ	10	U

Client Sample ID:	LT-C-054 (GW)			
Sampling Date:	2/26/2014		2/26/2014	
	Total		Dissolved	
Antimony	6.8	U	6.8	U
Arsenic	120		5.6	U
Barium	1,200		320	
Beryllium	3.1		0.3	U
Cadmium	4.6		0.5	U
Chromium	150		4.0	U
Copper	160		1.6	U
Iron	280,000		3,500	
Lead	61	J	3	U
Magnesium	32,700		22,900	
Manganese	5,900	BJ	4,200	
Mercury	0.36		0.12	U
Nickel	100		4	J
Selenium	8.7	U	8.7	U
Sodium	63,300		69,300	
Zinc	230	B	10	U

Client Sample ID:	LT-C-055 (GW)			
Sampling Date:	2/10/2014		2/10/2014	
	Total		Dissolved	
Antimony	17	J	10	J
Arsenic	23	J	11	
Barium	95	J	42	J
Beryllium	0.30	U	0.30	U
Cadmium	5.4		0.50	U
Chromium	21	J	4.0	B
Copper	83	J	2.0	J
Iron	9,400	J	19	U
Lead	78	J	3.0	U
Magnesium	90,300	J	76,200	
Manganese	710	J	19	
Mercury	0.21		0.12	U
Nickel	42	J	8.7	J
Selenium	15	U	8.7	U
Sodium	142,000		139,000	
Zinc	120	BJ	10	U

Client Sample ID:	MW-08D	
Sampling Date:	12/3/2012	
	Total	
Antimony	10	U
Arsenic	13	
Barium	63	
Beryllium	5	U
Cadmium	5	U
Chromium	10	U
Copper	20	U
Iron	129,000	
Lead	5	U
Magnesium	16,900	
Manganese	5,370	
Mercury	0.2	U
Nickel	40	U
Selenium	10	U
Sodium	27,500	
Zinc	20	U

Client Sample ID:	MW-08S	
Sampling Date:	11/27/2012	
	Total	
Antimony	10	U
Arsenic	10	U
Barium	87	
Beryllium	5	U
Cadmium	5	U
Chromium	10	U
Copper	20	U
Iron	5,300	
Lead	5	U
Magnesium	21,000	
Manganese	2,440	
Mercury	0.2	U
Nickel	40	U
Selenium	10	U
Sodium	58,500	
Zinc	20	U

Client Sample ID:	MW-10	
Sampling Date:	11/29/2012	
	Total	
Antimony	10	U
Arsenic	13.7	
Barium	92.4	
Beryllium	5	U
Cadmium	81.3	
Chromium	10	U
Copper	40	
Iron	62,200	
Lead	6.1	
Magnesium	10,400	
Manganese	3,480	
Mercury	0.2	U
Nickel	40	U
Selenium	10	U
Sodium	28,200	
Zinc	113	

Client Sample ID:	SB019	
Sampling Date:	8/27/2015	
	Total	
Arsenic	114	
Lead	10	U

Client Sample ID:	SB020	
Sampling Date:	8/27/2015	
	Total	
Arsenic	32	
Lead	3.2	J

Client Sample ID:	SB015	
Sampling Date:	8/27/2015	
	Total	
Arsenic	958,000	
Lead	13.5	J

Client Sample ID:	SB018	
Sampling Date:	8/27/2015	
	Total	
Arsenic	419	
Lead	10	U

Client Sample ID:	SB014	
Sampling Date:	8/27/2015	
	Total	
Arsenic	10	U
Lead	16.9	

Client Sample ID:	SB010	
Sampling Date:	8/27/2015	
	Total	
Arsenic	528	
Lead	10	U

Client Sample ID:	SB011	
Sampling Date:	8/27/2015	
	Total	
Arsenic	141	
Lead	9.5	J

Client Sample ID:	SB012	
Sampling Date:	8/27/2015	
	Total	
Arsenic	305	
Lead	2	J

Client Sample ID:	SB017	
Sampling Date:	8/27/2015	
	Total	
Arsenic	10	U
Lead	16.1	

Client Sample ID:	SB013	
Sampling Date:	8/27/2015	
	Total	
Arsenic	5,340	
Lead	8	

Client Sample ID:	GW-SSBR-15			
Sampling Date:	10/23/2014		10/23/2014	
	Total		Dissolved	
Antimony	ND		ND	
Arsenic	325		107	
Barium	130	B	60.5	B
Beryllium	ND		ND	
Cadmium	0.7	B	ND	
Chromium	18.7		12.3	
Copper	32		25.5	
Iron	40,200		15,700	
Lead	16.5		4.4	
Magnesium	11,200		8,690	
Manganese	5,370		2,150	
Mercury	ND		ND	
Nickel	22.1	B	16.8	B
Selenium	ND		ND	
Sodium	147,000		412,000	
Zinc	72		94	

Client Sample ID:	SB016	
Sampling Date:	8/27/2015	
	Total	
Arsenic	1,010,000	
Lead	25.3	J

Client Sample ID:	EMW-4			
Sampling Date:	1/20/2015		1/20/2015	
	Total		Dissolved	
Antimony	290		260	
Arsenic	100		11.0	J
Barium	29.0		25.0	
Beryllium	0.30	U	0.30	U
Cadmium	0.50	U	0.50	U
Chromium	5.3		1.0	U
Copper	25.0		3.2	J
Iron	3,000		19.0	U
Lead	4.2000	J	3.0	U
Magnesium	4,700		4,500	
Manganese	37.0		27.0	
Mercury	0.12	U	0.12	U
Nickel	6.7	J	4.1	J
Selenium	8.7	U	8.7	U
Sodium	50,300		48,600	
Zinc	24.0	B	9.2	JB

Client Sample ID:	LT-R-002 (GW)			
Sampling Date:	1/31/2014		1/31/2014	
	Total		Dissolved	
Antimony	310		82	
Arsenic	1,900		24	
Barium	310		120	BJ
Beryllium	3.0		1.7	J
Cadmium	140		140	
Chromium	170		9.2	B
Copper	1,300		860	
Iron	220,000		91,900	
Lead	3.600		4.9	J
Magnesium	64,100		61,800	J
Manganese	20,800		22,200	
Mercury	1.8		0.12	U
Nickel	260		230	
Selenium	44		8.7	U
Sodium	480,000		488,000	
Zinc	8,500	B	8,500	BJ

Client Sample ID:	LT-GI-004 (GW)			
Sampling Date:	2/10/2014		2/10/2014	
	Total		Dissolved	
Antimony	11	J	6.8	U
Arsenic	58	J	14	
Barium	170	J	110	J
Beryllium	0.30	U	0.30	U
Cadmium	3.9		0.99	J
Chromium	16	J	4.0	U
Copper	20	J	2.4	J
Iron	31,000	J	68	
Lead	53	J	3.0	U
Magnesium	336,000	J	316,000	
Manganese	2,900	J	2,700	
Mercury	0.12	U	0.12	U
Nickel	7.9	J	3.6	J
Selenium	170	J	49	J
Sodium	592,000		606,000	
Zinc	86	BJ	10	U

NYSDEC GROUNDWATER QUALITY STANDARDS (1)	
Antimony	0.003
Arsenic	0.025
Barium	1
Beryllium	0.003*
Cadmium	0.005
Chromium	0.05
Copper	0.2
Iron	0.3
Lead	0.025
Magnesium	35*
Manganese	0.3
Mercury	0.0007
Nickel	0.1
Selenium	0.01
Sodium	20
Zinc	5*

Doxey Excavation
Proposed Marinas
Proposed Building
Property Line
Petroleum Excavation
Proposed Bulkhead Excavation
Curbline

Post Remedial Sample Location Descriptions

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/4/2014

- Confirmation Sampling Location
- Utility & Confirmation Boring Location
- GeoTech Soil Boring Location
- GeoTech Test Pit Location
- Garvies Point Road Boring Location
- GW Monitoring Well Sampling location

TRC Companies, Inc., Supplemental Remedial Investigation Report; Feb 2014

- Monitoring Well

USEPA; Remedial Investigation; May 2015

- Soil Borings

PWGC Arsenic & Lead Groundwater Report; Feb 2015

1/20/2015 through 1/21/2015

- Groundwater Well

PWGC
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LI TUNGSTEN GROUNDWATER METALS

GLEN ISLE

0 40 80 120 160 Feet

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FIGURE NO: 20

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Notes:
Units are in pCi/l
G - The Sample MDC is greater than the requested RL.

NYSDEC Groundwater Quality Standards	
Radium-226	3
Radium-228	-
Radium-226+Radium-228	5

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LI TUNGSTEN GROUNDWATER RAD

GLEN ISLE

0 40 80 120 160 Feet

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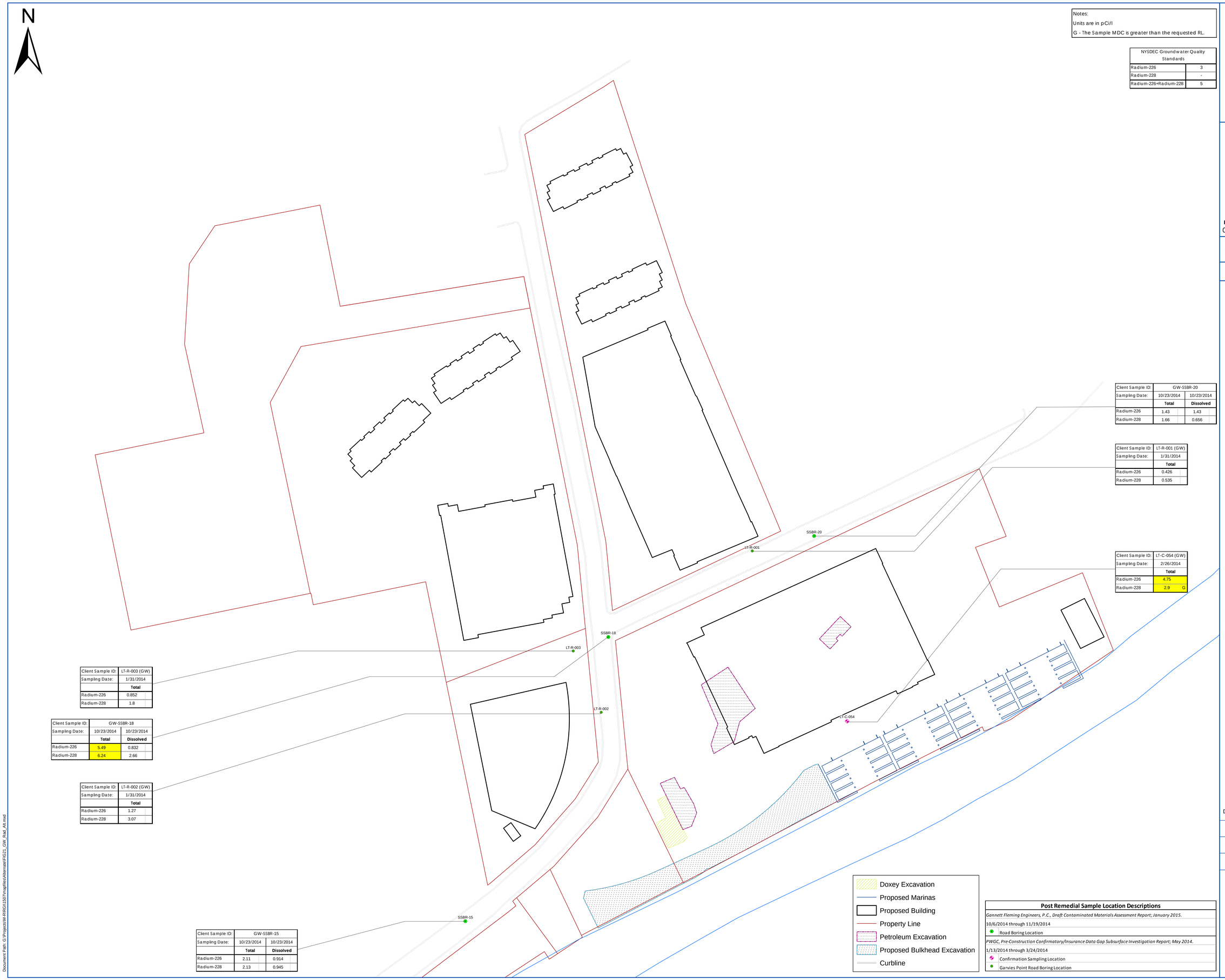

Client Sample ID:	GW-SSBR-20	
Sampling Date:	10/23/2014	10/23/2014
	Total	**Dissolved**
Radium-226	1.43	1.43
Radium-228	1.66	0.656

Client Sample ID:	LT-R-001 (GW)
Sampling Date:	1/31/2014
	Total
Radium-226	0.426
Radium-228	0.535

Client Sample ID:	LT-C-054 (GW)	
Sampling Date:	2/26/2014	
	Total	
Radium-226	4.75	
Radium-228	2.9	G

Client Sample ID:	LT-R-003 (GW)
Sampling Date:	1/31/2014
	Total
Radium-226	0.852
Radium-228	1.8

Client Sample ID:	GW-SSBR-18	
Sampling Date:	10/23/2014	10/23/2014
	Total	**Dissolved**
Radium-226	5.49	0.832
Radium-228	6.24	2.66

Client Sample ID:	LT-R-002 (GW)
Sampling Date:	1/31/2014
	Total
Radium-226	1.27
Radium-228	3.07

Client Sample ID:	GW-SSBR-15	
Sampling Date:	10/23/2014	10/23/2014
	Total	**Dissolved**
Radium-226	2.11	0.914
Radium-228	2.13	0.945

Exceeds Class GA GQS/GV

Post Remedial Sample Location Descriptions

Gannett Fleming Engineers, P.C., Draft Contaminated Materials Assessment Report; January 2015.

10/6/2014 through 11/19/2014

- Road Boring Location

PWGC, Pre-Construction Confirmatory/Insurance Data Gap Subsurface Investigation Report; May 2014.

1/13/2014 through 3/24/2014

- Confirmation Sampling Location
- Garvies Point Road Boring Location

DRAWING INFORMATION:

Project:	RGI1507	Designed by:	DE
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Scale:	AS SHOWN	Approved by:	DE

FIGURE NO: 21

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APPENDIX A