



ENVIRONMENTAL GROUP, INC.
ENGINEERING, ARCHITECTURE & SURVEYING, PC

**REMEDIAL WORK PLAN
SITE 7**

NYSDEC BCP SITE #C734135

**BROWNFIELD CLEANUP PROGRAM
DESTINY USA
SYRACUSE, NEW YORK**

Prepared for:

New York State
Department of Environmental Conservation
Region 7

Prepared by:

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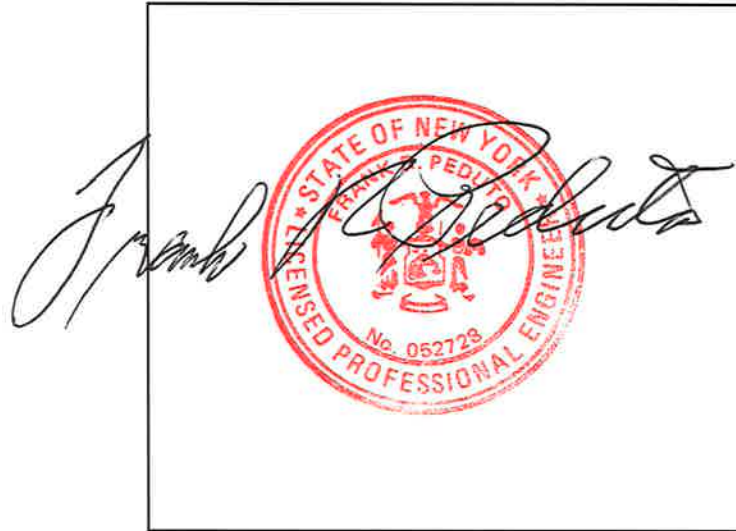
ENGINEER'S CERTIFICATION

I, Frank R. Peduto (licensed Professional Engineer in New York State), certify under penalty of law that the Site 7 Remedial Work Plan, including Remedial Design, was prepared under my direction, supervision and review.

Frank R. Peduto, P.E.

License No. 052728

Date: April 10, 2017



1.0 INTRODUCTION AND PURPOSE

1.1 PROJECT AUTHORIZATION AND PURPOSE

This Site 7 Remedial Work Plan (Site 7 RWP or RWP) has been prepared by Spectra Engineering, Architecture and Surveying, P.C. This RWP applies to the real property shown on Figure 1 (Site 7), in connection with the Destiny project located in Syracuse, New York. The proposed plan for development is a hotel. This RWP evaluates and addresses subsurface soil, water, and vapor contamination present within the Site 7 boundaries.

This RWP is submitted in full compliance with all governing statutory and regulatory provisions, including, but not limited to, those set forth at ECL section 27-1403 et seq. and 6 NYCRR Part 375, and applicable guidance. In addition, this RWP has been prepared consistent with other similar projects approved by the New York State Department of Environmental Conservation (NYSDEC) under the Brownfield Cleanup Program (BCP). The RWP described herein incorporates the findings of the Remedial Investigation Report for Brownfield Cleanup Program Sites 6 & 7 (Sites 6 & 7 RIR), dated August 2013 and resubmitted on December 8, 2015, February 29, 2016, again on May 13, 2016 and approved in July 2016.

1.2 SITE DESCRIPTION

The Destiny property consists of approximately 152 acres at the southeast end of Onondaga Lake (a Class C water body). It is bounded by: Onondaga Lake, Conrail tracks and Harborside Drive, to the northwest; Interstate 81 (I-81) to the north and northeast; Bear Street on the south and southeast; and the New York State Barge Canal to the south and southwest (Figures 1 and 2).

Site 7 (the Site) is located across the southern portion of the Destiny land between West Hiawatha Boulevard and Bear Street. The Site is bordered by Hiawatha Boulevard to the northwest, I-81 to the northeast, Bear Street to the southeast, and Solar St. to the southwest. See Figure 2, "Site Location Map". Land uses surrounding the Site consist of business districts and mixed residential property to the north and east.

1.3 SITE HISTORY

Site 7 is located in a former area of extensive natural shoreline and lowland deposits consisting of marl (a naturally occurring deposit of sand, clay, calcium, carbonate, and shell fragments), and organic vegetation including roots, wood, and peat. Historically, the general area was known for its widespread salt marshes and spring deposits that were mined for their salt content from the 1600s to early 1900s. The salt deposits were created by the natural upward discharge of groundwater laden with dissolved salts derived from the evaporite (salt and gypsum) deposits located in the bedrock underlying the area, namely the Vernon and Syracuse Formations.

During construction of the Erie Canal in 1822, Onondaga Lake was lowered by eleven feet allowing access to more of the salt deposits for mining purposes. During the 1800s and early 1900s, this area was the location of large evaporation lagoons where salt derived from the surficial deposits. The lake level remained at this low level for approximately 75 to 100 years.

In the early 1900s, the Solvay Process Company brought the “Solvay Process” for generating Soda Ash (Sodium Carbonate) to the United States from Germany, and began operation around 1907. The Solvay process generated large quantities of waste materials, including calcium carbonate, calcium oxide, and calcium chloride. These wastes are generally characterized as being white to grey in color, relatively soft, and clayey. Areas of unoccupied land at the Solvay plant and on vacant land located throughout the south end of Onondaga Lake were utilized for the disposal of these wastes. These disposal areas included a large portion of the area between Onondaga Lake and the areas surrounding West Hiawatha Boulevard (currently Destiny USA), including Site 7. Major oil storage facilities were once located throughout Site 7. These facilities were part of a large petroleum storage complex at the south end of Onondaga Lake known as Oil City.

Throughout the first half of the 1900s, additional miscellaneous fill, including Solvay waste and various construction and demolition debris (C&D) waste, was deposited on and near Site 7 as well as other parts of Oil City. Similar activities, excluding the additional deposition of Solvay wastes, continued from the 1930s to the 1980s. Figure 3, the Site 7 Remedial Investigation Plan, identifies the Oil City parcels and the locations of the former oil tanks.

A more complete summary of these properties and their associated environmental activities is provided below.

1.3.1 Former Sunoco and Atlantic Oil Properties (Parcels 116.-02-01.0 and 116.-02-08.0)

Sunoco, Inc., (R&M) and Atlantic Refining & Marketing Corporation (collectively known as “Sunoco”, individually as “Sun” and Atlantic”) owned and operated two, major oil storage facilities within Oil City. On Site 7, Sunoco and Atlantic’s lands were broken up into 2 individual parcels as follows: Sun 1 – parcel 116.-02-01.0, 10.8 acres; Sun 2 (AKA Atlantic 2 - Atlantic 10) – parcel 116.-02-08.0, 6.6 acres (Figure 3).

Several environmental investigations have taken place on these properties that have documented soil and groundwater impacts associated with the historical petroleum storage activities (Figure 4). These investigations included the following:

1. Solar Street Investigation Report Oil City Site, July 1999, by Groundwater & Environmental Services, Inc.;

2. September 2001 Remedial Activity Report Sunoco Syracuse Terminal Properties, October 2001, by Groundwater & Environmental Services, Inc.;
3. Subsurface Investigation Report Syracuse Terminal Properties: Sun Company, Inc., March 1998, by Groundwater & Environmental Services, Inc.;
4. Supplemental Subsurface Investigation Report Syracuse Terminal Properties: Sun Oil Company, Inc., May 1998, by Groundwater & Environmental Services, Inc.;
5. Remedial Action Work Plan Sunoco Syracuse Terminal Oil City Site, March 2000, by Groundwater & Environmental Services, Inc.;
6. 1999 Supplemental Investigation Report Sunoco Syracuse Terminal Oil City Site, January 2000, by Groundwater & Environmental Services, Inc.;
7. Lead Impacted Soils Investigation: Sunoco Syracuse Terminal Oil City Site, November 2001, by Groundwater & Environmental Services, Inc.;
8. Pipeline Tract Sampling, February 27, 2001, by Groundwater & Environmental Services, Inc.; and
9. Remedial Investigation Report, Sites 6 & 7, August 2013, revised February 2016, revised May 2016, by Spectra Engineering, Architecture and Survey, P.C. and approved by the NYSDEC in July 2016.

Based on a review of these documents, contaminants of concern include metals, and petroleum-related compounds.

1.3.2 Alaskan 22 Property (Parcel 116.-02-07.0)

The Alaskan parcel is a part of BCP Site 7 and formerly contained nine aboveground storage tanks, ancillary equipment, and office buildings (See Figure 3 for former tank locations). Environmental investigations on this property, including the most recent conducted by Spectra in 2013, have documented soil and groundwater impacts associated with historical petroleum storage activities and underground piping. Contaminants of concern include volatile organic compounds (VOCs), and some semi-volatile organic compounds (SVOCs) and metals.

1.4 CURRENT USES OF SITE 7

Site 7 was most recently (circa 1990's) used by oil companies as a major oil storage facility. Currently, Site 7 contains roads, vacant land, Destiny USA auxiliary parking lots, sidewalks, bus routes, and storm water controls. The storm water controls consist of swales and detention basins which discharge into the New York State Barge Canal.

1.5 SUMMARY OF ENVIRONMENTAL CONDITIONS

1.5.1 Summary of Remedial Investigation

The following sections summarize the remedial investigation (s) performed on Site 7 with emphasis on that portion of Site 7 to be affected by the proposed project (aka, project area). In June 2016, a supplemental soil and groundwater sampling event was conducted. Figure 4 shows the original AOC provided in the RIR. Figures 4B and 4C present the original data from 2013, and the supplemental data from June 2016 including contaminant levels identified within the hotel footprint during excavation. The supplemental soil borings were designed to surround previously identified locations that demonstrated elevated levels of contamination. The locations were sampled to surround the “hot spots” and better define how far and wide the contaminated zones may extend. This would allow the treatment design to be focused in the actual contaminated zones.

The future use of the property will be a hotel and parking area and is consistent with the BCP for restricted residential use. Exceedances are defined as contaminant levels above Part 375-6(b) restricted residential use criteria. Contaminants identified within the soils at the Site include VOCs, SVOCs, and metals as described below. A complete description of soil and groundwater conditions are described in the final Remedial Investigation Report for Brownfield Cleanup Program Sites 6 & 7, dated June 9, 2016.

1.5.2 Soils

Volatile Organic Compounds (VOCs)

In the 2013 remedial investigation there were a total of nine (9) VOC exceedances of the Brownfields Cleanup Plan, Restricted Residential, Soil Cleanup Objectives (BCP RR SCOs) in soil on Site 7. The highest concentrations identified were for 1,2,4 Trimethylbenzene at boring S1-19-W (415 mg/kg at 4 - 6 feet below grade surface (bgs) and at boring S1-3-W (204 mg/kg at 8-10 feet bgs).

In 2016 twenty-one new soil samples (identified with the letter “P”) were collected across the AOC identified in the RIR (Figures 4B and 4C). The P3 series of samples had several exceedances of 1,2,4-Trimethylbenzene (TMB) around SP-MW 43, SP-MW-41 and 2013 soil sample S1-19 ranging as high as 220 ppm. The hotel footprint samples identified no VOC exceedance of BCP RR SCOs. Those areas with primarily significant VOC exceedances of restricted residential criteria resulted in the final AOCs as shown on Figure 4D.

Semi-volatile Organic Compounds (SVOCs)

In the 2013 investigation there were a total of twenty-eight SVOC exceedances of Part 375 RR SCOs on Site 7. Twenty-six were identified on the Sun 1 parcel. The highest contaminant concentrations identified at that time were located at boring S1-20 (1 - 4 feet bgs) where several PAHs ranged from approximately 20 mg/kg to 40 mg/kg. All other exceedances ranged from 1 to 10 ppm above the BCP RR SCOs.

The 2016 investigation identified several low-level SVOC exceedances in soil ranging from less than 1 ppm to a high of 6.7 ppm (Benzo(b)fluoranthene) in boring P4-1. The hotel footprint had similar results ranging from less than 1 ppm to a high of 10 ppm (Benzo(a)pyrene) in Sample 15.

Metals - Target Analyte List (TAL)

In the 2013 investigation, nine borings on Site 7 demonstrated exceedances of metal(s) for the BCP RR SCOs.

There were five exceedances of arsenic (BCP RR SCOs = 16 mg/kg). The highest exceedance (137 mg/kg) was identified on the SUN 1 parcel, boring S1-15, at the 6 - 8 feet bgs interval.

There were five exceedances for copper (BCP RR SCOs = 270 mg/kg). The highest exceedance (1690 mg/kg) was identified at boring S1-15 at the 6 - 8 feet bgs interval.

There were five exceedances for mercury (BCP RR SCOs = 0.81 mg/kg). The highest exceedance (6.28 ppm) was identified at S1-17 at 4-8 feet bgs and three of the five were within 0.1 ppm of the BCP RR SCOs.

The 2016 supplemental investigation identified a number of exceedances of BCP RR SCOs for metals. In addition to the ubiquitous manganese, some examples of metal exceedances included but are not limited to the following:

Arsenic - (BCP RR SCOs = 16 mg/kg) at P4-3(2'-3') = 57 mg/kg;

Cadmium - (BCP RR SCOs = 4.3 mg/kg) at P3-1(0'-4') = 53 mg/kg;

Copper - (BCP RR SCOs = 270 mg/kg) at P4-3(2'-3') = 2200 mg/kg;

Lead - (BCP RR SCOs = 400 mg/kg) at P3-1(0'-4') = 1000 mg/kg;

Zinc - (BCP RR SCOs = 10,000 mg/kg) at P 3-8 = 18,000 mg/kg.

Polychlorinated Biphenyls (PCBs)

There were no detections of PCBs (BCP RR SCO = 1 mg/kg) on Site 7.

1.5.3 Groundwater Conditions

Groundwater flow is generally to the southwest towards the Barge Canal on the SUN-2 and Alaskan 22 parcels, bending more towards the west-northwest on the SUN-1 parcel.

The 2013 Remedial Investigation included collection of groundwater samples from eighteen groundwater monitoring wells on Site 7. The 2016 sampling event repeated this pattern to establish a new and current set of baseline groundwater data. The following summarizes the groundwater conditions at the Site based on the 2016 results. All detailed laboratory sample results for the 2016 data are provided in Appendix E.

Volatile Organic Compounds (VOCs)

Sixteen (16) of the eighteen (18) monitoring wells on Site 7 had some exceedance of VOC compounds. Monitoring wells SP-MW-41 and SP-MW-43 contained the most significant number of exceedances. There were no exceedances of MTBE on Site 7. Detailed results are provided in Appendix E, Table 2A, and displayed in Figure 4B.

Semi-Volatile Organic Compounds (SVOCs)

Site 7 contained a total of four (4) exceedances of semi-volatile compounds in groundwater. Naphthalene was identified in SP-MW-43 at 140 µg/L. Monitoring wells SP-MW-37, SP-MW-14SR, and SP-MW-39 contained very low level exceedances of several SVOC compounds. All other values were either below the groundwater standard values or were non-detect. Detailed results are provided in Appendix E, Table 2B, and displayed in Figure 4C.

Target Analyte List (TAL) Metals

In the June 2016 baseline analysis, all wells were analyzed for Target Analyte List (TAL) of metals by EPA Method 6010 (modified Part 375 list) and EPA Method 7471B for Mercury. Manganese is ubiquitous across Site 7. Five wells had exceedances for manganese. Six of the 18 wells on Site 7 exceeded the manganese TOGS groundwater guidance value of 600 µg/L.

With the exception of manganese, the only exceedances identified in the June 2016 analysis were for barium (3480 ug/L) and arsenic (31.1 ug/L) in SP-MW-13S, arsenic (70.9 ug/L) in SP-MW-14SR, and lead (60.4 ug/L) in SP-MW-21. All other results were either below standards or non-detect. Detailed results are provided in Appendix E, Table 2C, and displayed in Figure 4C.

Metals exceedances of ambient groundwater standards were identified in several wells. Groundwater data was collected from SP-MW-43 with the intent of determining whether the metals identified in several surrounding soil samples were dissolving into the groundwater. The metal results from this and other wells are provided in the summary boxes in Figure 4C. While

there are metals in the soil around SP-MW-43, those same metals do not appear in the groundwater at levels above Ambient Groundwater Quality standards. SP-MW-21 contained several metals above groundwater quality standards in 2013, however in 2016, with the exception of lead, all metals are within the standards. This indicates that the metals in these soils are not partitioning into the groundwater. Shy of excavation, treatment of these metals would not improve the groundwater quality above its present state. Therefore, due to the immobility of the metals, and the asphalt cap (site cover) which will eliminate exposure, metals treatment is not proposed at this site.

Polychlorinated Biphenyls (PCBs)

No PCBs were identified in any groundwater samples on Site 7.

Groundwater pH Results

Laboratory analytical testing for pH indicates that Site groundwater has a pH ranging from 6.36 to 8.52 pH units. Measurements recorded in the field during groundwater sampling indicate 6.27 and 8.49 pH units.

Based on the above assessment of the state of the subsurface soils and groundwater, remediation will focus on the area surrounding SP-MW-41(AOC-3), SP-MW- 43 (AOC-1) and soil sample S1-19 (AOC-2). It will include in-situ treatment for soils with the benefit of treatment of groundwater within the treatment zone. The objective of the treatment plan is to reduce source contamination in the treatment zone and improve groundwater quality.

1.5.4 Current Soil Vapor Conditions

A subsurface soil vapor investigation was conducted at Site 7 on July 2 and 3, 2013 focusing primarily on the project area. Six, temporary vapor points were installed, sampled, and analyzed for VOCs via EPA Method TO-15. Locations of the vapor points are shown on Figure 3.

None of the compounds identified in the vapor testing have a BCP SS RCO regulatory value. Soil vapor data are semi-quantitative in nature because while they are laboratory analyzed, they may not correlate to soil and or groundwater concentrations directly beneath them. However vapor results should be considered coincident with the proposed land use.

The following vapor readings were collected on Site 7:

Compound	Minimum Detection Value ($\mu\text{g}/\text{m}^3$)	Maximum Detection Value ($\mu\text{g}/\text{m}^3$)
Benzene	59.1 (S1-V5)	690 (S1-V1)
Cyclohexane	146 (S1-V5)	10,800 (S1-V6)
Propylene	42.7 (S1-V5)	1,210 (S1-V6)
n-Hexane	261 (S1-V3)	15,100 (S1-V6)
Heptane	143 (S1-V3)	4,920 (S1-V6)
Toluene	265 (S1-V5)	889 (S1-V1)
Carbon disulfide	32.4 (S1-V5)	349 (S1-V1)
2,2,4-Trimethylpentane	0.934 (S1-V5)	93,900 (S1-V6)

Many of these compounds are associated with petroleum. The presence of volatile subsurface contaminants with a potential for vapor intrusion has resulted in the implementation of an engineering control in the form of a sub-slab vapor control system beneath the proposed building footprint.

1.5.5 Areas of Concern

Based on the results of the supplemental soil and groundwater sampling event, the original AOC was broken down into three distinct areas; AOC-1, AOC-2, and AOC-3 (Figure 4D – Revised AOCs). Each area consists of a focused “hot spot” of contaminants in soil and/or groundwater.

AOC-1 is the largest area circumventing monitoring well SP-MW-43. VOCs such as 1,2,4 and 1,3,5 Trimethylbenzene and Xylenes are the prime contaminants to depths as low as 12 feet.

AOC-2 is identified as a “hot spot” around soil sample S1-19 to depths of 4-6 feet. Primary contaminants include 1,2,4 and 1,3,5 Trimethylbenzene, BTEX compounds and low level SVOCs.

AOC-3 represents the area in and around SP-MW-41. Primary contaminants include 1,2,4 Trimethylbenzene, benzene, ethylbenzene, and several other components of benzene consistent with petroleum operations.

Soils

AOC-1 and AOC-2 are located in the northeastern corner of Site 7. Constituents exceeding restricted residential (RR) and protection of groundwater (PGW) Soil Cleanup Objectives (SCOs) criteria include: several volatile organic compounds (VOCs); BTEX compounds plus 1,2,4 and 1,3,5-Trimethylbenzenes); and several semi-volatile compounds (SVOCs); benzo(a)pyrene, benzo(a)anthracene, and several other petroleum aromatic compounds (PAHs). These compounds are petroleum-based materials and are consistent with the history of the site.

A number of metals which may have been associated with the former facility operations, or may have been historically placed as fill as well as ubiquitous background metals have been identified at levels above the Brownfields RR SCOs (arsenic, cadmium, copper, lead and manganese). Groundwater analysis has shown that these metals have not partitioned into groundwater. For this reason remediation of metals is not being considered. The depth of these metals and the asphalt-paved surface will prevent exposure to humans.

AOC-3 is located in and around monitoring well SP-MW-41. There are exceedances of VOCs (Benzene, ethylbenzene, 1,2,4 Trimethylbenzene and several other VOCs in water and 1,2,4 Trimethylbenzene in soil.

Groundwater

There were two rounds of groundwater sampling and analysis conducted (June 2013, June 2016 and SP-MW-42R in October 2016). SP-MW-42R is a replacement well for decommissioned well SP-MW-42 which was located in the middle of the hotel footprint. See Appendix F for well construction details.

SP-MW-41 and 43 lie within AOCs 1 and 3. Contaminants of concern are primarily VOCs. With the exception of the ubiquitous manganese, no other metals were identified in these monitoring wells. This is further proof that the metals identified in nearby soil samples prefer to adhere to the soil particles rather than dissolve and migrate in water. Based on the above factors, no groundwater remediation of metals is proposed.

Vapors

Five vapor samples were collected on Site 7 (See Section 1.5.3). Sample S1-V1, located within the hotel footprint, identified the presence of several VOCs including 2,2,4 Trimethylpentane (4860 ug/m³). This will be mitigated by a subslab vapor control system beneath the building footprint.

Samples S1-V2, S1-V3, S1-V5 and S1-V6 each identified the presence of VOCs. These locations will be paved and will be used for parking.

Surface Water

The nearest surface water, the NYS Barge Canal, is approximately 0.25 miles west. Groundwater flow is generally to the southwest and remediation of the Site 7 AOCs should preclude any impacts to the Canal. As stated on page 7 and shown in the updated groundwater contour map, there is also a northwesterly component of flow towards Hiawatha Blvd on the SUN-1 within the AOC.

2.0 REMEDIAL ALTERNATIVES EVALUATION

2.1 INTRODUCTION

DER-10, Section 4.4(c) requires an Alternatives Analysis (AA). The AA is a report, or portion of a remedial work plan (as provided here), which describes and evaluates remedial alternatives to address contamination within Areas of Concern identified during a Remedial Investigation (RI) performed at the site. The RI results were provided in a revised report dated June 9, 2016. The analysis presented here provides an evaluation of remedial alternatives for Site 7 to demonstrate how the selected remedy best meets the multiple criteria outlined by 6 NYCRR Part 375 and ECL Article 27 Title 14, including protection of public health and the environment.

In accordance with DER 10, Section 4.4(d)(ii), all BCP projects must consider an unrestricted use option. Alternative 1 will address the unrestricted use option when evaluating the remedy selection factors while the other alternative is designed to meet the Brownfield Cleanup Program's Restricted Residential use criteria.

2.2 POTENTIAL THREAT TO PUBLIC HEALTH AND THE ENVIRONMENT

A qualitative exposure assessment was performed and was previously included in Section 9.0 of the Sites 6 & 7 RIR. Soil contamination and contaminants in other media were considered. The assessment evaluated current and foreseeable exposure pathways for Site 7, including human and wildlife exposure potential, i.e. dermal contact with soil, surface water, and groundwater; ingestion of soil, surface water, and groundwater; and inhalation of particulate matter and chemical vapors. These potential exposures were evaluated in the development of remedial alternatives and addressed in the alternatives analysis herein.

2.3 LAND USE

Development on Site 7 will consist of a hotel. Detailed information about the history of Site 7 and its surroundings is provided in the Sites 6 & 7 Remedial Investigation Work Plan (RIWP) and the Site 6 & 7 RIR. In assessing the anticipated land use, the regulatory factors have been evaluated, including but not limited to, the factors set forth in 375-1.8(f)(9) et seq.

2.3.1 Current Use/Historical and/or Recent Development Patterns

As discussed in Sections 1.7 and 1.8 of the Sites 6 & 7 RIR, Site 7 is currently used as auxiliary parking for Destiny USA (See Figure 1). In line with current development patterns, the proposed construction will transform a portion of the northwest parking area on Site 7 into a hotel facility.

2.3.2 Applicable Zoning Laws and Maps

The Destiny project is a permitted use pursuant to the Syracuse zoning rules and regulations. See City of Syracuse Zoning Ordinance, B-IX-6(6).

2.3.3 Brownfield Opportunity Areas

There are currently no established Brownfield Opportunity Areas in or near Site 7.

2.3.4 Applicable Comprehensive Community Master Plans

The Site 7 project, as part of Destiny USA, is consistent with and supports the goals of the existing City of Syracuse Comprehensive Plan 2025. The City of Syracuse Comprehensive Plan 2025 recognizes that this area is a destination for retail, entertainment, recreation, and regional transportation and that there are ongoing plans for more retail, travel, and entertainment opportunities throughout the Destiny USA facility.

2.3.5 Proximity to Residential and Other Uses

The Destiny USA BCP property consists of approximately 152 acres at the southeast end of Onondaga Lake (a Class C water body). It is bound by: Onondaga Lake, Conrail tracks, and Harbor side Drive to the northwest; Interstate 81 (I-81) to the north and northeast; Bear Street to the south and southeast; and the New York State Barge Canal to the south and southwest (See Figures 1 and 2).

Site 7 is located across the southern portion of the Destiny land generally between West Hiawatha Boulevard and Bear Street. The Site is bordered by Hiawatha Boulevard to the northwest, I-81 to the northeast, Site 9 (formerly Mobil/Penny Saver/Upstate) to the southeast, and Solar Street to the southwest. See Figure 2 “Site Location Map” for the location of Site 7. Land uses surrounding the Sites consist of business districts and mixed residential property to the north and east. The nearest urban residences are separated by Interstate 81 and are located approximately 0.5 miles away. The nearest recreational facilities are those associated with the surface water features of Onondaga Lake, located approximately 0.7 miles northwest of Site 7. Destiny USA is a commercial and recreational facility immediately across Hiawatha Boulevard northwest of Site 7.

2.3.6 Public Comment

To date, no public comments have been received associated with the Site 6 & 7 RIWP or the RIR.

2.3.7 Environmental Justice

There are no low-income minority communities on or in immediate proximity to Site 7. The prior and historic use of the Site and its surroundings has been commercial and industrial. The proposed use is not expected to cause or increase a disproportionate burden on the community where the Site 7 is located.

2.3.8 Federal or State Land Use Designations

No Federal Land Use Designations have been identified on Site 7.

2.3.9 Population Growth Patterns and Projections

Syracuse is considered a major metropolitan area according to the 2010 census. Onondaga County exhibited a -0.6% change in population between 2010 and 2014. The Destiny project is anticipated to transform the previously underutilized Site 7 and its surroundings into a hotel. This much needed project will provide the additional stimulus necessary to reverse the decreasing population trend identified in the 2010 census.

2.3.10 Accessibility to Existing Infrastructure

Site 7 currently has full access to the required utilities and transportation network. The electric, natural gas, water, and sewer utilities are currently connected to and service Destiny USA, immediately northwest of Site 7. Specific connections, and necessary environmentally-sensitive and beneficial upgrades, have been made and are continuing in accordance with all required laws and regulations.

An extensive public transportation system is in place to accommodate the additional anticipated traffic to the Site 7 development, including but not limited to I-81 and I-690.

2.3.11 Proximity to Important Cultural Resources

Site 7 is not wholly or partially included within an identified archeologically-sensitive area. The Site does not involve nor is it substantially contiguous to a property listed or recommended for listing on the New York State or National registers of historic places. No known heritage or native-American religious sites are located on or in close proximity to the Site.

2.3.12 Natural Resources

Site 7 is approximately 2000 feet from Onondaga Lake. There are no wetlands, critical habitats of threatened or endangered species, or wildlife refuges at or adjacent to the Site 7 area.

2.3.13 Potential Vulnerability of Groundwater

There are low-level contaminants in the Site 7 groundwater. While groundwater flow is generally southwest across the site, as shown on the groundwater contour map (Figure 5), some components of groundwater flow on the SUN-1 parcel are to the west-northwest towards Hiawatha Blvd. and the New York State Barge Canal. No significant migration of these contaminants is anticipated from Site 7 to the Barge Canal. In addition, there are no wellhead protection areas or groundwater recharge areas for potable sources on or in close proximity to the Site 7 property.

2.3.14 Proximity to Flood Plains

The FEMA Flood Insurance Rate Map indicates that Site 7 is located within a Zone C flood zone; areas with minimal flooding. It should be noted that the effective date of the FEMA map is May 3, 1982. Since that time, grading and construction of the auxiliary Destiny USA parking lots have modified (i.e. increased) the grade elevation at on Site 7.

2.3.15 Geology and Hydrogeology

Surface deposits at Site 7 consist of imported fill materials composed of silt, sand, and clay, some of which is intermixed with that derived from foundry slag.

Underlying the fill materials in Site 7 is the truly “native” soil, or unconsolidated deposits, that were present at and beneath the ground surface prior to development of the area, which consist of the following:

- Salt marsh deposits, including marl, shells, peat, and organic material;
- Deltaic sand and gravel - these deposits can exceed 100 feet in thickness;
- Lacustrine (Lake) silt and clay - these deposits vary from approximately 40 to almost 200 feet in thickness;
- Glacial outwash - these deposits consist primarily of sand and gravel; and
- Glacial till - this relatively thin (<30 feet) deposit consists of a heterogeneous mixture of silt, sand, gravel, and cobbles.

See sections 2.1 and 2.2 the Site 6 & 7 RIR for a more detailed discussion of these topics.

2.4 REMEDY SELECTION FACTORS

The alternatives described in Section 2.4 have been evaluated against the following remedy selection factors consistent with the NYSDEC BCP:

a) Conformance to Standards, Criteria, and Guidance (SCGs)

These criteria evaluate the alternatives against the federal and New York State legal and engineering standards identified for the Site. This evaluation also considers the RAOs developed for the Site as identified in this Section.

b) Overall Protectiveness of Public Health and the Environment

Protection of public health and the environment is evaluated on the basis of estimated reductions in the potential for both human and environmental exposure to contaminants for each remedial alternative. The evaluation focuses on whether a specific alternative achieves adequate protection under the conditions of the site's future use and how site risks are eliminated, reduced or controlled through treatment, engineering or institutional controls.

c) Short-term Effectiveness and Impacts

Evaluation of short-term effectiveness and impacts of each alternative examines health and environmental risks likely to exist during the implementation of a particular remedial alternative. Principal factors for consideration include the expediency with which a particular alternative can be completed, potential impacts on the nearby community, on-site workers and environment, and mitigation measures for short-term risks required by a given alternative during the necessary implementation period.

d) Long-Term Effectiveness and Permanence

Examination of long-term impacts and effectiveness for each alternative requires an estimation of the degree of permanence afforded by each alternative. To this end, the anticipated service life of each alternative must be estimated, together with the estimated quantity and characterization of residual contamination remaining on-site at the end of this service life. This evaluation also includes the adequacy and reliability of controls required for the alternative, if required.

e) Reduction in Toxicity, Mobility and/or Volume of Contamination

Reduction in toxicity, mobility, and/or volume of contamination is evaluated on the basis of the estimated quantity of contamination treated or destroyed, together with the estimated quantity of waste materials produced by the treatment process itself.

f) Implementability

Evaluation of implementability examines the difficulty associated with the installation and/or operation of each alternative and the proven or perceived reliability with which an alternative can achieve performance goals.

g) Cost Effectiveness

Cost evaluations presented in this document estimate the capital, operation, monitoring and maintenance (OM&M) costs associated with each remedial alternative.

h) Community Acceptance

Community acceptance evaluates the technical and administrative issues and concerns that the community may have regarding each of the alternatives. Community acceptance will be gauged through the 45 day statutorily required public comment period for the Site 7 Remedial Work Plan (RWP). Public comments will be considered and incorporated into the final approved Site 7 RWP.

i) Land Use

Evaluation of land use examines whether the alternative is suitable for the Site, based on current and future use of the Site and its surrounding factors.

2.5 EVALUATION CRITERIA

2.5.1 Standards, Criteria, and Guidance (SCG)

The remedial alternatives were developed in consideration of the following standards, criteria and guidance (SCG) documents:

Soil:

- New York Codes, Rules and Regulations, Title 6 (6NYCRR), Chapter IV, Subpart 375-6: *Remedial Program Soil Cleanup Objectives*, and DEC CP-51 I *Soil Cleanup Guidance*, Issued October 21, 2010.

Groundwater:

- DEC Technical and Operational Guidance Series (TOGS) *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*, June 1998.
- 6NYCRR Part 703: *Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations*.

Soil Vapor:

- NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006.
- NYSDOH *Trichloroethene (TCE) In Indoor and Outdoor Air -August 2015 Fact Sheet*.

Waste Characterization Analysis:

- DEC 6NYCRR Part 371, *Identification and Listing of Hazardous Wastes*.

Alternatives Analysis Guidelines:

- DEC DER-10 *Technical Guidance for Site Investigation and Remediation*, May 2010.
- DEC DER-31 *Green Remediation*, January 20, 2011.

2.6 REMEDIAL ACTION OBJECTIVES (RAOs)

Remedial action objectives (RAOs) are goals developed for the protection of human health and the environment. Identifying these objectives requires an assessment of the contaminants and media of concern, potential migration pathways, exposure routes, and potential receptors. Typically, remediation goals are established based on standards, criteria, and guidelines (SCGs) to protect human health and the environment.

2.6.1 Soils

AOC-1, AOC-2, AOC-3 and Hotel Footprint

RAOs for Protection of Public Health

In consideration of the current and reasonably foreseeable future of the Site, the RAOs are based on soil cleanup objectives (SCOs) for Protection of Public Health – Restricted Residential (RR) Site use with respect to the following exposure pathways:

- Dermal contact or ingestion of subsurface soils during Site disturbance activity;
- Inhalation of windblown surface soils.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in downgradient groundwater contamination.
- Reducing the potential for downward migration of contaminants to groundwater by surface runoff.
- Restriction of groundwater use.

2.6.2 Groundwater

RAOs for Protection of Public Health

- Prevent ingestion of contaminated groundwater.

RAOs for Environmental Protection

- Reduce the levels of soil and groundwater contaminants to the extent practicable.
- Mitigate impacts to public health by incorporating an environmental easement which restricts usage of on-site groundwater.

2.6.3 Vapors

RAOs for Protection of Public Health

- Prevent contact or inhalation of contaminant vapors from subsurface soil or contaminated groundwater.

RAOs for Environmental Protection

- Reduce the levels of soil and groundwater contaminants to the extent practicable.
- Mitigate impacts to public health resulting from existing or potential soil vapor intrusion into buildings at the site by implementing an engineering control consisting of a vapor control system beneath the hotel footprint.

A Restricted Residential use cleanup, utilizing institutional and engineering controls as described herein, meets these RAOs. NYSDEC and NYSDOH regulatory standards and guidelines were used to evaluate the soil, soil vapor, and groundwater quality to assess remedial alternatives.

2.7 CONTEMPLATED END USE AND SELECTION OF CLEANUP TRACK

Site 7 is part of the Destiny USA lands, a project that is anticipated to be operated as a unique development that will include retail, entertainment, dining, hospitality, and tourism facilities. At this time work in the project area of Site 7 will include the construction of an onsite hotel. Development of the hotel will require the advancement of piles to bedrock, soil excavation to a depth of approximately 4 feet bgs to install pile caps, utility lines, grade beam footings, a subslab vapor control system, and a concrete slab floor.

Treatment of three identified areas of concern is also included in the cleanup track. These areas (AOC-1, AOC-2, AOC-3) will be addressed by a process known as in-situ chemical oxidation.

3.0 REMEDIAL ALTERNATIVES

Site 7 contains approximately 27 acres that include the former Oil City parcels (SUN 1, SUN 2, Alaskan 22), a portion of Solar Street (1.25 acres), and a portion of Hiawatha Boulevard. The RIR identified one general primary Area of Concern (AOC) defined by contaminants in soil and/or groundwater (See Figure 4A) and subsequent sampling further refined the AOC into three AOCs (Figure 4D). The summary results of the 2013 and 2016 sampling events are shown in Figures 4B and 4C and in the summary tables. The laboratory data is provided in Appendix E.

3.1 ALTERNATIVE 1 - EXCAVATION AND OFF-SITE DISPOSAL OF CONTAMINATED SOIL AND TREATMENT OF GROUNDWATER TO UNRESTRICTED USE CONDITIONS

Description

Alternative 1 consists of full excavation of the contaminated zone across the 27 acres and in-situ chemical oxidation (ISCO) treatment of groundwater beneath the site. Based on sampling results from the approved Remedial Investigation Report (RIR - June 16, 2016), the soil cleanup standards for unrestricted use were exceeded at multiple locations both spatially and at depths across the site. After an assessment of the location of the exceedances of unrestricted soil levels across Site 7, it would be impractical to isolate and excavate “hot spots” that were spatially at different depths across the site. This would require considerable handling and re-handling of excavated material in an attempt to extract the contaminated material. For this reason, the option of full excavation was determined to be the best approach to achieve a goal of unrestricted use.

With the exception of 3 samples in AOCs 2 and 3, where contamination was identified at or around the 4 foot level, the top 4 feet of soil is considered uncontaminated and reusable. The contaminated zone is 8 feet in depth (4 fbgs – 8 fbgs). To implement this remedy the top 4 feet of soil will be excavated and stockpiled. The remaining soil (4’ – 8’) would be excavated and disposed of at a regulated facility.

Excavation of the 1,176,120 square feet from 0-12 feet bgs generates approximately 522,720 cubic yards of material. The first 4 feet (174,240 cubic yards) will be set aside and ultimately placed back in the excavation. The remaining 348,480 cubic yards (435,600 tons) of excavated soil will be disposed at a permitted disposal facility and replaced with suitable fill. This alternative will remove the contaminants of concern (COCs) to levels that will support an unrestricted land use designation within the designated areas.

During excavation, soil samples will need to be collected in order to ensure that the full extent of contamination has been removed. Similarly, due to the depth of excavation, groundwater will

need to be pump, stored, analyzed, and either discharged to the County municipal system or disposed at a regulated facility.

This alternative, while all inclusive, is impractical to implement. The construction schedule would last for an entire construction season and disruption of the project area is not consistent with the construction of the hotel. The logistics of moving this quantity of soil are considerable.

Treating groundwater to drinking water standards will take several years with ongoing monitoring. During that time thousands of cubic yards of newly placed clean fill will likely be re-contaminated by the existing groundwater.

There are short term risks (exposure to workers) along with long term risks (excavation and redistribution of contaminated soil to landfills).

Assessment

This alternative is protective of human health and eliminates the mass of contamination at the site by excavating soil and treating groundwater. The alternative is consistent with the proposed land use. Based on current zoning plans, the hotel with adjacent parking is consistent with the surrounding business.

During implementation of this remedy there is an extensive short term risks for workers, the community and the environment. It would provide the most exposure of contaminated soil to workers and windblown dust to the public.

The project would be extended for several months to allow for complete excavation. Trucks carrying contaminated soil over highways to regulated disposal facilities would increase substantially. The construction schedule would be significantly affected (delayed) until the hotel footprint area could be brought back to subgrade level.

3.2 COST

The capital cost of this alternative is based on estimated unit costs for contractors, materials and disposal facilities.

Description	Quantity	Cost Per Unit	Total
Mobilization/Demobilization	1 CY	\$100,000	\$100,000
Excavation and Handling	536,000 CY	\$25	\$13,400,000
Disposal	435,600 tons	\$50	\$21,780,000

Backfill	348,480 CY	\$25	\$8,712,000
Sampling	500 samples	\$600	\$300,000
Groundwater Treatment (Chemical Oxidation Solution Activated Provect-Ox [®])	348,480 CY	\$9	\$3,136,320
Drill Rigs & Crew (Injection)			\$500,000
Community Air Monitoring Plan (CAMP)			\$110,000
Subtotal Construction Costs			\$48,038,320
Construction Contingencies ~10%			\$4,803,832
Management Oversight	110 days	\$1000	\$110,000
Total Cost of Alternative 1			\$52,952,152

3.3 ALTERNATIVE 2 - IN-SITU TREATMENT OF THE AREAS OF CONCERN (AOCs), SUB-SLAB VAPOR CONTROL SYSTEM BENEATH THE BUILDING FOOTPRINT AND SITE COVER (BCP RR SCO)

Description

This alternative consists of a combination of in-situ injection to treat contaminated soil within the defined AOCs, and an engineering control in the form of the subslab vapor control system that will be installed beneath the hotel footprint.

It is important to note that the four (4) foot deep footprint beneath the hotel is not included in the assessment. The reason is because the footprint would have to be excavated for the purposes of construction, the cost for this activity is not included in the remediation alternative.

3.3.1 AOC Remediation

Subsurface contamination within the AOCs will be treated by direct-push injection of a chemical oxidation solution called Provect-OX[®]. The VOC and SVOC compounds in exceedance of BCP Restricted Residential Soil Standards are treatable with Provect-OX[®]. Provect-OX[®] is a self-activated solution that when injected is designed to degrade VOCs and SVOCs by using oxidants to facilitate conversion of these recalcitrant compounds to CO₂ and H₂O or less toxic and more

biodegradable intermediates. Provect-OX® is mixed with a ferric iron, yielding sulfate (SO_4^{2-}) and ferrate (Fe^{4+} to 6^+) radicals upon injection, both of which contribute to chemical oxidation of contaminants. Oxidation of the COCs can continue for up to 4 months.

In-situ treatment, which will take approximately 13 days to implement, is designed to initially remediate the VOC and SVOC contaminants in the immediate area of injection within the AOCs. The injection solution will migrate with groundwater flow, continuing to oxidize the contaminants for approximately four (4) months after which remediation will continue in the form of bioremediation. This process will reduce contaminant concentrations in soil and groundwater to desired levels. Over the following 6 months two sampling events will be conducted (3 months apart). The five (5) observation wells will be sampled to assess the progress of the remediation. A more detailed description of this remedy is provided in Appendix D. Alternative 2 will remediate VOCs/SVOCs in soil by reducing the existing contaminant concentrations with a goal of achieving compliance with BCP RR SCOs. The AOCs are defined by the elevated levels of contaminants (VOCs/SVOCs) in the soil and/or groundwater samples collected during the remedial investigation and more recently as described in Section 1.5.

3.3.2 Site Cover System

With the exception of perimeter grassy areas, parking lot medians, and the remaining fenced-in drainage swale on the SUN-2 parcel, the entire area will be paved. The asphalt pavement serves as a site cover (surface cap), which limits exposure of subsurface contaminants to the aboveground environment as well the intrusion of stormwater into the groundwater across the site. Currently there is clean subbase stone and gravel beneath the asphalt surface. Where the asphalt is cut to accommodate the medians in the hotel parking lot, the existing gravel subbase material and top soil will be used to achieve the two (2) feet of fill. All other perimeter grassy areas within the project site boundary will be covered with two (2) feet of clean fill.

3.3.3 Vapor Control System

The primary objective of the vapor control system (VCS) is to prevent vapors from entering any occupied space within the hotel. The VCS prevents vapor contaminants from entering the building footprint by diffusion where vapor molecules move to areas of lower pressure gradients. The VCS will contain a positive pressure zone sandwiched between an impermeable layer and the concrete floor slab. Positive pressure air will be injected into the zone at a level above atmospheric. The pressure will be monitored and maintained year-round. Potential subsurface contaminant vapors, which migrate by diffusion, cannot penetrate a zone of higher pressure. A detailed description of this remedy is provided in Appendix C.

3.3.4 Environmental Easement

Site 7 will have an environmental easement that will include both an institutional and an engineering control. The institutional control will address a restriction on the use of groundwater on the Site. Destiny does not require access to groundwater beneath the Site as they are connected to an existing municipal water supply system. Under these circumstances, the groundwater presents no threat to human health or the environment. The engineering control will address the operation and maintenance of the Vapor Control System beneath the hotel building footprint.

Assessment

This alternative is protective of human health and reduces the volume of contamination at the site by treating in-situ soil and groundwater in the AOCs. The entire area outside of the building footprint will be paved save for landscaped areas which will have one foot of clean soil placed over the subbase. The chemical oxidation process will take approximately 13 days to complete. Next there will be two groundwater sampling events of the five observation wells. The vapor control system will be completed along with completion of the hotel.

During implementation of the remedies short term risks for workers, the community and the environment would include dermal exposure and some potential for contaminant migration during the excavation of the building footprint. The in-situ treatment technology to be implemented in the AOCs will minimize exposure to workers and the public.

The adjacent properties are occupied by major highways and do not represent sensitive receptor areas. The remedies are effective in the long term because the subslab mitigation system will be a continuous year round operation and the in-situ treatment is designed to work over an extended time-release period.

This alternative meets the definition of “presumptive remedy” as per DER-10 guidelines. It is readily implementable through use of standard equipment such as compressors, drill rigs, injection pumps, etc. An environmental easement which will restrict the use of site groundwater will be included with the remedy.

The alternative is also consistent with the proposed land use. Based on current zoning plans, the hotel with adjacent parking is consistent with the surrounding business.

3.4 COST

3.4.1 Vapor Mitigation System

A breakdown of costs for the installation of the system is not available. A lump sum cost of installation is provided.

Vapor Mitigation Estimated Cost

Description	Quantity	Units	Cost	Total
Vapor Control System	1	LS	\$250,000	\$250,000

3.4.2 In-Situ Chemical Oxidation (ISCO)

The cost estimate for implementing the ISCO treatment system is approximately \$125,000 as shown in the table below. The cost described below assumes one initial application of the chemical oxidation treatment is sufficient to reduce the concentration of the existing chemicals of concern. Confirmation of the effectiveness of the mitigation will be assessed by sampling the down gradient monitoring wells incorporated in the design. The results of the sampling will determine whether the process is successfully achieving the goal of reducing contamination in the source zone.

In-Situ Treatment Estimated Cost

Description	Quantity	Cost
Drill Rig & Crew	13 days	\$20,000
Chemical Oxidation Solution Provect-OX [®]	19,500 lbs.	\$39,770
New Observation Wells	3 wells	\$6,849
Environmental Oversight and Project Management	13 days	\$13,000
In-Situ \$79,619		Total
Total \$329,619	for	Alternative 2

Operation and Maintenance costs are provided in Section 7.4.

3.5 ALTERNATIVES ANALYSIS FINDINGS SUMMARY

Alternative 2 presents a viable solution to accommodate both site construction and provide protection of human health and the environment. It is preferred because it achieves the BCP RR SCO and RAOs by being most implementable, eliminates public exposure to contaminants, has a high probability of success, and has the added benefit of being cost effective. For these reasons, Alternative 2 - In-Situ Treatment of the Area of Concern (AOC) and Sub-Slab Vapor Control System beneath the Building Footprint and Site Cover is the selected alternative.

4.0 SUMMARY OF SELECTED REMEDY

4.1 INTRODUCTION

Each of the two alternatives meet the RAOs either by direct removal, treatment, mitigation through institutional and engineering controls, or a combination of these consistent with the hierarchy of source removal and control measures set forth in 375-1.8(c). As demonstrated in the previous sections, Alternative 1 does not meet the evaluation criteria for implementability and cost effectiveness.

Alternative 2 presents an implementable and cost effective solution. It is preferred because it achieves the RAOs, is most implementable, eliminates public exposure to contaminants, has a good probability of success, and has the added benefit of being cost effective.

The selected remedy meets the criteria provided by the BCP program, including the protection of public health and the environment. An easement to restrict groundwater use will be in place at the Site, and will be maintained with the selected remedy for the Site as long as necessary.

4.2 DESCRIPTION OF SELECTED REMEDY

Alternative 2 - In-Situ Treatment of the Area of Concern (AOC), Sub-Slab Vapor Control System beneath the Building Footprint, and Site Cover

There are two distinct tasks included in Alternative 2. One is to address the potential for vapor intrusion by installing a vapor control system (VCS) below the proposed building footprint and mitigating the potential exposure from subsurface vapors. The second is to address contamination outside the footprint in the Areas of Concern (AOCs).

4.2.1 In-Situ Chemical Oxidation (ISCO) Treatment of the Areas of Concern

Remedial treatment will be applied to the identified Areas of Concern (AOCs) (See Figure 4D). The AOCs are being treated to address elevated levels of VOCs/SVOCs in the soil. An institutional control in the form of an environmental easement will restrict the use of groundwater and will meet the RAOs by rendering the site protective of public health and the environment.

Figures 4B and 4C present the results of all sampling conducted on Site 7 in 2013 and 2016. A generic AOC was identified in the 2015 RIR (Figure 4A) and the recent results were used to define more specific AOCs with soil and groundwater contamination. These AOCs represent approximately 11,000 square feet of ground surface. Depth of contamination generally ranges from 4-12 feet bgs. For system design purposes, an 8 foot vertical interval is assumed for each AOC. This results in a volume of approximately 3000 cubic yards (3,750 tons) to be treated.

The in-situ treatment will include injections of oxidizing solutions designed to address both VOCs and SVOCs contaminant concentrations present.

Chemical Oxidants (Provect-OX[®]) will be injected at 2 foot intervals at depths ranging from 4-12 feet bgs. Depth of the injections is dependent on the contaminant levels identified throughout the investigation. A complete description of the chemical oxidation process to be employed at this site including, oxidation chemicals, design plan, cost, and performance effectiveness can be found in Appendix D.

4.2.2 Sub-Slab Vapor Control System

The vapor control system isolates and prevents the migration of subsurface vapor phase contaminants into the enclosed occupied building spaces, and provide protection with two complimentary systems: passive control consisting of a continuous impermeable (primary) membrane and active control consisting of a sub-slab pressurized space. The continuous impermeable membrane provides a physical barrier to migration of vapors originating below the building footprint. A continuous zone of positive pressure (above atmospheric) below the floor slab and above the impermeable membrane, completely inhibits any potential movement of ground source vapor in an upward direction toward the floor slab, thereby providing redundant control and protection of the occupied space inside the building. A complete description of the design and system verification process of the vapor control system is provided in Appendix C.

5.0 REMEDIAL CONSTRUCTION ACTIVITIES/SITE MANAGEMENT PLAN

The Site 7 RWP provides that remedial construction activities include pre-mobilization work such as obtaining any necessary permits, followed by mobilization to Site 7, site preparation, traffic control, security, health and safety planning, air monitoring implementation, off-site transportation and disposal of waste, construction of a storm water detention system. A description of the remedial construction activities are as follows.

5.1 CONSTRUCTION HEALTH AND SAFETY PLAN

A site specific Health and Safety Plan (HASP) has been prepared and is attached as Appendix A. All contractors and subcontractors performing work on Site 7 are required to read and comply with the requirements of the HASP.

5.2 COMMUNITY HEALTH AND SAFETY

5.2.1 Community Air Monitoring

The selected remedy includes a Community Air Monitoring Plan (CAMP) providing real-time and continuous volatile organic compound and particulate monitoring during all ground intrusive activities including grading and excavations.

Section 6.1 of the Site HASP outlines the Community Air monitoring Program required for Site 7 to implement this remedy.

5.2.2 Site Access and Traffic Control

See sections 3.0 and 6.0 of the HASP for information regarding site access and designation of responsibilities.

5.3 DATA QUALITY OBJECTIVES, QUALITY ASSURANCE/QUALITY CONTROL PLAN (QA/QC)

5.3.1 Data Quality Objectives

Analytical results are reviewed with respect to laboratory compliance with EPA methods and reporting, and with the NYSDEC Analytical Services Protocol. All analytical data packages will be provided to NYSDEC in Category A (as defined by ASP) deliverable format as part of the Site 7 Final Engineering Report (Site 7 FER).

Data quality is reviewed to ensure that the analytical results are indicative of the quality of the media that have been sampled and the environmental conditions from the locations at which the samples were obtained.

The data quality review ensures that the evaluation of the data leads to a proper determination of the significance of the results and determination of any additional remedial measures that might be required. Appendix B contains a complete QA/QC Plan for the remedial activities at Site 7.

5.3.2 Quality Assurance/Quality Control

A significant number of sub-surface soil samples were collected during the remedial investigation of Site 7. The soil sampling included 33 soil borings at multiple depths and below the groundwater across all of Site 7. Four samples were collected from 2 soil borings within the project footprint and 10 samples were collected across the bottom of the footprint during excavation. An additional 21 samples were collected during the supplemental sampling event to more accurately define the AOCs. The samples were analyzed for volatile organic compounds by EPA method 8260 Target Compound List (TCL), semi-volatile organic compounds by EPA method 8270 TCL, PCBs by EPA Method 8082, and methods applicable to the Metals Target Analyte List (TAL) to document residual soil contamination beneath Site 7.

5.3.2.1 General QA/QC

It is appropriate for the selected laboratory to perform all analyses in accordance with accepted EPA SW-846 methods including appropriate QA/QC samples including but not necessarily limited to blind field duplicates, matrix spike/matrix spike (MS/MSD) duplicates, and trip blanks. Laboratory analysis and procedures are generally performed by NYSDOH certified laboratories approved for performing all analysis and procedures.

5.3.2.2 Laboratory QA/QC

The Site 6 & 7 RIWP required that the laboratory analyzing the collected soil and groundwater samples perform all required internal QA/QC evaluations consistent with the EPA methods performed. Any deviations from standards, discrepancies, and data qualifications must be noted.

5.3.2.3 Data Review

Analytical results are reviewed for quality with respect to practicable quantification limits and method detection limits, including an evaluation of all QA/QC samples and the laboratory QA/QC results. A Data Usability System Report (DUSR) was provided in the Site 6 & 7 RIR.

5.3.2.4 QA/QC Air Monitoring

A professional Environmental Air Monitoring company will be used to perform the quality Assurance and Quality Control for the implemented community air monitoring.

5.3.2.5 Engineering Oversight

All remedial field activities conducted for the selected remedy are subject to supervision by an on-site qualified environmental professional, whether an employee, consultant, or contractor.

5.4 STORMWATER POLLUTION PREVENTION PLAN

The Site 7 RWP includes management of stormwater, soil erosion, and sediment control in accordance with the stormwater pollution prevention plan (“SWPPP”), submitted to the NYSDEC on March 10, 2016.

5.5 PERMITS

The construction contractor obtains federal, state, and city permits, as necessary. No permits other than those required in connection with construction have been identified.

5.6 SITE PLANS AND AS-BUILT DRAWINGS

The Site 7 RWP includes a scaled site map showing the limits of the remedial program. As-built drawings will be submitted showing the results of the construction activities as part of the Site 7 FER. The as-built drawings show the final limits and elevations of excavations, vapor control system component locations, and limits of backfill.

5.7 SITE SECURITY, CONTROL, AND ACCESS

Site security, control, and access are governed by the existing HASP, attached as Appendix A.

5.8 TRAFFIC CONTROL

Traffic control is addressed in the existing HASP, attached as Appendix A.

5.9 SITE PREPARATION AND TEMPORARY FACILITIES

Site preparation and temporary facilities are addressed in the existing HASP, attached as Appendix A.

5.10 EQUIPMENT AND MATERIAL STORAGE AND LAY DOWN AREAS

The Site 7 RWP provides for storage of equipment and materials in the contractor lay down areas (to be designated at a future time) within Site 7.

5.11 PPE, EQUIPMENT AND PERSONNEL DECONTAMINATION PROCEDURES

See Appendix A, Section 5.0 “Site Specific Health and Safety Requirements” for PPE levels, and equipment and decontamination procedures.

5.12 EXCAVATION PLAN

The Site 7 RWP includes soil excavation at the Site. It also includes monitoring and screening of excavated soils for visual or olfactory evidence of petroleum contamination, with notification to the NYSDEC in the event that petroleum contaminated soils are detected using the screening protocol. As approved by the DEC, excavated soil demonstrating PID readings greater than 100 ppm must be disposed at a permitted facility. All excavated material with a PID reading less than 100 ppm must be tested and after review and approval by the DEC, may be reused on site.

The primary excavation for the hotel footprint and site grading will exist in the 0-4 foot range with three locations (two elevator shafts and a swimming pool) expected to range from 0-10 feet below grade. The existing northern most stormwater swale is being replaced with a subsurface pipe retention system. The contractor's plan is to reuse as much construction-suitable excavated material as possible as fill in the retention system and elsewhere on site. All unused material or known contaminated material will be disposed of or treated in accordance with applicable requirements.

5.13 VAPOR, ODOR, AND DUST CONTROLS

Vapor, odor, and dust controls are addressed in the existing HASP, attached as Appendix A. As discussed in Section 4.2, the Site 7 RWP includes use of a community air monitoring plan throughout the duration of the excavation work to monitor emissions. Community air monitoring program action levels are presented in Appendix A, Section 6.1.

5.14 MATERIAL HANDLING PROCEDURES

5.14.1 Debris

In the event on-site debris such as brick, wood timbers, concrete, and metal are encountered, the handling of debris shall be consistent with the existing HASP

5.14.2 Groundwater

If groundwater is removed during excavation, it will be collected and disposed of off-site in accordance with existing regulations.

5.15 EXCAVATED SOIL STOCKPILING

Soil exhibiting petroleum contamination with a PID reading of 100 ppm or greater will be stockpiled and managed pursuant to NYSDEC directive. Stockpiled soil will ultimately be reclaimed and reused and/or disposed of in accordance with regulatory requirements.

5.16 CONTINGENCY PLANS

5.16.1 Utility Emergencies

New York State rules and regulations govern utility mark-out completion. The Site 7 RWP includes notifying Dig Safely New York for utility mark out and making utility mark out requests at least 72 hours prior to initiating fieldwork. In addition, this remedy includes review of existing utility maps and consultation of site management prior to any ground disturbance.

5.16.2 Discovery of Underground Storage Tanks or Vessels

The following procedures will be followed if any tanks, vessels, or conduits (e.g., piping containing liquids) are discovered during excavation:

- Removal and disposal of contaminants in accordance with all applicable State and Federal requirements within a schedule approved by the Department;
- Notify the NYSDEC Project Manager, Project Engineer, and environmental consultant by telephone or cellular phone within 24 hours, and e-mail of the environmental conditions;
- Photo-document identified conditions;
- A determination of the type, state, and volume of any contained material;
- If the contents cannot be identified by physical conditions, a sample will be collected for chemical analysis. Based on analytical results the Site Health and Safety Officer will determine the need for a change of PPE;
- Removal and transport for off-site disposal by an appropriate waste hauler when the contents have been identified;
- Retention of manifests for volume of product for inclusion in the Final Engineering Report;
- Appropriate cleaning, treatment, and/or disposal of structure; and
- Spill notification to NYSDEC, if applicable.

6.0 IMPLEMENTATION OF ENGINEERING AND INSTITUTIONAL CONTROLS

6.1 ENGINEERING CONTROLS

The selected remedy includes use of engineering controls (vapor barrier and positive pressure vapor control system) and institutional controls (environmental easement conforming to Article 71 Title 36 of ECL). These controls prevent exposure to any potential contaminants as discussed previously. The engineering control will be maintained pursuant to the Operations, Maintenance and Monitoring Plan (OM&M Plan) developed pursuant to the BCP requirements. A complete description of the vapor control system and verification process is provided in Appendix C.

6.4 INSTITUTIONAL CONTROLS

The Site 7 RWP provides for the implementation of institutional controls for the Site. The institutional controls will provide the necessary non-physical protections and provide notice to properly limit potential human or environmental exposure to contaminants. The institutional controls for Site 7 include establishment of an environmental easement that will:

- ensure that use of the Site is restricted to restricted residential use (as defined in the BCP) and that the engineering controls, as described herein, remain in place;
- ensure appropriate future use and that future property owners are aware of the existing conditions on Site 7;
- include a restriction prohibiting use of groundwater on Site 7;
- include required notifications prior to commencement of any ground-intrusive activities that may encounter contaminated materials. Notification of NYSDEC and any on-site workers may be required prior to excavating soil;
- include notice of and information relating to a soil management plan, identifying requirements in the event of excavation, which will be included as part of the operations and maintenance monitoring plan;
- include notice of and information relating to a health and safety plan and community air monitoring plan for use during future ground-intrusive activities, which will be described in the OM&M Plan;
- providing notice of continued periodic soil vapor intrusion monitoring on Site 7, which will be described in the OM&M Plan;
- include notice of the annual inspection program to ensure appropriate use of the Site and minimize potential for exposures, which will be described in the OM&M Plan; and

- include notice of the annual certification program requiring the owner to certify that the institutional and/or engineering controls are in place, have not been altered, and are still effective, which will be described in the OM&M Plan.

In addition to the above institutional controls, the remedy requires that the vapor barrier, vapor control system, and concrete slab installed as part of building construction serve as the engineering control for the Site.

7.0 REPORTING AND DOCUMENTATION

This Site 7 RWP involves periodic progress reporting and maintenance of project records during remedial construction to enable involved parties (e.g., overseeing engineer and project managers) to track the project with respect to schedule and the requirements of the RWP. Additionally, after completion of remedial construction, an FER, including a comprehensive report of remedial action, will be prepared.

7.1 MONTHLY PROGRESS REPORT

The Brownfield Cleanup Agreement provides that monthly Progress Reports are prepared and submitted after approval of the first work plan.

7.2 ON-SITE RECORD KEEPING/DOCUMENTATION OF ACTIVITIES

The Site 7 RWP provides that, throughout implementation of the remedial action, records are maintained by the construction contractor and/or engineer performing construction inspections to document activities completed on Site 7.

7.3 SITE 7 FINAL ENGINEERING REPORT

The remedial activities completed pursuant to this Site 7 RWP will be documented in the Site 7 FER in accordance with BCP requirements. This reporting will include the following:

1. Description of remedial actions performed;
2. Deviations from the RWP, if any;
3. Copies of records maintained during the remediation;
4. Problems encountered during construction and their resolution;
5. A discussion on the quantification and listing of waste/contaminants treated or removed from the site;
6. Detailed “as-built” drawings showing the surveyed limits of the excavation, the locations of documentation samples, construction details;
7. Copies of all records documenting off-site disposal of waste material;
8. Documentation of sampling results;
9. A summary of visual soil screening results;
10. An estimate of the volume of excavated soil which exceeded the headspace soil screening criteria;
11. A summary of laboratory analytical results of soil stockpile sampling and a compilation of laboratory analytical data reports;

12. Documentation including photographs that clearly identify the location of the stockpiles and demonstrates the effective containment of the excavated soils; and
13. The Site 7 FER will include a certification by a Professional Engineer registered in New York State, stating that the work was implemented and construction activities were completed in substantial conformance with this RWP and that the engineering and institutional controls are implemented according to state and local codes and regulations.

Additionally, the Site 7 FER will document that the remedial objectives of the Site’s remedial program have been or will be achieved.

7.4 OPERATION, MAINTENANCE, AND MONITORING (OM&M) PLAN

An OM&M Plan will be developed for Site 7 and included in the Site 7 FER to provide a detailed description of the procedures to be followed in order to properly manage any residual contamination left in place following completion of the remedial action, including operation and maintenance of the implemented engineering controls, institutional controls, monitoring of ongoing environmental conditions (soil vapor and groundwater), and compliance with applicable state regulations.

7.4.1 OM&M Cost

An estimate of the costs (in current dollars) associated with implementation of this OM&M Plan is presented below. The Developer will implement the OM&M plan as part of the maintenance and operation of the project. No financial assurances are warranted.

In-Situ Treatment

Item	Quantity	Units	Est. Unit Cost	Est. Total
Groundwater Monitoring (5 Observation Wells) <i>First Year*</i>	4	Year	\$3,000	\$12,000
<i>Annually thereafter*</i>	1	Year	\$3000	\$3,000

* Quarterly monitoring during first year only.
Reduce to once per year after successful treatment with DEC approval.

Vapor Control System

Item	Quantity	Units	Est. Unit Cost	Est. Total
Periodic Review Reports	1	Year	\$1,000	\$1,000

Estimated Annual OM&M Cost (<i>First Year</i>)	\$13,000
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8.0 PROJECT MANAGEMENT

8.1 KEY PARTICIPANTS AND RESPONSIBILITIES

Key participants involved in the remediation and development of Site 7 under the Brownfield Cleanup Program include the following:

Key Participants	Primary Responsibilities
<u>Primary Contractor:</u> Hueber-Breuer	Oversee implementation and reporting for remediation and construction in accordance with development plans. Construction inspection, record keeping, reporting.
<u>Developers:</u> Destiny USA Real Estate LLC	Procure and direct contractors and consultants for design, remedial construction and site development in accordance with approved construction documents.
<u>Regulatory Agencies:</u> New York State Department of Environmental Conservation and New York State Department of Health	Regulatory oversight.
<u>Remediation/Construction Contractor:</u> Hueber-Breuer and Spectra (ISCO treatment)	Furnish labor, material, supplies, etc., for remedial construction and site development in accordance with approved plans.
<u>Environmental Consultant:</u> Spectra Engineering, Architecture and Surveying, P.C.	Provide environmental engineering planning and field oversight with respect to mass excavation and associated soil management activities. Reporting, construction inspection, and record keeping, related to construction of the vapor barrier and vapor control system, and preparing the Final Engineering Report.

8.2 PROJECT COMMUNICATION AND MANAGEMENT

This RWP provides that project meetings occur throughout the BCP Project to discuss work progress, plan upcoming activities for the work, and discuss any unanticipated site conditions encountered. The construction contractor's superintendent is required to attend project meetings, as well as the construction contractor's Health and Safety Officer and QA/QC Officer, when discussion of issues related to their responsibilities is required.

The RWP provides that, during remedial construction, records are maintained and reports are prepared as described in Section 7.0.

TABLES

Table 1A
Site Investigation Soil Analytica Results (VOCs)
Destiny USA Site 7
June 29, 2016

VOCs	Protection of Groundwater	Restricted Residential	P1-1 (4-8) 6/30/2016 L1620368-38	DUP02 6/30/2016 L1620368-46	P1-1 (8-10) 6/30/2016 L1620368-39	P1-2 (3-4) 6/29/2016 L1620368-37	P1-3 (4-8) 6/29/2016 L1620368-28	P1-3 (8-12) 6/29/2016 L1620368-29	P1-4 (4-8) 6/29/2016 L1620368-26	P1-4 (8-12) 6/29/2016 L1620368-27	P1-5 (4-8) 6/29/2016 L1620368-24	P1-5 (8-10) 6/29/2016 L1620368-25	P2-1 (4-8) 6/30/2016 L1620368-40	DUP03 6/30/2016 L1620368-47	P2-1 (8-10) 6/30/2016 L1620368-41
1,2,4-Trimethylbenzene	3.6	52	140	24	57	4.1	18	73	6.6	13	200	8.1	220	200	5.1
1,3,5-Trimethylbenzene	8.4	52	<7 U	<2 U	<3.9 U	0.42 J	5.8	25	0.13 J	2.1	70	0.18 J	1.1 J	1.4 J	0.025 J
2-Butanone	0.12	100	<14 U	<3.9 U	<7.8 U	<3 U	<1.5 U	<7.4 U	<1.8 U	<0.9 U	<21 U	<0.86 U	<17 U	<23 U	<0.9 U
Acetone	0.05	100	<14 U	<3.9 U	<7.8 U	<3 U	<1.5 U	<7.4 U	<1.8 U	<0.9 U	<21 U	<0.86 U	<17 U	<23 U	<0.9 U
Benzene	0.06	4.8	0.74 J	0.47	0.54 J	2.3	<0.15 U	0.6 J	0.21	0.29	0.88 J	0.055 J	1.3 J	0.85 J	0.07 J
Carbon disulfide	2.7		<14 U	<3.9 U	<7.8 U	<3 U	<1.5 U	<7.4 U	<1.8 U	<0.9 U	<21 U	<0.86 U	<17 U	<23 U	<0.9 U
Chloromethane			<7 U	<2 U	<3.9 U	<1.5 U	<0.74 U	<3.7 U	<0.92 U	<0.45 U	<10 U	<0.43 U	<8.4 U	<11 U	<0.45 U
cis-1,2-Dichloroethene	0.25	100	<1.4 U	<0.39 U	<0.78 U	<0.3 U	<0.15 U	<0.74 U	<0.18 U	<0.09 U	<2.1 U	<0.086 U	<1.7 U	<2.3 U	<0.09 U
Cyclohexane			36	1.3 J	18	<6.1 U	2.5 J	11 J	1.8 J	8.5 J	34 J	0.22 J	68	48	1.7 J
Ethylbenzene	1	41	<1.4 U	0.15 J	0.2 J	3.5	2.8	20	0.4	1.7	24	0.14	2.6	2.3	0.086 J
Isopropylbenzene	2.3		6.7	0.97	2.8	0.84	0.49	2.3	0.4	1	6.4	0.23	7.7	6.8	0.44
Methyl Acetate			<28 U	<7.9 U	<16 U	<6.1 U	<3 U	<15 U	<3.7 U	<1.8 U	<41 U	1.4 J	<34 U	<46 U	<1.8 U
Methyl cyclohexane			150	3.7	48	3.8	9.9	30	6.5	23	140	0.68	160	130	4.1
Methyl tert butyl ether	0.93	100	<2.8 U	<0.79 U	<1.6 U	<0.61 U	<0.3 U	<1.5 U	<0.37 U	<0.18 U	<4.1 U	<0.17 U	<3.4 U	<4.6 U	<0.18 U
Methylene chloride	0.05	100	<14 U	<3.9 U	<7.8 U	0.35 J	<1.5 U	<7.4 U	<1.8 U	<0.9 U	<21 U	<0.86 U	<17 U	<23 U	<0.9 U
n-Butylbenzene	12	100	5.3	0.43	1.6	0.3 U	0.89	2.3	0.38	0.7	7.5	0.13	6.5	6.9	0.2
n-Propylbenzene	3.9	100	13	1.9	5.4	2.1	1.4	6.1	0.68	1.8	16	0.64	20	18	0.45
o-Xylene			<2.8 U	<0.79 U	<1.6 U	<0.61 U	0.75	5	0.064 J	0.14 J	2.5 J	0.046 J	2.2 J	1.8 J	0.025 J
p/m-Xylene			18	3.1	1.9	4.2	8.5	60	0.75	4.7	79	0.57	63	56	1.1
Toluene	0.7	100	0.44 J	0.14 J	0.16 J	1.9	0.12 J	1 J	0.092 J	0.31	1.3 J	0.028 J	0.54 J	<3.4 U	<0.14 U
Total Xylenes	1.6	100	18	3.1	1.9	4.2	9.25	65	0.814	4.84	81.5	0.616	65.2	57.8	1.125

VOCs	Protection of Groundwater	Restricted Residential	P2-2 (4-8) 6/30/2016 L1620368-42	P2-2 (8-10) 6/30/2016 L1620368-43	P2-3 (4-8) 6/30/2016 L1620368-48	P2-3 (8-10) 6/30/2016 L1620368-44	P3-1 (0-4) 6/29/2016 L1620368-01	P3-1 (12-16) 6/29/2016 L1620368-04	P3-1 (4-8) 6/29/2016 L1620368-02	P3-1 (8-12) 6/29/2016 L1620368-03	P3-2 (4-8) 6/29/2016 L1620368-20	DUP01 6/29/2016 L1620368-45	P3-2 (8-10) 6/29/2016 L1620368-21	P3-3 (4-8) 6/29/2016 L1620368-17	P3-3 (8-10) 6/29/2016 L1620368-18
1,2,4-Trimethylbenzene	3.6	52	0.0024 J	0.027	0.00071 J	0.074	0.39	42	130	53	25	44	35	120	66
1,3,5-Trimethylbenzene	8.4	52	0.00069 J	0.0074	<0.0073 U	0.00098 J	0.062 J	10	1.9 J	1.5 J	1.7 J	1.8	9	44	16
2-Butanone	0.12	100	0.006 J	<0.014 U	0.02	<0.021 U	<0.58 U	<3.6 U	<14 U	<4.2 U	<3.8 U	<0.9 U	<1.9 U	<16 U	<8.8 U
Acetone	0.05	100	0.024	0.017	0.075	0.036	0.26 J	<3.6 U	<14 U	<4.2 U	<3.8 U	0.18 J	<1.9 U	<16 U	<8.8 U
Benzene	0.06	4.8	0.00048 J	0.0015	0.0011 J	0.12	0.13	0.79	0.31	0.11 J	<0.38 U	0.045 J	0.27	<1.6 U	0.46 J
Carbon disulfide	2.7		0.0046 J	0.0024 J	<0.014 U	<0.021 U	<0.58 U	<3.6 U	<14 U	<4.2 U	<3.8 U	<0.9 U	<1.9 U	<16 U	<8.8 U
Chloromethane			<0.0067 U	<0.007 U	<0.0073 U	<0.01 U	0.034 J	0.28 J	1.2 J	0.28 J	<1.9 U	<0.45 U	<0.94 U	<8.1 U	<4.4 U
cis-1,2-Dichloroethene	0.25	100	<0.0013 U	<0.0014 U	<0.0014 U	<0.0021 U	<0.058 U	<0.36 U	<1.4 U	<0.42 U	<0.38 U	<0.09 U	<0.19 U	<1.6 U	<0.88 U
Cyclohexane			0.00043 J	0.0072 J	0.0016 J	0.12	0.4 J	29	63	14	2.8 J	8.6	12	28 J	28
Ethylbenzene	1	41	0.00059 J	0.0027	0.00029 J	0.0012 J	0.36	11	28	9.2	2.1	2.8	8	16	16
Isopropylbenzene	2.3		0.00042 J	0.0032	0.022	0.059	1.1	1.8	5.4	2	0.74	1.6	1.2	3.7	2.8
Methyl Acetate			<0.027 U	<0.028 U	<0.029 U	<0.042 U	0.13 J	<7.1 U	<28 U	<8.3 U	<7.6 U	<1.8 U	<3.8 U	<32 U	<18 U
Methyl cyclohexane			0.0015 J	0.016	0.0034 J	0.035	1.6	60	140	31	12	34	28	83	71
Methyl tert butyl ether	0.93	100	0.00014 J	0.001 J	0.00023 J	0.0033 J	<0.12 U	<0.71 U	<2.8 U	<0.83 U	<0.76 U	<0.18 U	<0.38 U	<3.2 U	<1.8 U
Methylene chloride	0.05	100	<0.013 U	<0.014 U	<0.014 U	<0.021 U	<0.58 U	<3.6 U	<14 U	<4.2 U	<3.8 U	<0.9 U	<1.9 U	<16 U	<8.8 U
n-Butylbenzene	12	100	<0.0013 U	0.0006 J	<0.0014 U	0.00046 J	0.31	1.9	5.2	1.7	0.95	2.3	1.1	3.5	2.2
n-Propylbenzene	3.9	100	0.00044 J	0.0026	0.0013 J	0.012	2	4.7	14	5.5	1.8	4.3	2.9	8.2	5.3
o-Xylene			0.00049 J	0.005	<0.0029 U	0.00079 J	0.038 J	0.53 J	0.7 J	0.32 J	0.14 J	0.22	0.5	30	8.2
p/m-Xylene			0.0016 J	0.011	0.00052 J	0.0079	0.37	20	35	12	5.3	6.7	22	88	48
Toluene	0.7	100	0.00085 J	0.0022	<0.0022 U	0.0011 J	0.25	0.44 J	0.77 J	0.24 J	<0.57 U	<0.14 U	0.3	5.1	6.7
Total Xylenes	1.6	100	0.00209	0.016	0.00052	0.00869	0.408	20.53	35.7	12.32	5.44	6.92	22.5	118	56.2

Table 1A
Site Investigation Soil Analytica Results (VOCs)
Destiny USA Site 7
June 29, 2016

VOCs	Protection of Groundwater	Restricted Residential	P3-3 (12-14) 6/29/2016 L1620368-19	P3-4 (6-8) 6/29/2016 L1620368-15	P3-4 (10-12) 6/29/2016 L1620368-16	P3-5 (6-8) 6/29/2016 L1620368-14	P3-6 (4-8) 6/29/2016 L1620368-12	P3-6 (8-12) 6/29/2016 L1620368-13	P3-7 (4-8) 6/29/2016 L1620368-10	P3-7 (8-12) 6/29/2016 L1620368-11	P3-8 (4-8) 6/29/2016 L1620368-09	P3-9 (0-4) 6/29/2016 L1620368-05	P3-9 (4-8) 6/29/2016 L1620368-06	P3-9 (12-16) 6/29/2016 L1620368-08	P3-9 (8-12) 6/29/2016 L1620368-07
1,2,4-Trimethylbenzene	3.6	52	2.9	56	50	53	96	150	23	220	<1.6 U	0.0052 J	73	0.027	0.66
1,3,5-Trimethylbenzene	8.4	52	1	18	4	23	6.4	59	<0.77 U	84	<1.6 U	0.0016 J	8.7	0.0098	0.14 J
2-Butanone	0.12	100	<0.7 U	<4 U	<5.8 U	<3.9 U	<7.9 U	<11 U	<1.5 U	<20 U	<3.2 U	<0.011 U	<4.2 U	<0.016 U	<0.78 U
Acetone	0.05	100	<0.7 U	<4 U	<5.8 U	<3.9 U	<7.9 U	<11 U	<1.5 U	<20 U	<3.2 U	0.044	<4.2 U	0.031	<0.78 U
Benzene	0.06	4.8	0.12	<0.4 U	0.15 J	1.6	<0.79 U	<1.1 U	<0.15 U	<2 U	<0.32 U	0.003	0.66	0.00024 J	<0.078 U
Carbon disulfide	2.7		<0.7 U	<4 U	<5.8 U	<3.9 U	<7.9 U	<11 U	<1.5 U	<20 U	<3.2 U	<0.011 U	<4.2 U	<0.016 U	<0.78 U
Chloromethane			<0.35 U	<2 U	<2.9 U	<1.9 U	<4 U	<5.5 U	<0.77 U	<10 U	<1.6 U	<0.006 U	0.32 J	<0.0081 U	<0.39 U
cis-1,2-Dichloroethene	0.25	100	<0.07 U	<0.4 U	<0.58 U	<0.39 U	<0.79 U	<1.1 U	<0.15 U	<2 U	<0.32 U	0.0003 J	<0.42 U	<0.0016 U	<0.078 U
Cyclohexane			1.8	7.6 J	8.3 J	10	34	40	6.2	56	<6.4 U	0.0037 J	26	0.012 J	0.26 J
Ethylbenzene	1	41	0.5	3.1	4.6	9.7	19	41	0.69	70	<0.32 U	0.0023	16	0.0016	0.062 J
Isopropylbenzene	2.3		0.12	1.4	1.6	1.4	3.1	4.8	0.55	6.9	0.36	0.0033	3.1	0.0017	0.058 J
Methyl Acetate			1.4	<8.1 U	<12 U	<7.7 U	<16 U	<22 U	<3.1 U	<40 U	<6.4 U	<0.023 U	<8.5 U	<0.032 U	2.6
Methyl cyclohexane			5.2	34	31	31	110	99	26	130	5.7	0.01	58	0.028	0.8
Methyl tert butyl ether	0.93	100	<0.14 U	<0.81 U	<1.2 U	<0.77 U	<1.6 U	<2.2 U	<0.31 U	<4 U	<0.64 U	<0.002 U	<0.85 U	<0.0032 U	<0.16 U
Methylene chloride	0.05	100	<0.7 U	<4 U	<5.8 U	<3.9 U	<7.9 U	<11 U	<1.5 U	<20 U	<3.2 U	<0.011 U	<4.2 U	<0.016 U	<0.78 U
n-Butylbenzene	12	100	0.16	<0.4 U	1.7	<0.39 U	5.3	5.8	0.25	7.4	<0.32 U	0.0008 J	3.2	0.0015 J	0.05 J
n-Propylbenzene	3.9	100	0.31	3.2	3.4	3.4	8.7	13	0.86	19	0.15 J	0.0015	8	0.0045	0.14
o-Xylene			0.28	0.18 J	0.61 J	26	3.2	8.9	0.19 J	18	<0.64 U	0.0006 J	0.51 J	<0.0032 U	<0.16 U
p/m-Xylene			1.9	8	15	67	30	120	1.4	270	0.084 J	0.0038	20	0.002 J	0.056 J
Toluene	0.7	100	0.11	<0.61 U	<0.87 U	8.8	0.41 J	2.2	0.032 J	8.2	<0.48 U	0.0009 J	0.28 J	0.00032 J	0.016 J
Total Xylenes	1.6	100	2.18	8.18	15.61	93	33.2	128.9	1.59	288	0.084	0.0044	20.51	0.002	0.216

VOCs	Protection of Groundwater	Restricted Residential	P3-10 (4-8) 6/29/2016 L1620368-22	P3-10 (8-10) 6/29/2016 L1620368-23	P4-1 (0-4) 6/29/2016 L1620368-30	P4-1 (4-8) 6/29/2016 L1620368-31	P4-2 (2-4) 6/29/2016 L1620368-32	P4-2 (4-6) 6/29/2016 L1620368-33	P4-3 (2-4) 6/29/2016 L1620368-34	P4-3 (4-6) 6/29/2016 L1620368-36
1,2,4-Trimethylbenzene	3.6	52	140	160	0.00086 J	0.19 J	0.0011 J	0.0064 J	0.0066	6.8
1,3,5-Trimethylbenzene	8.4	52	18	56	0.00054 J	0.022 J	0.00039 J	0.0011 J	0.0023 J	2.5
2-Butanone	0.12	100	<18 U	<19 U	<0.011 U	<1.2 U	0.01 J	0.029	0.0094 J	<0.96 U
Acetone	0.05	100	<18 U	<19 U	0.0078 J	<1.2 U	0.047	0.11	0.05	<0.96 U
Benzene	0.06	4.8	0.29 J	<1.9 U	0.00082 J	0.17	0.0029	0.01	0.01	1.1
Carbon disulfide	2.7		<18 U	<19 U	0.0012 J	<1.2 U	0.0015 J	0.0044 J	0.003 J	<0.96 U
Chloromethane			<9 U	<9.4 U	<0.0055 U	<0.58 U	<0.0053 U	<0.012 U	<0.0058 U	<0.48 U
cis-1,2-Dichloroethene	0.25	100	<1.8 U	<1.9 U	<0.0011 U	<0.12 U	<0.0011 U	<0.002 U	<0.0012 U	<0.096 U
Cyclohexane			17 J	35 J	<0.022 U	0.67 J	<0.021 U	<0.048 U	<0.023 U	0.17 J
Ethylbenzene	1	41	12	38	0.00066 J	0.031 J	0.0013	0.0047	0.0058	1.4
Isopropylbenzene	2.3		3.7	5.4	<0.0011 U	0.37	<0.0011 U	0.0039	0.00047 J	0.32
Methyl Acetate			<36 U	<37 U	<0.022 U	<2.3 U	<0.021 U	<0.048 U	<0.023 U	<1.9 U
Methyl cyclohexane			60	92	0.00072 J	0.91	0.0009 J	0.0027 J	0.00047 J	0.68
Methyl tert butyl ether	0.93	100	<3.6 U	<3.7 U	<0.0022 U	<0.23 U	<0.0021 U	<0.005 U	<0.0023 U	<0.19 U
Methylene chloride	0.05	100	<18 U	<19 U	0.0015 J	0.16 J	0.0017 J	0.0041 J	0.0014 J	<0.96 U
n-Butylbenzene	12	100	5.9	5.7	0.00019 J	0.073 J	<0.0011 U	<0.002 U	<0.0012 U	0.89
n-Propylbenzene	3.9	100	9.2	14	0.00028 J	0.38	0.00024 J	0.0053	0.0015	1.3
o-Xylene			2.1 J	28	0.00029 J	<0.23 U	0.00031 J	0.0016 J	0.0019 J	0.46
p/m-Xylene			17	120	0.0008 J	0.078 J	0.0024	0.0062	0.012	4.5
Toluene	0.7	100	0.67 J	8.7	<0.0016 U	<0.18 U	0.00084 J	0.0012 J	0.0026	0.63
Total Xylenes	1.6	100	19.1	148	0.00109	0.078	0.00271	0.0078	0.0139	4.96

NOTES:

1. Samples were collected by Spectra and submitted to Alpha Analytical for analysis.
2. All data in ppm.
3. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
4. RED = Exceedance of Restricted Residential Use Criteria.
5. BLUE = Exceedance of Protection of Groundwater criteria.

Data Qualifiers

7. J: Indicates an estimated value less than the reporting limit.

Table 1B
Site Investigation Soil Analytica Results (SVOCs)
Destiny USA Site 7
June 29, 2016

SVOCs	Protection of Groundwater	Restricted Residential	P4-1 (0-4) 6/29/2016 L1620368-30	P4-2 (2-4) 6/29/2016 L1620368-32	P4-2 (4-6) 6/29/2016 L1620368-33	P4-3 (2-4) 6/29/2016 L1620368-34	P4-3 (4-6) 6/29/2016 L1620368-36
2-Methylnaphthalene	36.4		0.68	0.23	0.31	2.3	1.4
3-Methylphenol/4-Methylphenol	0.33	100	0.093 J	<0.26 U	0.055 J	<2.8 U	<0.28 U
Acenaphthene	98	100	0.22	0.15	0.15 J	0.26 J	<0.16 U
Acenaphthylene	107	100	1.3	0.86	0.51	4	<0.16 U
Anthracene	1000	100	1.7	0.9	0.78	1.5	0.052 J
Benzo(a)anthracene	1	1	4.5	3.1	2.4	9.1	0.14
Benzo(a)pyrene	22	1	4.9	3.5	2.5	17	0.12 J
Benzo(b)fluoranthene	1.7	1	6.7	4.5	3.2	20	0.14
Benzo(ghi)perylene	1000	100	3.2	2.2	1.5	14	0.068 J
Benzo(k)fluoranthene	1.7	3.9	2	1.5	1.2	7	0.054 J
Biphenyl			0.13 J	<0.42 U	<0.45 U	<4.4 U	<0.45 U
Caprolactam			<0.19 U	<0.18 U	0.081 J	<2 U	<0.2 U
Carbazole			0.69	0.19	0.22	0.37 J	0.034 J
Chrysene	1	3.9	4.8	3	2.3	10	0.13
Dibenzo(a,h)anthracene	1000	0.33	0.93	0.56	0.48	3.4	<0.12 U
Dibenzofuran	6.2	59	0.58	0.18	0.23	0.45 J	<0.2 U
Fluoranthene	1000	100	7.1	5.2	4.3	6.1	0.23
Fluorene	386	100	0.72	0.28	0.25	0.57 J	0.056 J
Indeno(1,2,3-cd)pyrene	8.2	0.5	3.6	2.5	1.7	14	0.074 J
Naphthalene	12	100	1.6	0.39	0.51	2.8	1.7
Phenanthrene	1000	100	5.1	1.9	2	2.5	0.2
Pyrene	1000	100	7.5	4.5	3.8	6.3	0.26

NOTES:

1. Samples were collected by Spectra and submitted to Alpha Analytical for analysis.
2. All data in ppm.
3. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
4. **RED** = Exceedance of Restricted Residential Use Criteria.
5. **BLUE** = Exceedance of Protection of Groundwater criteria.

Data Qualifiers

7. J: Indicates an estimated value less than the reporting limit.

Table 1C
Site Investigation Soil Analytica Results (Metals)
Destiny USA Site 7
June 29, 2016

Metals	Protection of Groundwater	Restricted Residential	P1-1 (4-8) 6/30/2016 L1620368-38	DUP02 6/30/2016 L1620368-46	P1-1 (8-10) 6/30/2016 L1620368-39	P1-2 (3-4) 6/29/2016 L1620368-37	P1-3 (4-8) 6/29/2016 L1620368-28	P1-3 (8-12) 6/29/2016 L1620368-29	P1-4 (4-8) 6/29/2016 L1620368-26	P1-4 (8-12) 6/29/2016 L1620368-27	P1-5 (4-8) 6/29/2016 L1620368-24
Antimony			<2.7 U	<3.4 U	<3.5 U	<2.3 U	<2.4 U	<3.6 U	<3.6 U	<3.4 U	<3.2 U
Arsenic	16	16	2.1	2.5	16	0.31 J	4.5	0.49 J	7.2	26	4
Beryllium	47	72	<0.27 U	<0.34 U	0.18 J	0.39	0.2 J	<0.36 U	<0.36 U	<0.34 U	0.13 J
Cadmium	7.5	4.3	0.16 J	<0.68 U	2.3	0.3 J	<0.47 U	<0.71 U	<0.72 U	3.1	0.39 J
Chromium			1.5	0.81	9	22	13	2.9	4.1	19	8.5
Copper	1720	270	21	3.5	110	11	14	7.1	14	940	27
Lead	450	400	32	0.57 J	170	5.2	12	2.8 J	22	190	180
Mercury	0.73	0.81	<0.1 U	<0.11 U	<0.12 U	0.04 J	<0.08 U	<0.13 U	0.05 J	0.06 J	0.14
Nickel	130	310	3.8	3.6	11	33	17	5.3	11	12	11
Selenium	4	180	2.2	2	1.2 J	0.94 U	0.95 U	1.6	1.4	2.2	1.3
Silver	8.3	180	<0.55 U	<0.68 U	<0.71 U	<0.47 U	<0.47 U	<0.71 U	<0.72 U	<0.69 U	<0.65 U
Thallium			<1.1 U	<1.4 U	<1.4 U	<0.94 U	<0.95 U	<1.4 U	<1.4 U	<1.4 U	<1.3 U
Zinc	2480	10000	150	53	480	640	34	38	210	770	1300

Metals	Protection of Groundwater	Restricted Residential	P1-5 (8-10) 6/29/2016 L1620368-25	P2-1 (4-8) 6/30/2016 L1620368-40	DUP03 6/30/2016 L1620368-47	P2-1 (8-10) 6/30/2016 L1620368-41	P2-2 (8-10) 6/30/2016 L1620368-43	P2-3 (4-8) 6/30/2016 L1620368-48	P2-3 (8-10) 6/30/2016 L1620368-44	P3-1 (0-4) 6/29/2016 L1620368-01	P3-1 (4-8) 6/29/2016 L1620368-02
Antimony			<3.6 U	<3.3 U	<3.6 U	<3.8 U	<3 U	<3.2 U	<4.5 U	3.8	<3.2 U
Arsenic	16	16	0.56 J	5.9	4.2	4.5	3.1	1.2	5.4	71	8.4
Beryllium	47	72	<0.36 U	<0.33 U	<0.36 U	<0.38 U	0.16 J	<0.32 U	<0.45 U	0.85	<0.32 U
Cadmium	7.5	4.3	<0.71 U	0.9	<0.72 U	<0.75 U	<0.6 U	2.1	2	53	0.89
Chromium			0.25 J	5.5	1	0.17 J	7.7	0.3 J	1.8	6.2	1.4
Copper	1720	270	1.6	26	1.6	0.94	13	2.7	39	1400	38
Lead	450	400	0.66 J	60	0.53 J	0.2 J	23	25	70	1600	52
Mercury	0.73	0.81	<0.12 U	0.16	<0.12 U	<0.13 U	0.11	0.05 J	<0.15 U	0.62	<0.11 U
Nickel	130	310	2.4	8.3	3.1	3.1	9.1	2.1	3.3	36	41
Selenium	4	180	2.1	2.4	2.4	1.3 J	0.57 J	0.58 J	0.53 J	0.34 J	1 J
Silver	8.3	180	<0.71 U	<0.66 U	<0.72 U	<0.75 U	<0.6 U	<0.63 U	<0.89 U	3.8	0.18 J
Thallium			<1.4 U	<1.3 U	<1.4 U	<1.5 U	0.21 J	0.22 J	0.28 J	1.2	0.28 J
Zinc	2480	10000	110	2600	450	560	180	840	850	16000	6300

Metals	Protection of Groundwater	Restricted Residential	P3-1 (8-12) 6/29/2016 L1620368-03	P3-1 (12-16) 6/29/2016 L1620368-04	P3-2 (4-8) 6/29/2016 L1620368-20	DUP01 6/29/2016 L1620368-45	P3-2 (8-10) 6/29/2016 L1620368-21	P3-3 (12-14) 6/29/2016 L1620368-19	P3-3 (4-8) 6/29/2016 L1620368-17	P3-3 (8-10) 6/29/2016 L1620368-18	P3-4 (6-8) 6/29/2016 L1620368-15
Antimony			2 J	<3 U	<4.6 U	<4 U	<3.6 U	<2.6 U	<3.6 U	<4 U	<3.8 U
Arsenic	16	16	48	3.3	0.99	<0.8 U	0.629 J	3.7	2.4	1.9	1.1
Beryllium	47	72	0.35 J	0.08 J	<0.46 U	<0.4 U	<0.36 U	<0.26 U	<0.36 U	<0.4 U	<0.38 U
Cadmium	7.5	4.3	27	0.08 J	<0.92 U	<0.8 U	<0.72 U	<0.53 U	<0.72 U	<0.8 U	<0.77 U
Chromium			8.8	3.5	1	0.74 J	4.8	1.1	2.2	1.4	0.59 J
Copper	1720	270	660	20	1.1	0.95	15	0.74	6.7	2.8	1.8
Lead	450	400	1000	17	<4.6 U	<4 U	2.9 J	<26 U	5.6	2.1 J	<3.8 U
Mercury	0.73	0.81	0.56	<0.1 U	<0.15 U	<0.13 U	<0.12 U	<0.09 U	<0.12 U	<0.13 U	<0.13 U
Nickel	130	310	23	6.6	4.6	4.7	8.8	0.86 J	8.7	15	4
Selenium	4	180	1.4 J	0.46 J	2.5	2.8	2	0.49 J	2.1	2.6	2.8
Silver	8.3	180	2.3	<0.61 U	<0.92 U	<0.8 U	<0.72 U	<0.53 U	<0.72 U	<0.8 U	<0.77 U
Thallium			0.77 J	<1.2 U	0.4 J	0.38 J	<1.4 U	0.33 J	0.53 J	3.3	<1.5 U
Zinc	2480	10000	7900	510	12	4.9	15	4.1	190	30	5.9

Table 1C
Site Investigation Soil Analytica Results (Metals)
Destiny USA Site 7
June 29, 2016

Metals	Protection of Groundwater	Restricted Residential	P3-4 (10-12) 6/29/2016 L1620368-16	P3-5 (6-8) 6/29/2016 L1620368-14	P3-6 (4-8) 6/29/2016 L1620368-12	P3-6 (8-12) 6/29/2016 L1620368-13	P3-7 (4-8) 6/29/2016 L1620368-10	P3-7 (8-12) 6/29/2016 L1620368-11	P3-8 (4-8) 6/29/2016 L1620368-09	P3-9 (0-4) 6/29/2016 L1620368-05	P3-9 (4-8) 6/29/2016 L1620368-06
Antimony			<4.5 U	<3.5 U	<3.1 U	<4.3 U	<3.1 U	<4.5 U	<3.3 U	1.7 J	<4.1 U
Arsenic	16	16	2.1	1.3	6.5	0.86	12	1	12	38	3
Beryllium	47	72	0.11 J	<0.35 U	0.15 J	<0.43 U	0.21 J	<0.45 U	<0.33 U	0.16 J	<0.41 U
Cadmium	7.5	4.3	<0.91 U	0.09 J	5.3	<0.86 U	<0.62 U	<0.9 U	14	2.1	<0.83 U
Chromium			4.8	2.4	80	0.73 J	7.3	0.7 J	2.4	5.9	1.6
Copper	1720	270	7.5	3.7	26	1.4	11	1.2	150	210	5
Lead	450	400	<4.5 U	1.9 J	0.89 J	<4.3 U	13	<4.5 U	<33 U	490	1.5 J
Mercury	0.73	0.81	<0.15 U	0.03 J	0.08 J	<0.14 U	0.03 J	<0.15 U	<0.11 U	0.44	<0.14 U
Nickel	130	310	13	3.7	110	10	12	20	27	8.9	11
Selenium	4	180	2.8	<1.4 U	1.1 J	1.1 J	0.35 J	1.4 J	1.8	0.77 J	1.7
Silver	8.3	180	<0.91 U	<0.71 U	<0.61 U	<0.86 U	<0.62 U	<0.9 U	0.13 J	1.4	<0.83 U
Thallium			<1.8 U	<1.4 U	<1.2 U	<1.7 U	<1.2 U	<1.8 U	0.54 J	0.28 J	0.32 J
Zinc	2480	10000	15	29	2000	550	33	1300	18000	1000	2300

Metals	Protection of Groundwater	Restricted Residential	P3-9 (8-12) 6/29/2016 L1620368-07	P3-9 (12-16) 6/29/2016 L1620368-08	P3-10 (4-8) 6/29/2016 L1620368-22	P3-10 (8-10) 6/29/2016 L1620368-23	P4-1 (0-4) 6/29/2016 L1620368-30	P4-1 (4-8) 6/29/2016 L1620368-31	P4-2 (2-4) 6/29/2016 L1620368-32	P4-2 (4-6) 6/29/2016 L1620368-33	P4-3 (2.5-3) 6/29/2016 L1620368-35
Antimony			<3.4 U	<3.4 U	<3.3 U	<3.4 U	<2.3 U	<4.5 U	<11 U	<2.3 U	<24 U
Arsenic	16	16	2	1	1.3	0.53 J	12	17	21	7.4	57
Beryllium	47	72	0.07 J	<0.34 U	<0.33 U	<0.34 U	0.13 J	0.2 J	0.29	0.23	0.16 J
Cadmium	7.5	4.3	<0.68 U	<0.68 U	<0.66 U	<0.68 U	1.9	0.4 J	4.1	2	25
Chromium			3.7	2.7	2	0.72	7.9	24	7.7	7	5.7
Copper	1720	270	5	3.1	3.8	3.8	310	120	480	58	2200
Lead	450	400	<3.4 U	<3.4 U	3.7	0.95 J	380	37	220	430	440
Mercury	0.73	0.81	<0.12 U	<0.12 U	<0.11 U	<0.11 U	0.35	<0.15 U	0.32	0.15	0.54
Nickel	130	310	3.9	3.1	28	9.8	10	19	12	11	7.4
Selenium	4	180	0.45 J	0.35 J	0.69 J	2.5	0.67 J	0.89 J	0.98	1.2	0.93 J
Silver	8.3	180	<0.68 U	<0.68 U	<0.66 U	<0.68 U	1	0.19 J	1.1	0.11 J	8.6
Thallium			<1.4 U	<1.4 U	<1.3 U	<1.4 U	<0.9 U	<1.8 U	<0.87 U	<0.92 U	0.84 J
Zinc	2480	10000	20	14	3300	480	780	390	2300	740	9800

Metals	Protection of Groundwater	Restricted Residential	P4-3 (4-6) 6/29/2016 L1620368-36
Antimony			<2.4 U
Arsenic	16	16	3.9
Beryllium	47	72	0.12 J
Cadmium	7.5	4.3	<0.48 U
Chromium			8.9
Copper	1720	270	30
Lead	450	400	29
Mercury	0.73	0.81	0.14
Nickel	130	310	4.8
Selenium	4	180	0.24 J
Silver	8.3	180	<0.48 U
Thallium			<0.95 U
Zinc	2480	10000	58

NOTES:

1. Samples were collected by Spectra and submitted to Alpha Analytical for analysis.
2. All data in ppm.
3. **<0.457 U**: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit
4. **RED** = Exceedance of Restricted Residential Use Criteria.
5. **BLUE** = Exceedance of Protection of Groundwater criteria.

Data Qualifiers

7. J: Indicates an estimated value less than the reporting limit.

**Table 2A
Groundwater Analytical Results (VOCs)
Destiny USA Site 7**

VOCs	Ambient Groundwater Quality Standards	SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 2		ALASKAN 22	
		HCMW-1I 6/18/2013	HCMW-1I 9/20/2016	HCMW-1S 6/18/2013	HCMW-1S 9/20/2016	HCMW-1Si 6/18/2013	HCMW-1Si 9/20/2016	SP-MW-13S 6/13/2013	SP-MW-13S 9/20/2016	SP-MW-14SR 6/13/2013	SP-MW-14SR 9/19/2016	SP-MW-20 6/13/2013	SP-MW-20 9/19/2016	SP-MW-21 6/13/2013	SP-MW-21 9/19/2016	SP-MW-22 6/17/2013	SP-MW-22 9/19/2016	SP-MW-23 6/17/2013	SP-MW-23 9/19/2016
1,2,4-Trimethylbenzene	5	<1.00 U	0.78 J	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	9.93	<6.2 U	2.44	1.4 J	<1.00 U	<2.5 U	<1.00 U	<2.5 U
1,3,5-Trimethylbenzene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<6.2 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U
2-Butanone (MEK)	50	<10.0 U	<5 U	<10.0 U	<5 U	<10.0 U	<5 U	<10.0 U	<5 U	<10.0 U	<5 U	1.82 J	<12 U	2.81 J	<5 U	<10.0 U	<5 U	<10.0 U	<5 U
Acetone	50	<10.0 U	<10 U	<10.0 U,J	5.9	<10.0 U,J	6.8	10.4 J	15	<10.0 U	8.3	8.59 J	13	7.78 J	5.6	<10.0 U	5.6	<10.0 U	8.4
Benzene	1	<1.00 U	<0.5 U	<1.00 U	<0.5 U	<1.00 U	<0.5 U	<1.00 U	0.5	20.7	2.1	0.73 J	0.56 J	1.03	0.64	<1.00 U	<0.5 U	<1.00 U	<0.5 U
Bromomethane	5	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Di-isopropyl ether	NS	<1.00 U	<2 U	<1.00 U	<2 U	<1.00 U	<2 U	<1.00 U	<2 U	<1.00 U	<2 U	<1.00 U	<5 U	<1.00 U	<2 U	<1.00 U	<2 U	<1.00 U	<2 U
Ethylbenzene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	4.76	<2.5 U	1.12	<6.2 U	<1.00 U	0.84 J	<1.00 U	<2.5 U	<1.00 U	<2.5 U
Isopropylbenzene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	2.12	0.81 J	14.1	29	1.77	20	<1.00 U	<2.5 U	2.78	<2.5 U
Methyl tert-butyl ether	10	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	0.79 J	<6.2 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U
n-Butylbenzene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	8.03	<6.2 U	<1.00 U	1.9 J	<1.00 U	<2.5 U	<1.00 U	<2.5 U
n-Propylbenzene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	2.3	<2.5 U	28.3	16	1.01	15	<1.00 U	<2.5 U	<1.00 U	<2.5 U
Naphthalene	10	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	2 J	<1.00 U	<2.5 U	<1.00 U	<6.2 U	<1.00 U	<2.5 U	<1.00 U,J	<2.5 U	<1.00 U,J	<2.5 U
o-Xylene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<6.2 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U
m,p-Xylene	5	<2.00 U	<2.5 U	<2.00 U	<2.5 U	<2.00 U	<2.5 U	<2.00 U	0.79 J	5.71	<2.5 U	<2.00 U	<6.2 U	<2.00 U	<2.5 U	<2.00 U	<2.5 U	<2.00 U	<2.5 U
sec-Butylbenzene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	7.64	19	<1.00 U	3.9	<1.00 U	<2.5 U	2.09	1.1 J
Tert-Butanol / butyl alcohol	NS	<10.0 U	<10 U	<10.0 U	<10 U	<10.0 U	<10 U	<10.0 U	140	<10.0 U	1.9	<10.0 U	7.2	<10.0 U,J	3.4	<10.0 U	<10 U	<10.0 U	<10 U
tert-Butylbenzene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	1.31	3.6 J	<1.00 U	0.84 J	<1.00 U	<2.5 U	0.93 J	1.4 J
Toluene	5	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	3.17	<2.5 U	<1.00 U	<6.2 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U
Total Xylene	5	ND	ND	ND	ND	ND	ND	ND	0.79	5.71	ND	ND	ND	ND	ND	ND	ND	ND	ND

VOCs	Ambient Groundwater Quality Standards	ALASKAN 22		ALASKAN 22		ALASKAN 22		SUN 2		SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		
		SP-MW-37 6/17/2013	SP-MW-37 9/19/2016	SP-MW-38 6/17/2013	SP-MW-38 9/19/2016	SP-MW-39 6/17/2013	SP-MW-39 9/19/2016	SP-MW-40 6/17/2013	SP-MW-40 9/19/2016	SP-MW-40 DUP 9/19/2016	SP-MW-41 6/12/2013	SP-MW-41 9/20/2016	SP-MW-42 6/13/2013	SP-MW-42R 12/1/16	SP-MW-43 6/12/2013	SP-MW-43 8/4/2016	SP-MW-44 6/17/2013	SP-MW-44 9/20/2016	SUNMW-60 6/18/2013	SUN-MW-60 9/20/2016
1,2,4-Trimethylbenzene	5	<1.00 U	<6.2 U	<1.00 U	<2.5 U	73.7 D	2.1 J	<1.00 U	<2.5 U	<2.5 U	210 D	190	<1.00 U	<2.5 U	436 D	880	<1.00 U	<2.5 U	<1.00 U	1.1 J
1,3,5-Trimethylbenzene	5	<1.00 U	<6.2 U	<1.00 U	<2.5 U	15.4 D	<2.5 U	<1.00 U	<2.5 U	<2.5 U	<5.00 U	<25 U	<1.00 U	<2.5 U	132 D	170	<1.00 U	<2.5 U	<1.00 U	<2.5 U
2-Butanone (MEK)	50	<10.0 U	<12 U	<10.0 U	<5 U	<100 U	<5 U	<10.0 U	<5 U	<5 U	<50.0 U	<50 U	<10.0 U	5 U	<500 U	<100 U	<10.0 U	<5 U	<10.0 U	<5 U
Acetone	50	<10.0 U	8.7	<10.0 U	8.3	<100 U	18	<10.0 U	6.4	13	<50.0 U	<50 U	<10.0 U	<5 U	<500 U	54 J	<10.0 U	13	<10.0 U	14
Benzene	1	9.24	53	88.7	29	15.6 D	0.7	36.6	0.28 J	0.27 J	29 D	44	1.61	3.3	206 D	310	<1.00 U	<0.5 U	7.5	0.48 J
Bromomethane	5	<6.2 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	45 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Di-isopropyl ether	NS	7.78	78	20.8	15	<10.0 U	<2 U	<1.00 U	<2 U	<2 U	<5.00 U	<20 U	<1.00 U	<2 U	<50.0 U	<40 U	<1.00 U	<2 U	<1.00 U	<2 U
Ethylbenzene	5	<1.00 U	<6.2 U	5.91	<2.5 U	205 D	3	<1.00 U	<2.5 U	<2.5 U	5.75 D	<25 U	<1.00 U	<2.5 U	409 D	1100	<1.00 U	<2.5 U	<1.00 U	<2.5 U
Isopropylbenzene	5	2.71	7.8	28.6	17	<10.0 U	<2.5 U	39.3	30	30	56.3 D	59	<1.00 U	<2.5 U	<50.0 U	38 J	<1.00 U	<2.5 U	1.61	<2.5 U
Methyl tert-butyl ether	10	7.48	90	1.86	1.5 J	<10.0 U	<2.5 U	7.08	5.5	5.7	<5.00 U	<25 U	<1.00 U	<2.5 U	<50.0 U	<50 U	<1.00 U	<2.5 U	2.1	<2.5 U
n-Butylbenzene	5	1.62	<6.2 U	6.25	3.4	<10.0 U	<2.5 U	6.73	3.1	1.9 J	5.95 D	<25 U	<1.00 U	<2.5 U	<50.0 U	<50 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U
n-Propylbenzene	5	5.65	<6.2 U	61.6	32	12.2 D	<2.5 U	38.4	16	15	53.2 D	45	<1.00 U	<2.5 U	43.5 J,D	67	<1.00 U	1.6 J	<1.00 U	<2.5 U
Naphthalene	10	0.72 J,J	<6.2 U	4.19 J	<2.5 U	20.1 J	1.1 J	1.14 J	<2.5 U	<2.5 U	<5.00 U	<25 U	<1.00 U	0.74 J	138 D	290	0.99 J,J	1.7 J	<1.00 U	<2.5 U
o-Xylene	5	<1.00 U	<6.2 U	3.84	1.1 J	171 D	3.3	<1.00 U	<2.5 U	<2.5 U	<5.00 U	<25 U	<1.00 U	<2.5 U	50.5 D	140	<1.00 U	<2.5 U	<1.00 U	<2.5 U
m,p-Xylene	5	<2.00 U	1.9 J	9.96	3.8	541 D	6.9	<2.00 U	<2.5 U	<2.5 U	<10.0 U	<25 U	<2.00 U	1	1210 D	1600	<2.00 U	<2.5 U	<2.00 U	<2.5 U
sec-Butylbenzene	5	1.14	2.2 J	5.73	4.3	<10.0 U	<2.5 U	14.2	14	13	7.55 D	<25 U	<1.00 U	<2.5 U	<50.0 U	<50 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U
Tert-Butanol / butyl alcohol	NS	16.1	110	80.8	71	<100 U	<10 U	660	710	570	<50.0 U	100	<10.0 U	3.1	<500 U	<50 U	<10.0 U	5.4 J	<10.0 U	<10 U
tert-Butylbenzene	5	<1.00 U	<6.2 U	<1.00 U	<2.5 U	<10.0 U	<2.5 U	2.75	2.5	2.4 J	3.85 J,D	<25 U	<1.00 U	<2.5 U	<50.0 U	<50 U	<1.00 U	<2.5 U	<1.00 U	<2.5 U
Toluene	5	<1.00 U	<6.2 U	9.84	1.2 J	33.4 D	<2.5 U	0.96 J	<2.5 U	<2.5 U	<5.00 U	<25 U	<1.00 U	0.79 J	54.5 D	170	<1.00 U	<2.5 U	<1.00 U	<2.5 U
Total Xylene	5	ND	1.9	13.8	4.9	712	10.2	ND	ND	ND	ND	ND	ND	1	1261	1740	ND	ND	ND	ND

Notes:

1. Samples collected by Spectra and submitted to Alpha Analytical for analysis.
2. **Bold Red** represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U:** Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.

Qualifiers:

J: Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**Table 2B
Groundwater Analytical Results (SVOCs)
Destiny USA Site 7**

SVOCs	Ambient Groundwater Quality Standards	SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 2		ALASKAN 22	
		HCMW-11 6/18/2013	HCMW-1-I 9/20/2016	HCMW-1S 6/18/2013	HCMW-1-S 9/20/2016	HCMW-1SI 6/18/2013	HCMW-1-SI 9/20/2016	SP-MW-13S 6/13/2013	SP-MW-13S 9/20/2016	SP-MW-14SR 6/13/2013	SP-MW-14SR 9/19/2016	SP-MW-20 6/13/2013	SP-MW-20 9/19/2016	SP-MW-21 6/13/2013	SP-MW-21 9/19/2016	SP-MW-22 6/17/2013	SP-MW-22 9/19/2016	SP-MW-23 6/17/2013	SP-MW-23 9/19/2016
Bis(2-ethylhexyl)phthalate	5	<5.26 U	<3 U	<5.56 U	<3 U	<5.32 U	<3 U	3.25 J	3	<5.56 U	<3 U	5.88	<3 U	<5.56 U	<3 U	<5.26 U	2.3 J	<5.15 U	<3 U
Carbazole	NS	<5.26 U	<2 U	<5.56 U	<2 U	<5.32 U	<2 U	<5.43 U	<2 U	<5.56 U	<2 U	<5.21 U	<2 U	<5.56 U	0.68 J	<5.26 U	<2 U	<5.15 U	<2 U
Dibenzofuran	NS	<5.26 U	<2 U	<5.56 U	<2 U	<5.32 U	<2 U	<5.43 U	<2 U	<5.56 U	<2 U	<5.21 U	<2 U	3.61 J	2	<5.26 U	<2 U	<5.15 U	<2 U
Diethyl phthalate	50	<5.26 U	<5 U	<5.56 U	<5 U	<5.32 U	<5 U	<5.43 U	2.1 J	<5.56 U	2.2 J	<5.21 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5.15 U	<5 U
Di-n-octylphthalate	50	<5.26 U	<6 U	<5.56 U	<5 U	<5.32 U	<5 U	<5.43 U	<5 U	<5.56 U	<5 U	<5.21 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5.15 U	<5 U
2-Methylnaphthalene	NS	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	1.2	<5.56 U	<0.2 U	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	<0.2 U	<5.15 U	<0.2 U
Acenaphthene	20	<5.26 U	<0.1 U	<5.56 U	0.04 J	<5.32 U	<0.1 U	<5.43 U	3.1	<5.56 U	0.25	<5.21 U	0.7	4.09 J	2.6	<5.26 U	0.1	<5.15 U	0.82
Acenaphthylene	NS	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	0.28	<5.56 U	0.14 J	<5.21 U	0.19 J	<5.56 U	0.83 J	<5.26 U	<0.2 U	<5.15 U	0.37
Anthracene	50	<5.26 U	<0.2 U	<5.56 U	0.04 J	<5.32 U	<0.2 U	<5.43 U	0.62	<5.56 U	0.19 J	<5.21 U	0.18 J	<5.56 U	<1 U	<5.26 U	0.04 J	<5.15 U	0.08 J
Benzo(a)anthracene	NS	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	<0.2 U	<5.56 U	0.05 J	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	0.02 J	<5.15 U	<0.2 U
Benzo(a)pyrene	0	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	<0.2 U	<5.56 U	0.11 J	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	<0.2 U	<5.15 U	<0.2 U
Benzo(b)fluoranthene	0.002	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	<0.2 U	<5.56 U	0.14 J	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	<0.2 U	<5.15 U	<0.2 U
Benzo(ghi)perylene	NS	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	<0.2 U	<5.56 U	0.1 J	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	<0.2 U	<5.15 U	<0.2 U
Chrysene	0.002	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	<0.2 U	<5.56 U	0.1 J	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	<0.2 U	<5.15 U	<0.2 U
Fluoranthene	50	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	0.52	<5.56 U	0.21	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	0.09 J	<5.15 U	<0.2 U
Fluorene	50	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	3	<5.56 U	0.05 J	<5.21 U	0.37	5.32 J	4.3	<5.26 U	<0.2 U	<5.15 U	0.7
Indeno(1,2,3-cd)pyrene	0.002	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	<0.2 U	<5.56 U	0.07 J	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	<0.2 U	<5.15 U	<0.2 U
Naphthalene	10	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	0.79	<5.56 U	0.05 J	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	<0.2 U	<5.15 U	<0.2 U
Phenanthrene	50	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	1.2	<5.56 U	0.17 J	<5.21 U	<0.2 U	<5.56 U	0.27 J	<5.26 U	<0.2 U	<5.15 U	<0.2 U
Pyrene	50	<5.26 U	<0.2 U	<5.56 U	<0.2 U	<5.32 U	<0.2 U	<5.43 U	0.31	<5.56 U	0.22	<5.21 U	<0.2 U	<5.56 U	<1 U	<5.26 U	0.07 J	<5.15 U	<0.2 U

SVOCs	Ambient Groundwater Quality Standards	ALASKAN 22		ALASKAN 22		ALASKAN 22		SUN 2			SUN 1		SUN 1	SUN 1	SUN 1		SUN 1		SUN 1	
		SP-MW-37 6/17/2013	SP-MW-37 9/19/2016	SP-MW-38 6/17/2013	SP-MW-38 9/19/2016	SP-MW-39 6/17/2013	SP-MW-39 9/19/2016	SP-MW-40 6/17/2013	SP-MW-40 9/19/2016	SP-MW-40 DUF 9/19/2016	SP-MW-41 6/12/2013	SP-MW-41 9/20/2016	SP-MW-42 6/13/2013	SP-MW-42R 12/1/2016	SP-MW-43 6/12/2013	SP-MW-43 8/4/2016	SP-MW-44 6/17/2013	SP-MW-44 9/20/2016	SUN-MW-60 6/18/2013	SUN-MW-60 9/20/2016
Bis(2-ethylhexyl)phthalate	5	1.14 J,U	2.1 J	2.23 J,U	2.3 J	<5.15 U	2.2 J	<5.15 U	<3 U	<3 U	1.16 J	2.2 J	<5.56 U	<0.98 J	<27.2 U	<3 U	<5.10 U	2.1 J	<5.38 U	<3 U
Carbazole	NS	<5.38 U	<2 U	<5.26 U	<2 U	<5.15 U	<2 U	<5.15 U	1.2 J	1.2 J	<5.62 U	<2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	<2 U	<5.38 U	<2 U
Dibenzofuran	NS	<5.38 U	<2 U	<5.26 U	<2 U	<5.15 U	<2 U	2.56 J	2	2	<5.62 U	<2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	<2 U	<5.38 U	<2 U
Diethyl phthalate	50	<5.38 U	<5 U	<5.26 U	<5 U	<5.15 U	<5 U	<5.15 U	<5 U	<5 U	<5.62 U	<5 U	<5.56 U	<5 U	<27.2 U	<5 U	<5.10 U	<5 U	<5.38 U	<5 U
Di-n-octylphthalate	50	<5.38 U	<5 U	<5.26 U	<5 U	<5.15 U	<5 U	<5.15 U	<5 U	<5 U	<5.62 U	<5 U	<5.56 U	<5 U	<27.2 U	1.7 J	1.07 J	<5 U	<5.38 U	<5 U
2-Methylnaphthalene	NS	<5.38 U	<0.2 U	1.41 J	0.41	1.87 J	<0.2 U	<5.15 U	0.7	0.8	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	1.8 J	<5.10 U	0.15 J	<5.38 U	<0.2 U
Acenaphthene	20	1.63 J	6.9	1.72 J	1.5	<5.15 U	<0.1 U	1.36 J	1.6	2.2	<5.62 U	0.48	<5.56 U	<2 U	<27.2 U	0.38 J	<5.10 U	0.94	<5.38 U	<0.1 U
Acenaphthylene	NS	<5.38 U	0.62	<5.26 U	0.14 J	<5.15 U	<0.2 U	<5.15 U	0.65	0.58	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	0.32	<5.38 U	<0.2 U
Anthracene	50	<5.38 U	0.46	<5.26 U	0.16 J	<5.15 U	<0.2 U	<5.15 U	0.09 J	0.15 J	<5.62 U	0.2	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	0.27	<5.38 U	<0.2 U
Benzo(a)anthracene	NS	<5.38 U	0.05 J	<5.26 U	<0.2 U	<5.15 U	0.03 J	<5.15 U	<0.2 U	<0.2 U	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	0.03 J	<5.38 U	<0.2 U
Benzo(a)pyrene	0	<5.38 U	0.08 J	<5.26 U	<0.2 U	<5.15 U	<0.2 U	<5.15 U	<0.2 U	<0.2 U	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	<0.2 U	<5.38 U	<0.2 U
Benzo(b)fluoranthene	0.002	<5.38 U	0.08 J	<5.26 U	<0.2 U	<5.15 U	0.07 J	<5.15 U	<0.2 U	<0.2 U	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	<0.2 U	<5.38 U	<0.2 U
Benzo(ghi)perylene	NS	<5.38 U	0.09 J	<5.26 U	<0.2 U	<5.15 U	<0.2 U	<5.15 U	<0.2 U	<0.2 U	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	<0.2 U	<5.38 U	<0.2 U
Chrysene	0.002	<5.38 U	0.07 J	<5.26 U	<0.2 U	<5.15 U	0.05 J	<5.15 U	<0.2 U	<0.2 U	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	<0.2 U	<5.38 U	<0.2 U
Fluoranthene	50	<5.38 U	0.27	<5.26 U	<0.2 U	<5.15 U	0.08 J	<5.15 U	0.04 J	0.04 J	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	0.38	<5.38 U	0.05 J
Fluorene	50	1.33 J	1	1.10 J	0.97	<5.15 U	<0.2 U	3.15 J	0.15 J	0.22	<5.62 U	0.1 J	<5.56 U	<2 U	<27.2 U	0.47 J	<5.10 U	0.07 J	<5.38 U	<0.2 U
Indeno(1,2,3-cd)pyrene	0.002	<5.38 U	0.07 J	<5.26 U	<0.2 U	<5.15 U	<0.2 U	<5.15 U	<0.2 U	<0.2 U	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	2 U	<5.10 U	<0.2 U	<5.38 U	<0.2 U
Naphthalene	10	<5.38 U	<0.2 U	3.09 J	<0.2 U	13.6	<0.2 U	<5.15 U	<0.2 U	<0.2 U	<5.62 U	<0.2 U	<5.56 U	<2 U	65.8 D	140	<5.10 U	0.67	<5.38 U	<0.2 U
Phenanthrene	50	<5.38 U	0.1 J	<5.26 U	0.17 J	<5.15 U	<0.2 U	<5.15 U	0.06 J	0.12 J	<5.62 U	0.12 J	<5.56 U	<2 U	<27.2 U	0.28 J	<5.10 U	0.07 J	<5.38 U	0.12 J
Pyrene	50	<5.38 U	0.32	<5.27 U	0.04 J	<5.15 U	0.07 J	<5.15 U	<0.2 U	<0.2 U	<5.62 U	<0.2 U	<5.56 U	<2 U	<27.2 U	<2 U	<5.10 U	0.23	<5.38 U	<0.2 U

Notes:

1. Samples collected by Spectra and submitted to Alpha Analytical for analysis.
2. **Bold Red** represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U**: Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.

Qualifiers:

J: Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**Table 2C
Groundwater Analytical Results (Metals)
Destiny USA Site 7**

Metals by 6010 and 7471	Ambient Groundwater Quality Standards	SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 1		SUN 2		ALASKAN 22	
		HCMW-11 6/18/2013	HCMW-11 9/20/2016	HCMW-1S 6/18/2013	HCMW-1S 9/20/2016	HCMW-1SI 6/18/2013	HCMW-1SI 9/20/2016	SP-MW-13S 6/13/2013	SP-MW-13S 9/20/2016	SP-MW-14SR 6/13/2013	SP-MW-14SR 9/19/2016	SP-MW-20 6/13/2013	SP-MW-20 9/19/2016	SP-MW-21 6/13/2013	SP-MW-21 9/19/2016	SP-MW-22 6/17/2013	SP-MW-22 9/19/2016	SP-MW-23 6/17/2013	SP-MW-23 9/19/2016
Arsenic	25	2.0 J	2.5 J	2.2 J	3.4 J	<4.0 U	<5 U	<4.0 U	31.1	31.5	70.9	<4.0 U	<5 U	<4.0 U	7.8	2.6 J	5.5	3.4 J	3.9 J
Barium	1000	30.9	19.7	29.8	99.7	17.1	16	5.6	3480	193	176	69.4	85.7	57.0	78.1	77.4	49.8	43.4	41.7
Beryllium	3	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U
Cadmium	5	<2.5 U	<5 U	<2.5 U	<5 U	<2.5 U	<5 U	<2.5 U	<5 U	<2.5 U	<5 U	<2.5 U	<5 U	19.2	3.4 J	<2.5 U	<5 U	<2.5 U	<5 U
Chromium	50	1.6 J,J	<10 U	1.0 J,J	<10 U	<5.0 U	<10 U	<5.0 U	<10 U	1.3 J,J	<10 U	4.6 J,J	<10 U	1.6 J	2.2 J	<5.0 U	<10 U	1.0 J,J	<10 U
Copper	200	13.2	6.7 J	12.6	3.8 J	10.4	4.3 J	8.4	<10 U	7.3	2.3 J	28.8	2.4 J	144	43.9	7.0	<10 U	7.6	<10 U
Lead	25	5.0 J	4 J	<7.5 U	2.2 J	4.5 J	2.6 J	<7.5 U	3.5 J	12.4	7.4 J	12.4	7.2 J	321	60.4	2.3 J	<10 U	4.9 J	2 J
Manganese	300	139	19.2	6.8	54.6	177	132	9.5	898	146	254	89.7	116	584	240	156	31.8	13.0	16.9
Mercury	0.7	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U
Nickel	100	<5.0 U	4.7 J	1.5 J	<25 U	<5.0 U	<25 U	1.2 J	<25 U	<5.0 U	<25 U	1.0 J	<25 U	3.7 J	<25 U	<5.0 U	<25 U	1.2 J	<25 U
Selenium	10	<15.0 U	<10 U	3.2 J	<10 U	<15.0 U	<10 U	<15.0 U	<10 U	<15.0 U	<10 U	<15.0 U	<10 U	<15.0 U	<10 U	<15.0 U	<10 U	<15.0 U	<10 U
Silver	50	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<5.0 U	<5.0 U	<7 U
Zinc	2000	22.8	124	6.1	9.6 J	24.4	<50 U	13.2 J	51.2	11.2 J	26 J	101 J	168	8650 J	897	2.2 J	<50 U	4.4 J	<50 U

Metals by 6010 and 7471	Ambient Groundwater Quality Standards	ALASKAN 22		ALASKAN 22		ALASKAN 22		SUN 2		SUN 1		SUN 1	SUN 1	SUN 1		SUN 1		SUN 1		
		SP-MW-37 6/17/2013	SP-MW-37 9/19/2016	SP-MW-38 6/17/2013	SP-MW-38 9/19/2016	SP-MW-39 6/17/2013	SP-MW-39 9/19/2016	SP-MW-40 6/17/2013	SP-MW-40 9/19/2016	SP-MW-40 DUP	SP-MW-41 6/12/2013	SP-MW-41 9/20/2016	SP-MW-42 6/13/2013	SP-MW-42R 12/1/16	SP-MW-43 6/12/2013	SP-MW-43 8/4/2016	SP-MW-44 6/17/2013	SP-MW-44 9/20/2016	SUNMW-60 6/18/2013	SUNMW-60 9/20/2016
Arsenic	25	3.6 J	15.6	13.2	15.5	2.0 J	5.5	13.4	23.1	17.3	<4.0 U	5 U	<4.0 U	4.8 J	12.9	2.4	11.0	12.1	<4.0 U	3.9 J
Barium	1000	171	759	947	1560	51.8	18.9	120	178	178	118	120	187	116	44.0	57.8	696	380	126	31.4
Beryllium	3	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U	<2.0 U	<5 U
Cadmium	5	<2.5 U	0.8 J	<2.5 U	<5 U	<2.5 U	<5 U	<2.5 U	<5 U	<5 U	<2.5 U	<5 U	<2.5 U	<5 U	0.8 J	0.6	<2.5 U	<5 U	<2.5 U	<5 U
Chromium	50	<5.0 U	<10 U	1.7 J,J	<10 U	<5.0 U	<10 U	<5.0 U	<10 U	<10 U	1.2 J	<10 U	1.4 J,J	<10 U	1.2 J	0.8 J	1.4 J,J	<10 U	<5.0 U	2 J
Copper	200	4.4 J	12.8	8.6	2.4 J	6.4	4.1 J	7.0	<10 U	2.3 J	7.2	3.9 J	6.8	5 J	13.9	4.2	7.7	5 J	8.8	<10 U
Lead	25	2.8 J	4.8 J	<7.5 U	<10 U	10.6	2.8 J	2.2 J	<10 U	3.8 J	5.0 J,J	4.9 J	2.7 J	3 J	6.6 J,J	7.5	4.7 J	3.6 J	3.2 J	<10 U
Manganese	300	121	287	371	404	96.8	30.4	44.0	44.5	45.1	347	377	276	602	3250	175.8	2160	872	321	12.1
Mercury	0.7	<0.20 U	<0.2 U	<0.20 U	<0.2 U	<0.20 U	<0.2 U	<0.20 U	<0.2 U	<0.2 U	<0.20 U	<0.20 U	<0.20 U	<0.2 U	<0.20 U	<0.20 U	<0.20 U	<0.2 U	<0.20 U	<0.20 U
Nickel	100	3.3 J	21.7 J	<5.0 U	<25 U	<5.0 U	<25 U	<5.0 U	<25 U	<25 U	1.0 J	<25 U	<5.0 U	<25 U	10.7	1.6	1.7 J	<25 U	<5.0 U	<25 U
Selenium	10	<15.0 U	<10 U	7.4 J	8.9 J	<15.0 U	<10 U	<15.0 U	<10 U	<10 U	<175 U	<10 U	<15.0 U	<10 U	<175 U	<10 U	<15.0 U	<10 U	<15.0 U	<10 U
Silver	50	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U	<5.0 U	<7 U
Zinc	2000	5.2	118	3.3 J	<50 U	3.1 J	30.6 J	3.2 J	7.5 J	9 J	38.0	56.6	12.3 J	8 J	858	310.3	15.2	20.7 J	4.8 J	8.8 J

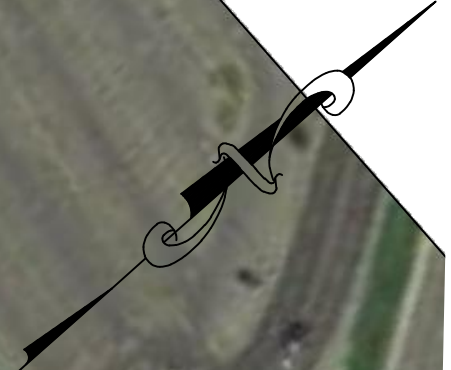
Notes:

1. Samples collected by Spectra and submitted to Alpha Analytical for analysis.
2. **Bold Red** represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U:** Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.

Qualifiers:

J: Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

FIGURES



LEGEND

— BCA SITE 7 BOUNDARY

NO.	DATE	RECORD OF WORK	DRN	CKD

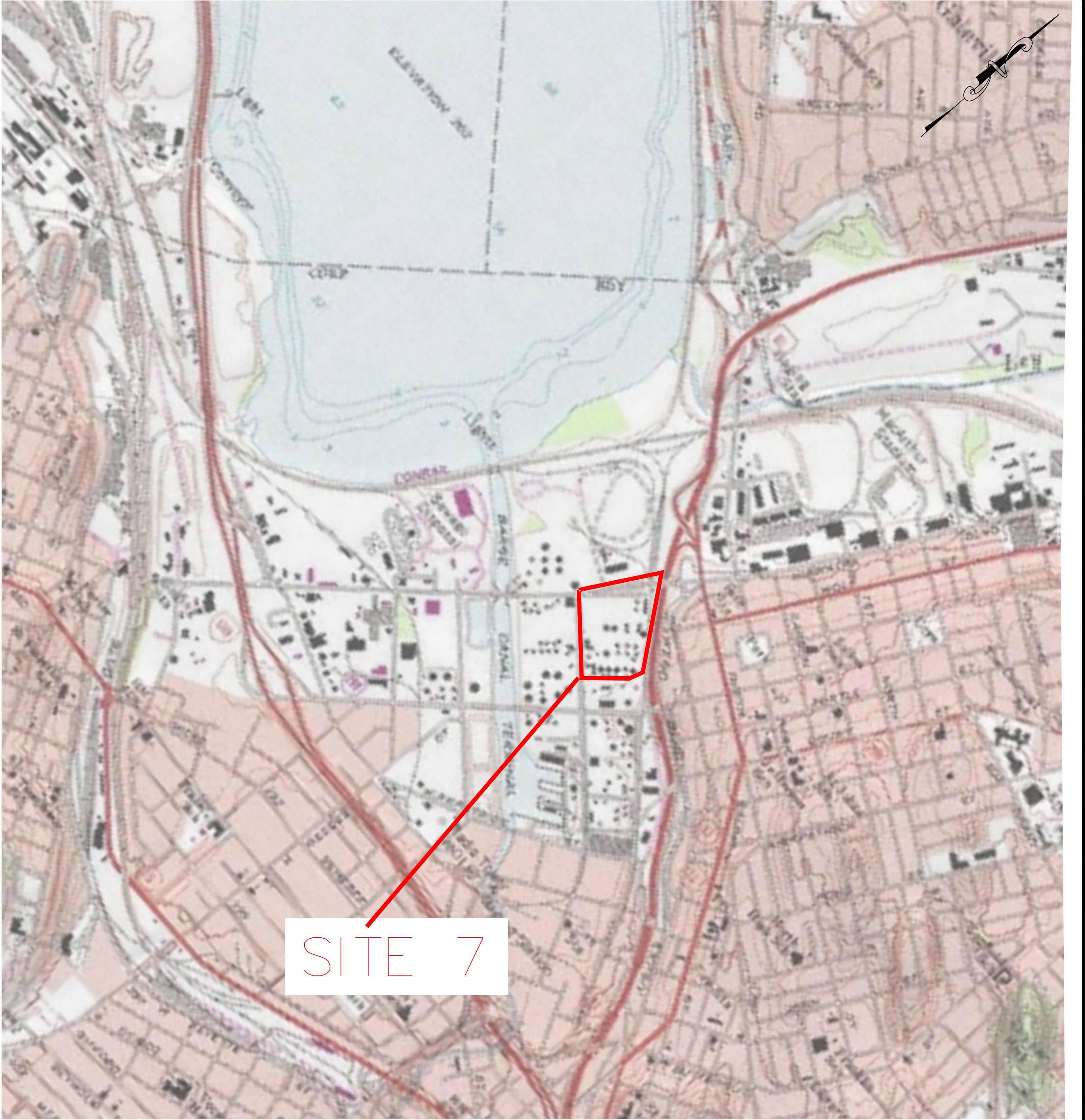
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PROJ. NO.:	15209
PREPARED BY:	JCK
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET
NTS	

SITE 7
Aerial Photograph
 DESTINY USA

CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
 19 British American Blvd
 Latham, N.Y. 12110

DATE: 6/10/16 | SCALE: NOT TO SCALE | DWG. NO. 15209C | FIGURE: 1



SITE 7

LEGEND

BCA SITE 7 BOUNDARY

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT

PROJ. MGR: FRP

PROJ. NO.: 15209

PREPARED BY: JCK

DRAFTED BY: JCK

CHECKED BY:

APPROVED BY:

DATUM:

CONTOUR INTERVAL = FEET

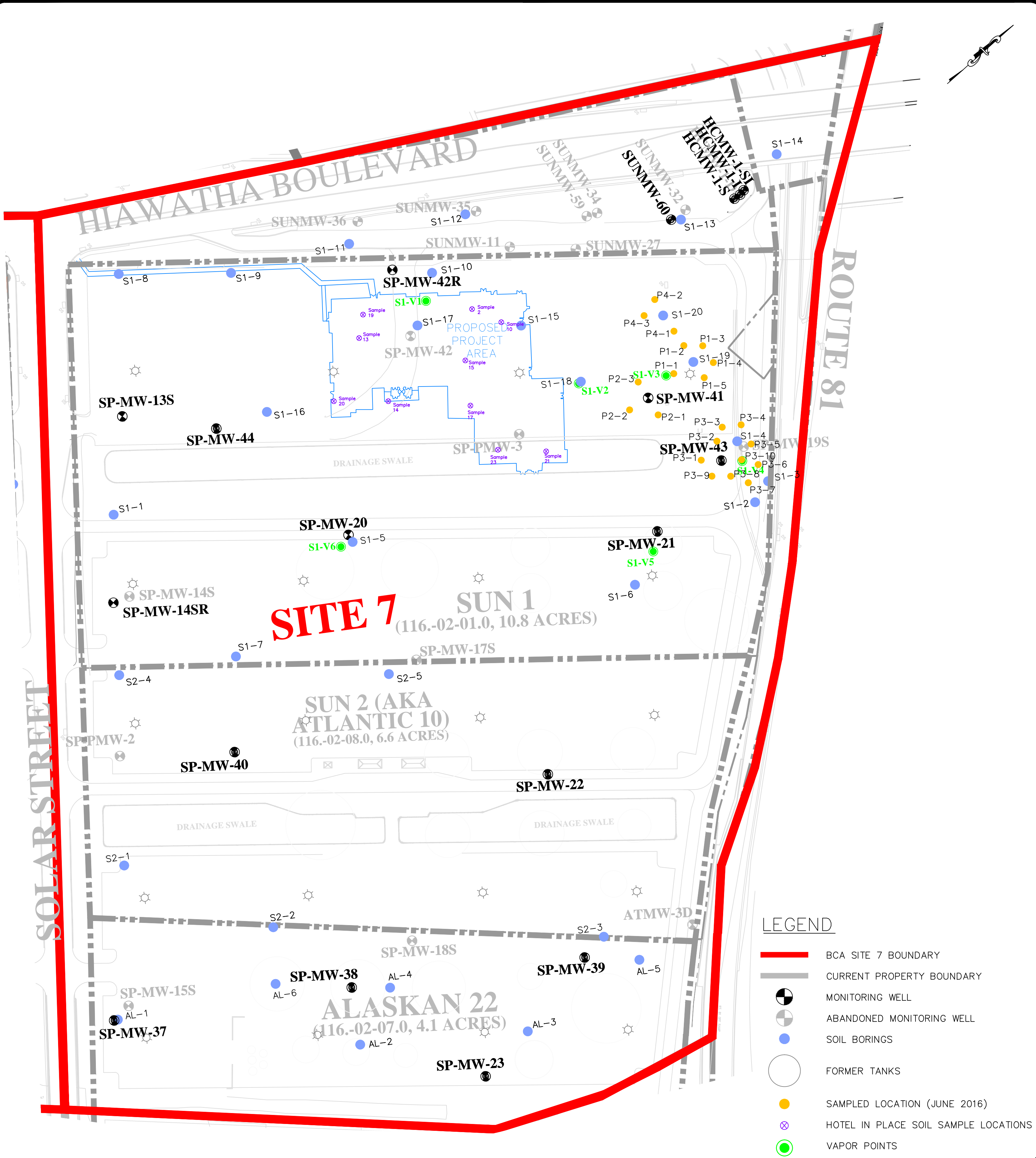
NTS

SITE 7
SITE LOCATION
DESINTY USA

CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N. Y. 12110

DATE: 6/7/16	SCALE TO SCALE	DWG. NO. 15209C	FIGURE: 2
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SITE 7 (116.-02-01.0, 10.8 ACRES)

SUN 2 (AKA ATLANTIC 10)
(116.-02-08.0, 6.6 ACRES)

ALASKAN 22
(116.-02-07.0, 4.1 ACRES)

- LEGEND**
- BCA SITE 7 BOUNDARY
 - CURRENT PROPERTY BOUNDARY
 - MONITORING WELL
 - ABANDONED MONITORING WELL
 - SOIL BORINGS
 - FORMER TANKS
 - SAMPLED LOCATION (JUNE 2016)
 - HOTEL IN PLACE SOIL SAMPLE LOCATIONS
 - VAPOR POINTS

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT

PROJ. MGR: FRP
 PROJ. NO.: 15209
 PREPARED BY: JCK
 DRAFTED BY: JCK
 CHECKED BY:
 APPROVED BY:
 DATUM:
 CONTOUR INTERVAL = FEET

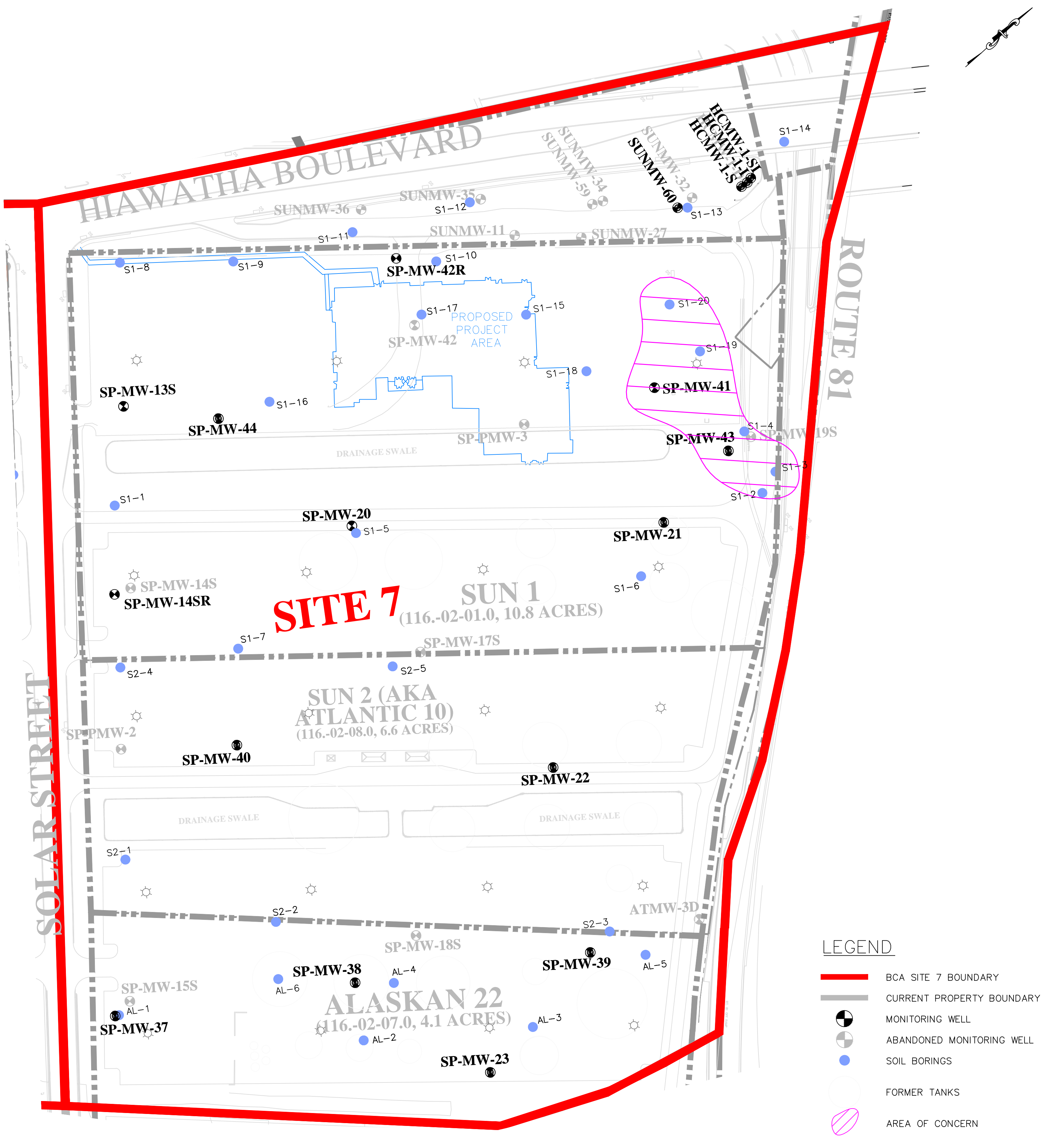
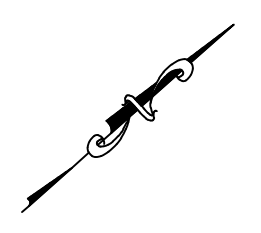
1"=80'








SITE 7
SITE PLAN
DESTINY USA

CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
 19 British American Blvd
 Latham, N.Y. 12110

DATE: 6/10/16 | SCALE: 1"=80' | DWG. NO. 15209C | FIGURE: 3

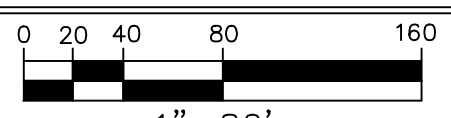


- LEGEND**
-  BCA SITE 7 BOUNDARY
 -  CURRENT PROPERTY BOUNDARY
 -  MONITORING WELL
 -  ABANDONED MONITORING WELL
 -  SOIL BORINGS
 -  FORMER TANKS
 -  AREA OF CONCERN

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT


PROJ. MGR: FRP
 PROJ. NO.: 15209
 PREPARED BY: JCK
 DRAFTED BY: JCK
 CHECKED BY:
 APPROVED BY:
 DATUM:
 CONTOUR INTERVAL = FEET



1"=80'

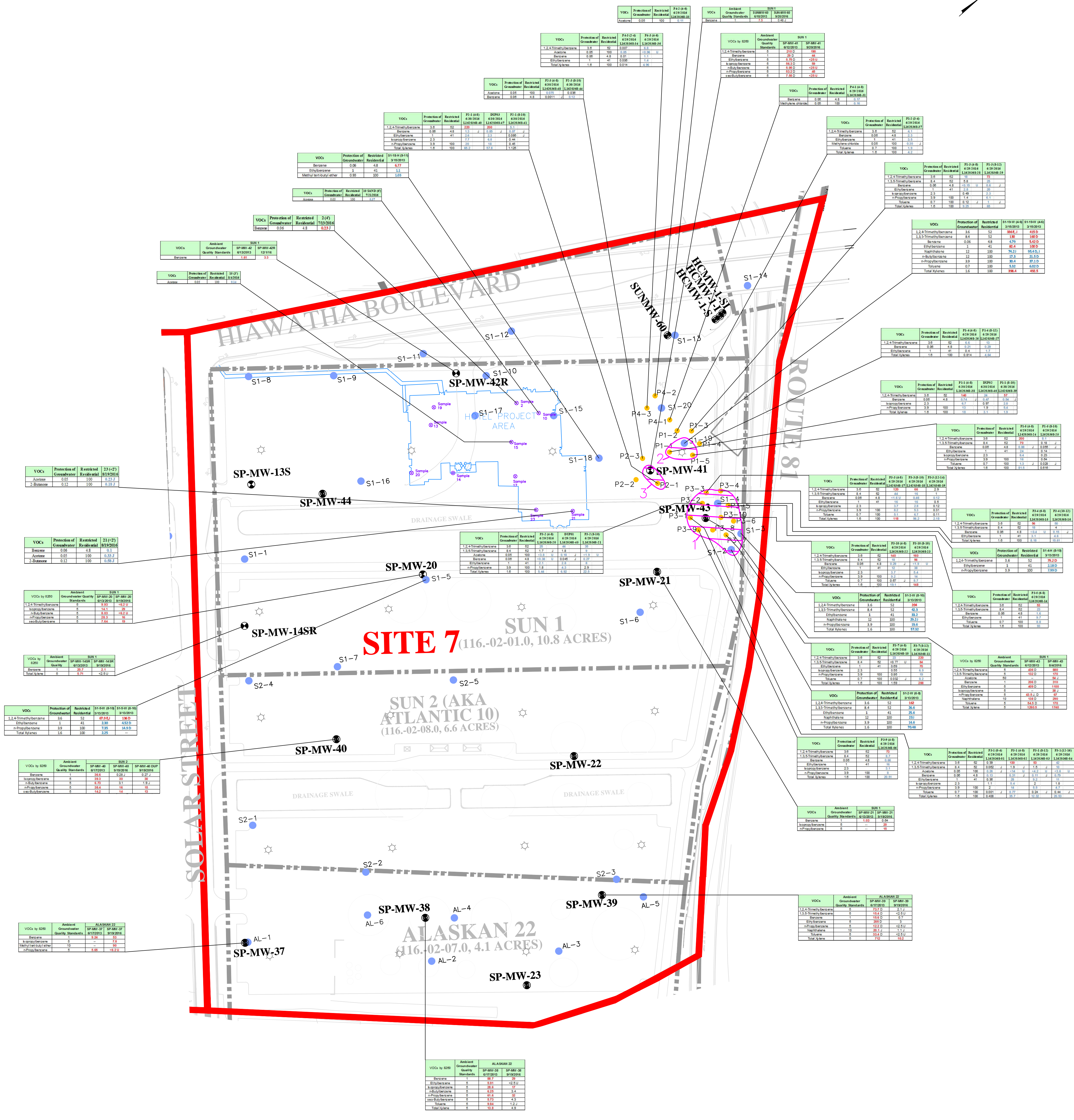
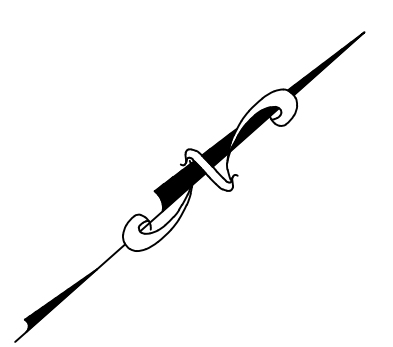
SITE 7
 RIR GENERAL AREA OF CONCERN (AOC)
 DESTINY USA

CITY OF SYRACUSE ONONDAGA CO., NY



SPECTRA ENVIRONMENTAL GROUP, INC.
 19 British American Blvd
 Latham, N.Y. 12110

DATE: 11/7/16 | SCALE: 1"=80' | DWG. NO. 15209E | FIGURE: 4A



LEGEND

- BCA SITE 7 BOUNDARY
- CURRENT PROPERTY BOUNDARY
- MONITORING WELL
- ABANDONED MONITORING WELL
- SOIL BORINGS
- FORMER TANKS
- SAMPLED LOCATION (JUNE 2016)
- HOTEL IN PLACE SOIL SAMPLE LOCATIONS
- PROPOSED AOC

Notes:

- denotes non-exceedance result for constituent.
- Soil**
- 1. All results in ppm.
- 2. **Bold Red** indicates exceedance of Restricted Residential Criteria
- 3. **Bold Blue** indicates exceedance of Protection of Groundwater Criteria
- Groundwater**
- 1. All results in ppb.
- 2. **Bold Red** indicates exceedance of Ambient Groundwater Quality Standards.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

PROJECT

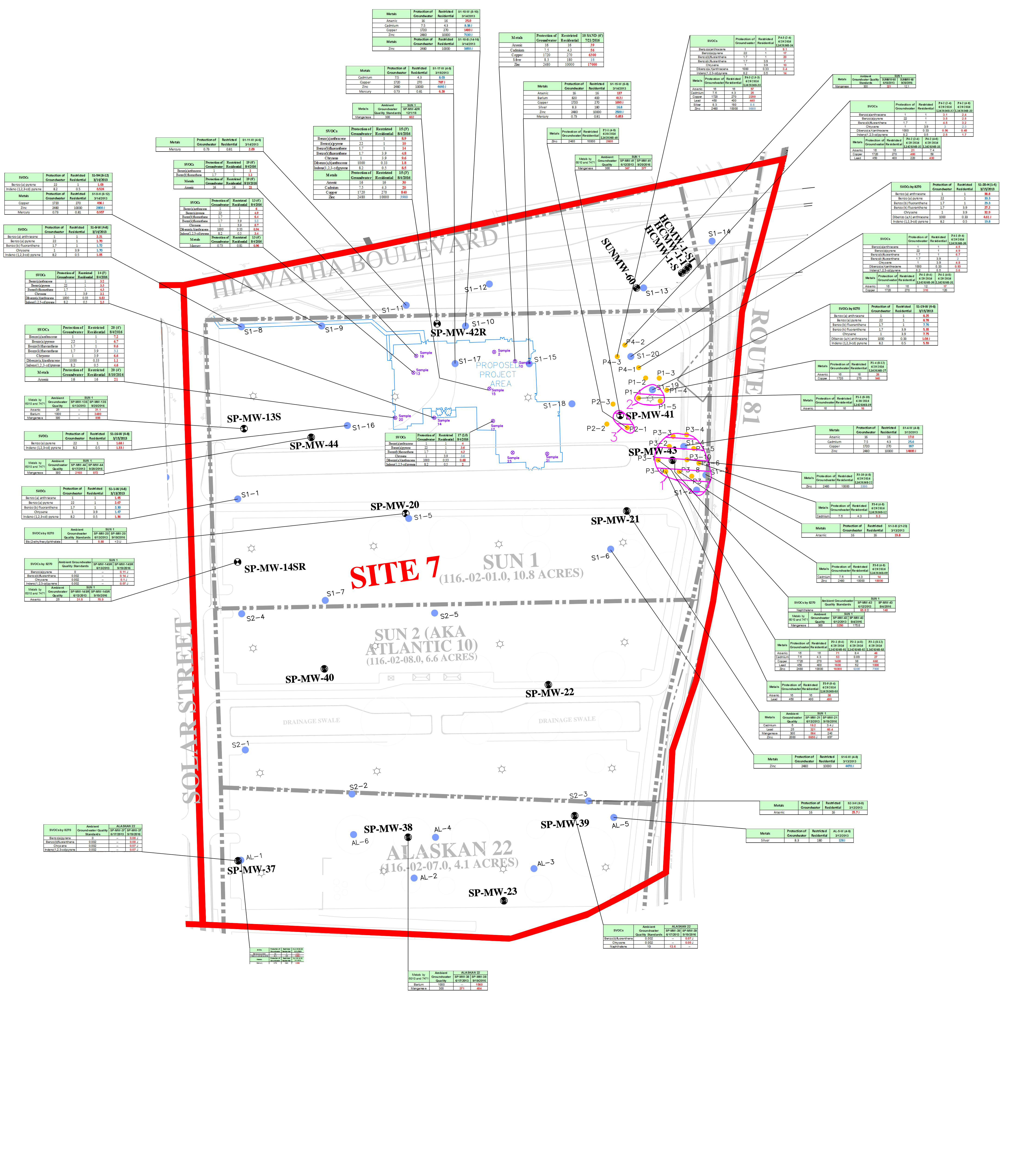
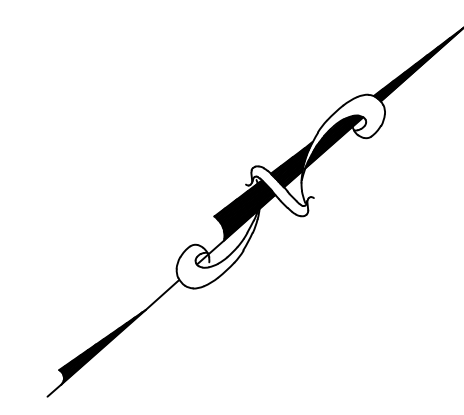
PROJ. ENGR.: FRP
 PROJ. NO.: 15209
 PREPARED BY: JCK
 DRAFTED BY: JCK
 CHECKED BY:
 APPROVED BY:
 DATUM:
 CONTOUR INTERVAL:

SITE 7
SOIL AND GROUNDWATER
VOC EXCEEDANCES
DESTINY USA

CITY OF SYRACUSE ONONDAGA COUNTY, N.Y.

SPECTRA ENVIRONMENTAL GROUP, INC.
 19 British American Blvd
 Latham, N.Y. 12110

DATE: 12/13/16 SCALE: 1" = 80' DWG: 15209E FIGURE: 4B



LEGEND

- ▬ BCA SITE 7 BOUNDARY
- CURRENT PROPERTY BOUNDARY
- MONITORING WELL
- ABANDONED MONITORING WELL
- SOIL BORINGS
- FORMER TANKS
- SAMPLED LOCATION (JUNE 2016)
- ⊗ HOTEL IN PLACE SOIL SAMPLE LOCATIONS
- ⊕ PROPOSED AOC

Notes:

- denotes non-exceedance result for constituent.
- Soil**
- 1. All results in ppm.
- 2. **Bold Red** indicates exceedance of Restricted Residential Criteria
- 3. **Bold Blue** indicates exceedance of Protection of Groundwater Criteria
- Groundwater**
- 1. All results in ppb.
- 2. **Bold Red** indicates exceedance of Ambient Groundwater Quality Standards.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

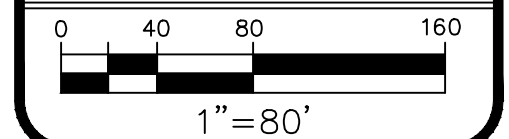
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PROJ. NO.:	15209
PREPARED BY:	JCK
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL:	

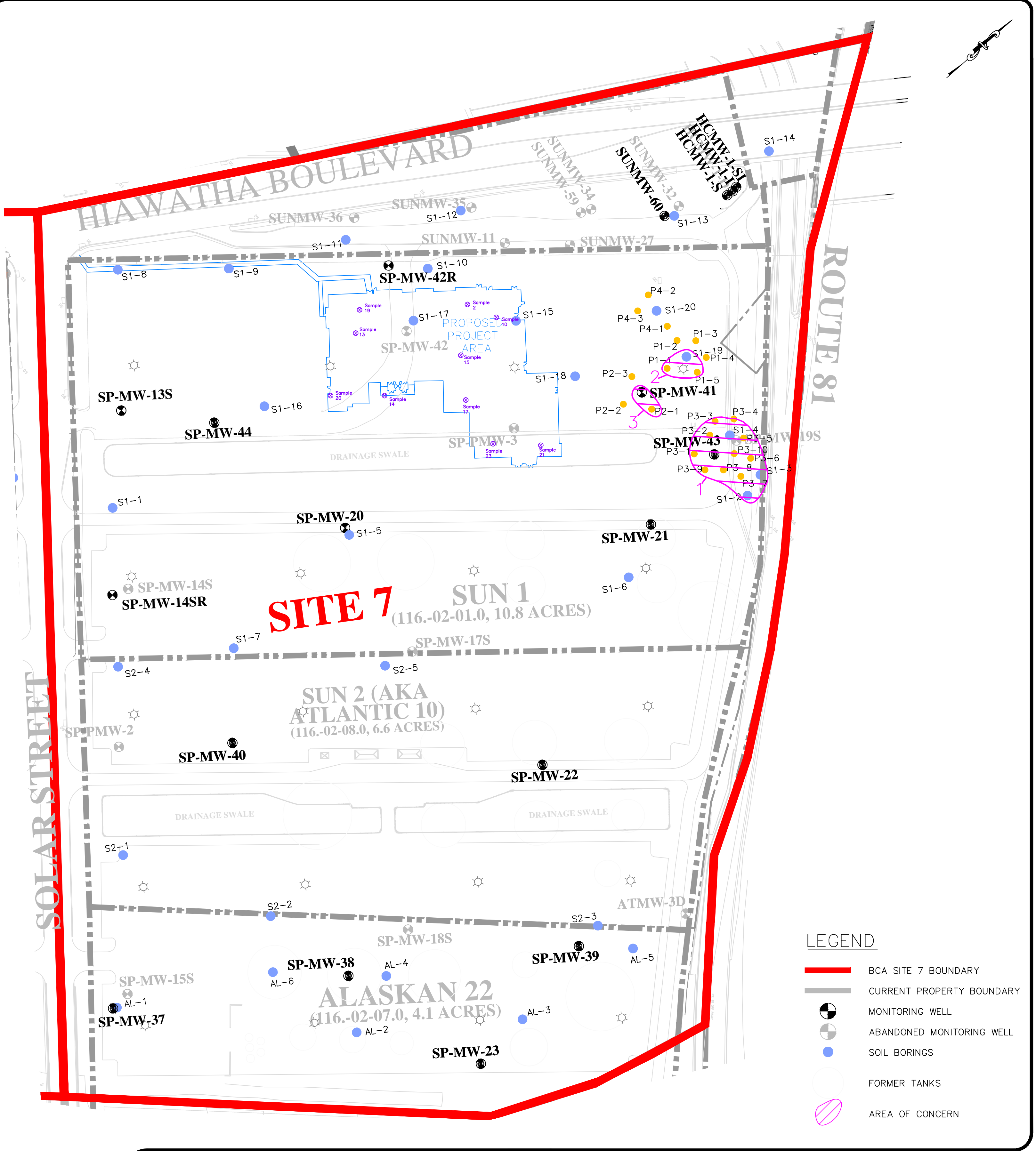
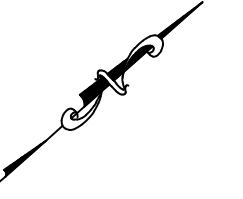
SITE 7
SOIL AND GROUNDWATER
SVOC and METAL EXCEEDANCES
DESTINY USA

CITY OF SYRACUSE ONONDAGA COUNTY, N.Y.

SPECTRA ENVIRONMENTAL GROUP, INC.
 19 British American Blvd
 Latham, N.Y. 12110

DATE: 12/13/16 SCALE: 1" = 80' DWG: 15209E FIGURE: 4C





- LEGEND**
- BCA SITE 7 BOUNDARY
 - CURRENT PROPERTY BOUNDARY
 - MONITORING WELL
 - ABANDONED MONITORING WELL
 - SOIL BORINGS
 - FORMER TANKS
 - AREA OF CONCERN

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT

PROJ. MGR: FRP
 PROJ. NO.: 15209
 PREPARED BY: JCK
 DRAFTED BY: JCK
 CHECKED BY:
 APPROVED BY:
 DATUM:
 CONTOUR INTERVAL = FEET

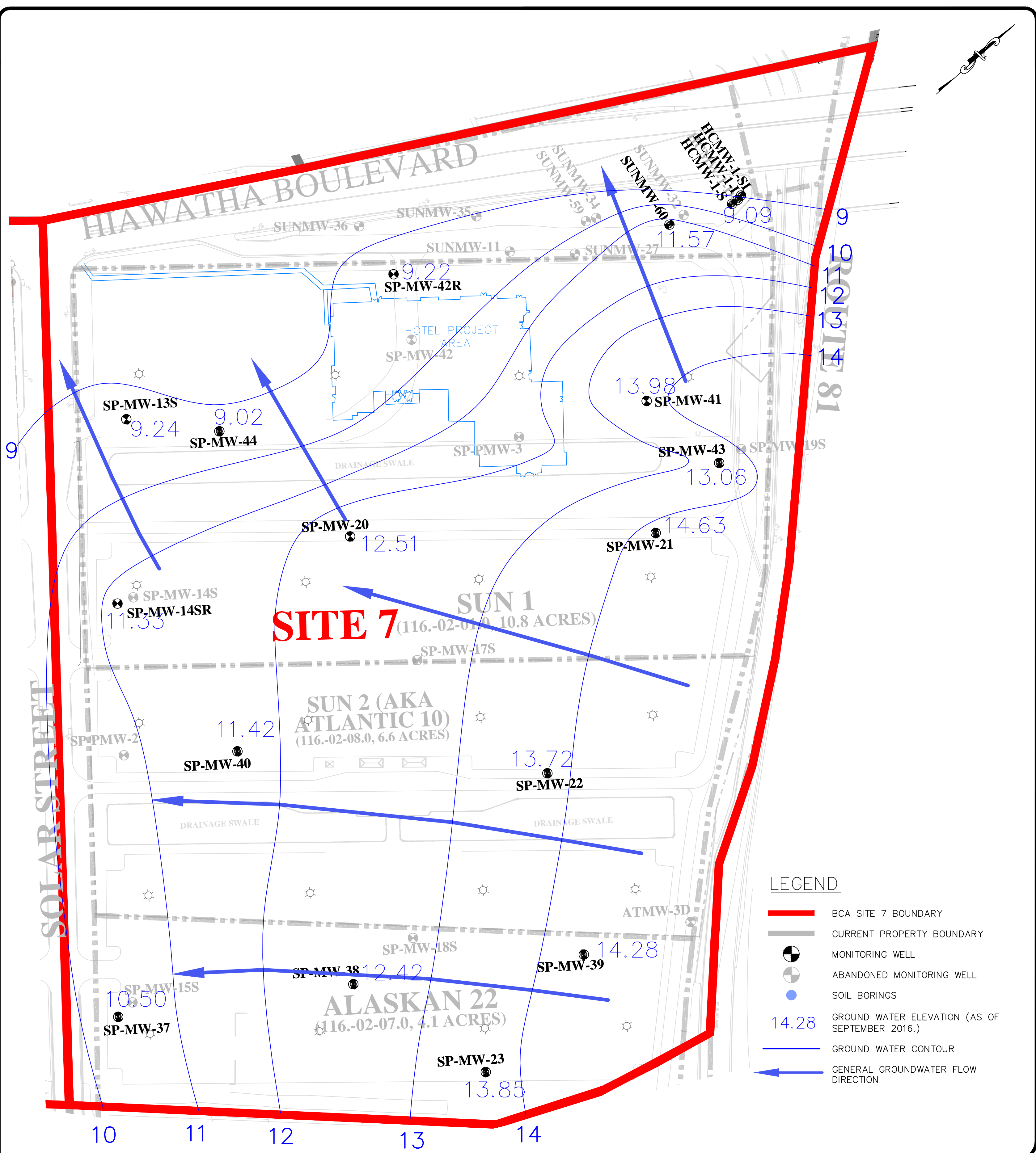
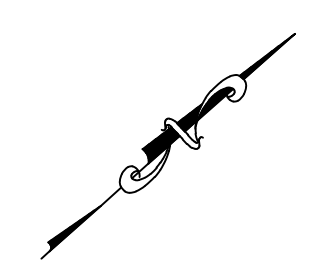
0 20 40 80 160
 1"=80'

SITE 7
 REVISED AREA OF CONCERN (AOC)
 DESTINY USA

CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
 19 British American Blvd
 Latham, N.Y. 12110

DATE: 11/7/16
SCALE: 1"=80'
DWG. NO. 15209E
FIGURE: 4D



LEGEND

- BCA SITE 7 BOUNDARY
- CURRENT PROPERTY BOUNDARY
- MONITORING WELL
- ABANDONED MONITORING WELL
- SOIL BORINGS
- GROUND WATER ELEVATION (AS OF SEPTEMBER 2016.)
- GROUND WATER CONTOUR
- GENERAL GROUNDWATER FLOW DIRECTION

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT

PROJ. MGR: FRP
 PROJ. NO.: 15209
 PREPARED BY: JCK
 DRAFTED BY: JCK
 CHECKED BY:
 APPROVED BY:
 DATUM:
 CONTOUR INTERVAL = FEET

**SITE 7
GROUNDWATER CONTOUR
DESTINY USA**

CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
 19 British American Blvd
 Latham, N.Y. 12110

DATE: 3/21/17 | SCALE: 1"=80' | DWG. NO. 15209C | FIGURE:

APPENDIX A
SITE SPECIFIC HEALTH AND SAFETY PLAN



ENVIRONMENTAL GROUP, INC.
ENGINEERING, ARCHITECTURE & SURVEYING, PC

SITE SPECIFIC HEALTH & SAFETY PLAN

**DESTINY USA BROWNFIELD CLEANUP PROGRAM SITES
SOLAR STREET
SYRACUSE, NEW YORK**

Prepared for:

New York State
Department of Environmental Conservation

Prepared by:

Spectra Environmental Group, Inc.
19 British American Boulevard
Latham, New York 12110

December 2016

**SITE SPECIFIC
HEALTH & SAFETY PLAN
DESTINY BROWNFIELD CLEANUP PROGRAM SITES
SYRACUSE, NEW YORK**

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Appendix F	Temperature Stresses: Policies and Procedures
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Appendix H	Hearing Protection
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SITE SPECIFIC HEALTH AND SAFETY PLAN

This Site Specific Health and Safety Plan (SSHSP) is designed to assure compliance with OSHA’s regulations covering hazardous waste sites (29 CFR 1910.120).

The purpose of the Site Specific Health and Safety Plan is to assure clear delegation of responsibilities, consistent work practices and proper oversight of health and safety issues during activities at the Destiny Brownfield Cleanup Program Sites as identified in the attached Figures 1 and 2.

This plan is site-specific and has been reviewed and approved by Spectra’s Corporate Health and Safety Officer and Project Manager prior to adoption.

A copy of this plan will available at the site. At the completion of planned activities, a copy of this plan shall be retained with other project related documentation including soil boring logs and well installation diagrams, etc.

APPROVED BY:

Spectra Corporate Health and Safety Officer (CHSO) Paul M. Adel, P.E.	Date
--	------

Spectra Project Manager Frank R Peduto, P.E.	Date
---	------

Spectra On-Site Supervisor (OSS)	Date
----------------------------------	------

1.0 INTRODUCTION

This Site Specific Health and Safety Plan (SSHSP) has been developed to identify potential hazardous substances and conditions known or suspected to be present on the site and ensure that they do not adversely impact the health or safety of personnel conducting field activities. It is also intended to ensure that the procedures used during these field activities meet reasonable professional standards to protect human health and safety of workers and the surrounding community. This plan incorporates by reference to applicable requirements of the Occupational Safety and Health Administration in 29 CFR Parts 1910 and 1926.

The requirements in this SSHSP are based on review of site-specific information and an evaluation of potential hazards identified during the completion of a Site 7 Remedial Investigation.

All field personnel working on this project must familiarize themselves with this SSHSP and abide by their requirements. Since every potential health and safety hazard encountered at a site cannot be anticipated, it is imperative that personnel are equipped and trained to respond promptly to a variety of possible hazards. Adherence to both plans will minimize the possibility that personnel at the site and the public will be injured or exposed to significant hazards. Information on potential health, safety, and environmental hazards is discussed in conjunction with appropriate protective measures including assignment of responsibility, personal protective equipment requirements, work practices, and emergency response procedures.

In general, subcontractors are responsible for complying with all regulations and client policies applicable to the work they are performing.

Spectra personnel can and must stop work by a Spectra subcontractor who is observed to not be following health and safety procedures required by the plan.

This SSHSP is specifically intended for those personnel who will be conducting activities within the defined scope of work at the site.

2.0 SCOPE OF WORK

Specific tasks covered by this SSHSP may include, but are not limited to:

- Performing inspections to characterize environmental or other hazards;
- Collecting soil samples from a drilling rig, excavation equipment, or hand tools;
- Observing earthen materials, fill, debris, through drilling activities, etc.;
- Investigating areas where hazardous substances are, or may be present;
- Decontaminating personnel and equipment;
- Containerizing of contaminated materials into 55-gallon drums for eventual disposal;
- Contaminated Soil Stockpiling and disposal;
- Collecting samples from drums, drilling activities, or other containers; and
- Groundwater and/or soil sampling.

3.0 DESIGNATION OF RESPONSIBILITIES

The responsibility for implementing this SSHSP is shared by the Project Manager, the Corporate Health and Safety Officer (CHSO) and the On Site Supervisor (OSS). The Project Manager will recommend policy on all safety matters including work practices, training, and response actions, and will provide the necessary resources to conduct the project safely.

The CHSO has overall responsibility for developing safety procedures and training programs, maintaining a high level of safety awareness; ensuring compliance with applicable federal, state, and local health and safety regulations; determining appropriate protection including the selection of protective equipment, maintenance schedules, and monitoring protocols; and maintaining close communication with the OSS and field personnel. The CHSO is the final decision point for determination of health and safety policies and protocols for all projects.

The OSS is responsible for establishing operating standards and coordinating all safety activities occurring at the site, with guidance from the CHSO. Specifically, the OSS is responsible for:

- Assuring that a copy of this SSHSP is at the site prior to the start of field activities and that all workers are familiar with it;
- Conducting training and briefing sessions if appropriate, prior to the start of field activities at the site and repeat sessions as necessary;
- Ensuring the availability, use, and proper maintenance of specified personal protective, decontamination, and other health or safety equipment;
- Maintaining a high level of safety awareness among team members and communicating pertinent matters to them promptly;
- Assuring that all field activities are performed in a manner consistent with Company policy and this SSHSP;
- Monitoring for dangerous conditions during field activities;
- Assuring proper decontamination of personnel and equipment;
- Coordinating with emergency response personnel and medical support facilities, and other Health and Safety representatives of the client and contractors;
- Initiating immediate corrective actions in the event of an emergency or unsafe condition;

- Notifying the Project Manager and CHSO promptly of any emergency, unsafe condition, problem encountered, or significant exceptions to the requirements in the SSHSP; and
- Recommending improved health and safety measures to the Project Manager, or the CHSO.

The OSS has the authority to:

- Suspend field activities or otherwise limit exposures if the health and safety of any person appears to be endangered;
- Direct Company or subcontractor personnel to alter work practices that are deemed not properly protective of human health or the environment; and
- Suspend an individual from field activities for significant infraction of the requirements in this SSHSP.

However, the presence of the OSS shall in no way relieve any person, company, or subcontractor of its obligations to comply with the requirements of this Plan and all applicable federal, state, and local laws and regulations.

The key element in the responsibility for health and safety is the individual field team member. Everyone must be familiar with and conform to the safety protocols prescribed in this SSHSP and communicate any relevant experience or observations to provide valuable inputs to improving overall safety.

4.0 SITE SPECIFIC HEALTH AND SAFETY CONCERNS

4.1 SITE LOCATION

Destiny Brownfield Cleanup Program Sites
Site 7, Solar Street
Syracuse, New York

4.2 SITE HISTORY AND SETTING

This Health and Safety Plan applies to the real property shown on Figure 1 and is to be used in connection with all phases/Sites of the Destiny USA project located in Syracuse, New York.

A comprehensive BCP Site 7 history and information regarding the physical setting is provided in Section 1.0 of the Site 7 Remedial Work Plan (RWP).

4.3 CHEMICAL CONSTITUENTS OF CONCERN

The primary health concerns and routes for exposure at this site are injection, ingestion, and absorption of soil, vapor, and groundwater through injection, inhalation, ingestion, puncture, and direct skin contact while collecting soil, vapor, and groundwater samples.

Skin and eye contact hazards are also potentially high. The protective equipment specified in Section 5.0 will provide adequate protection. Any symptoms are to be reported to the OSS, Project Manager, and CHSO immediately.

The potential for exposure will be further reduced by prohibiting drinking alcoholic beverages or smoking during all activities within the fieldwork areas.

Unknown or unexpected materials of a hazardous nature may be encountered during site activities. No work will be conducted if field measurements or observations indicate that a potential exposure is greater than the protection afforded by the requirements in this Plan.

- Anticipated contaminants include; VOCs, SVOCs, PCBs, Solvay Wastes, elevated pH and Metals in soil and groundwater.

Table 1 identifies the personal protective equipment for Level C and D protection.

Table 2 identifies personnel protective equipment associated with each potential task.

Note: Tables are at the end of the plan.

No safety hazards were identified other than those normally associated with this type of activity and therefore the potential hazards are generally well known to the personnel involved. Use of the specified personal protective equipment and air monitoring will minimize the risks.

5.0 SITE SPECIFIC HEALTH AND SAFETY REQUIREMENTS

5.1 KEY PERSONNEL

Destiny Site Contact

Name: Mr. David Aitken, Destiny USA
Telephone Number: (315) 422-7000

Project Manager

Name: Frank R. Peduto, P.E., Spectra
Telephone Number: (518) 782-0882

Spectra Corporate Health and Safety Officer

Name: Paul M. Adel, P.E., Spectra
Telephone Number: (518) 782-0882

Site On-Site Supervisor

Name:
Cell Telephone Number:

5.2 TRAINING

The Project Manager, OSS, and all personnel working inside a regulated area must have received training at least meeting the requirements established by the Occupational Safety and Health Administration in 29 CFR 1910.120 prior to the start of field activities.

Before authorized persons enter the active site for the first time, they will be briefed by the Project Manager or OSS as to the potential hazards that may be encountered. Topics will include:

- This SSHSP and the nature of its contents;
- Selection and use of personal protection equipment (PPE) to be worn;
- Decontamination procedures for personal protection and other equipment, as necessary;
- Emergency forms of notification, and evacuation routes to be followed;
- Prohibitions on smoking and carrying of tobacco products, eating, drinking, and open fires (except by permit) in the work area;
- Methods to obtain outside emergency assistance and medical attention;
- Specific health, safety, and emergency response requirements imposed by the facility's owner or operator; and

- The frequency and types of air monitoring, personnel monitoring, and environmental sampling techniques and instrumentation to be used, including methods of maintenance and calibration of monitoring and sampling equipment.

5.3 AIR MONITORING

Site-specific monitoring programs have been designed and are consistent with known or suspected exposure to hazardous materials. The following monitoring is planned as part of this project.

All areas are adequately ventilated and do not present a potential for accumulation of harmful or ignitable quantities of vapors. During ground intrusive activities, a photoionization detector will be used to measure total volatile organic compounds both around the intrusive area and in the Employee's breathing zone.

5.4 PERSONAL PROTECTIVE EQUIPMENT

The following procedures should be followed when donning protective equipment as appropriate: (NOTE: Specific donning and doffing procedures for each protection level are found in the appendices along with minimum requirements for quality of protective clothing).

Table 1 indicates the general levels of personal protective equipment (PPE) that will be used for on-site activities. Site and task specific levels of PPE assigned according to the chemicals of concern are listed in Table 2 at the end of this plan.

Unless the CHSO directs otherwise, when respirators are used, the cartridges should be changed after eight hours of use, or at the end of each shift, or when any indication of breakthrough or excess resistance to breathing is detected.

5.5 OTHER PROTECTIVE EQUIPMENT

A first aid kit, portable eyewash, and vehicle will be kept in close proximity to the site.

5.6 DECONTAMINATION PROCEDURES

Refer to Tables 1 and 2 and Appendix D for decontamination procedures.

Responsibility for treatment and disposal or decontamination waste products is the sole responsibility of the site owner/operator unless specific contractual arrangements have been established for the project. At no time will Spectra or its agents become the owner of wastes.

6.0 SITE CONTROL

If appropriate, the work site will be segregated into work zones based upon monitoring data, the nature of work to be performed, and site topography. The on site coordinator will establish and clearly mark the following areas with consultation of the project health and safety coordinator and project team lead:

1. Exclusion Zone – This will be the actual work site involved with the site activity. An outer boundary will be established and clearly marked. The area of the exclusion zone will be established based on on-site work conditions, exposure monitoring, etc.
 - a. Access to the exclusion zone will be limited to those employees who have the requisite training, protective equipment, and responsibilities for work in this area.
 - b. The area of exclusion zone will be changed as necessary depending on the site coordinators judgment regarding work conditions, air sampling, etc.;
2. Contamination Reduction Zone (CRZ) – An area between the actual work site (exclusion zone) and support zone will be established to facilitate employee and equipment decontamination, protective equipment storage, and supply.
 - a. The location of the CRZ will be established in an area offering minimal contamination and will be subject to change based on the site coordinators judgment considering work conditions, air monitoring, etc.;
3. Support Zone – An area free of contamination will be identified and clearly marked where administrative and other support functions (not requiring entrance to the exclusion or contamination reduction zone) can be performed. The actual siting of the support zone will be established by the project leader and site coordinator considering distance from exclusion zone, visibility, accessibility, freedom of cross contamination from the exclusion zone, air monitoring data, etc.; and
4. Security measures will be established by the site coordinator in conjunction with other project team members to control access to the site and prevent unauthorized access during working and non-working hours.

6.1 COMMUNITY AIR MONITORING

This Health and Safety Plan will incorporate the provisions contained in the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan.

As specified by NYSDOH, a Community Air Monitoring Plan (CAMP) will be implemented to provide real-time and continuous volatile organic compound (VOC) and particulate monitoring during ground intrusive activities (including test pitting, soil borings/monitoring well installation, and excavation).

Continuous VOC monitoring will be conducted at a monitoring station positioned along the downwind perimeter of the site. A determination of the downwind perimeter location will be based upon a review of the prevailing wind direction from available historic data at the nearest meteorological station. Prior to conducting and during ground intrusive activities, VOCs will also be monitored periodically from an upwind location. Upwind monitoring will be done at the start of each work day and at approximate time intervals of 2 hours, thereafter.

Continuous particulate air monitoring will also be performed at one upwind and one downwind perimeter location. It is anticipated that the particulate monitoring instruments will be located in close proximity to the VOC monitoring instruments. The particulate monitoring instruments will be equipped with an audible alarm to indicate any exceedance of the action level. In addition to automated monitoring, fugitive dust migration will also be visually assessed during all work activities.

All air monitoring equipment will be calibrated and operated in accordance with manufacturing specifications and NYSDOH requirements. Action levels for VOCs and particulate matter will be based on the recommended NYSDOH action levels.

7.0 EMERGENCY PLAN

The following standard emergency procedures will be used by on-site personnel. The OSS will be notified of any on-site emergency and be responsible for ensuring the appropriate procedures are followed and the CHSO and Project Manager are notified. A first aid kit, eye wash unit, and fire extinguisher will be readily available to field personnel. Questions regarding procedures and practices described in this plan should be directed to the CHSO.

7.1 NOTIFICATION

Upon the occurrence of an emergency including an unplanned chemical release, fire or explosion, personnel will be alerted and the area evacuated immediately. Reentry to the site will be limited to that necessary to assist injured personnel and only after appropriate protective equipment is donned.

The following alarm system will be utilized to alert personnel to evacuate the restricted area.

<input type="checkbox"/> Audible Alarm	_____
	Describe
<input checked="" type="checkbox"/> Direct Verbal Communication (10 employees or less)	
<input type="checkbox"/> Radio Communication or Equivalent (Remote Sites)	
<input type="checkbox"/> Other	_____
	Describe

The following standard hand signals will also be used as necessary:

Hand gripping throat	Can not breath / Out of air
Grip Partner's wrist	Leave area immediately (No debate)!
Hands on top of head	Need assistance
Thumbs up	Yes / Okay
Thumbs down	No / A problem

Upon activation of the alarm, employees will proceed to the designated assembly area. The designated assembly area will be determined on a daily basis and updated as necessary depending upon work conditions, weather, air monitoring, etc. The location of the designated assembly area will be clearly marked and communicated to employees daily or upon relocation of the area.

Employees gathered in the designated assembly area will remain there until their presence has been noted. A comparison of employees against the daily restricted area access roster will be necessary to assure all employees have been properly evacuated.

7.2 PERSONNEL INJURY

If anyone within a restricted area is injured and cannot leave the restricted area without assistance, all site personnel will assemble in the designated decontamination area. After donning appropriate protective equipment as determined by the OSS, a rescue team will enter the area to assist or remove the injured person. If entry requires the use of PPE, similarly equipped support personnel shall be on hand to lend assistance as necessary. The OSS will evaluate the nature of the injury, and the affected person will be decontaminated to the extent feasible prior to movement. Appropriate first aid will be initiated, and if required, contact will be made for an ambulance and with the designated medical facility. No person will re-enter the work area until the cause of injury or symptoms is determined.

7.3 FIRE/EXPLOSION

Upon the occurrence of a fire beyond the incipient stage or an explosion anywhere on the site, the fire department will be alerted and all personnel will be moved to a safe distance from the effected area.

7.4 PERSONAL PROTECTION EQUIPMENT FAILURE

If any worker in a Level C area experiences a failure or alteration of protective equipment that affects the protection factor (e.g. torn protective suit, odor inside respirator), that person (and his/her buddy, if in a regulated area) will immediately leave the work area. Re-entry will not be permitted until the equipment has been repaired or replaced and the cause of the problem is known.

7.5 OTHER EQUIPMENT FAILURE

If any other equipment at the work site fails to operate properly, the Project Manager and/or OSS will be notified and will then determine the effect of this failure on continuing operations. If the failure affects the safety of personnel (e.g. failure of monitoring equipment) prevents completion of the planned tasks, all personnel will leave the work area until appropriated corrective actions have been taken.

7.6 OFF-SITE EMERGENCY RESPONSE

Emergency response requiring actions beyond evacuation of personnel from the work area will be handled by notification of off-site emergency response agencies. Phone numbers for these agencies and other support services are listed below:

Fire Department:	911	
Ambulance:	911	
Poison Control Center:		(800) 222-1222
Chemical Emergency Advice (CHEMTREC):		(800) 424-9300

7.7 DIRECTIONS TO NEAREST HOSPITAL

Crouse Hospital
736 Irving Ave.
Syracuse, New York 13210
(315) 470-7111

- 1: Start out going **NORTHEAST** on **BEAR STREET WEST**.
- 2: Take the **2nd RIGHT** onto **GENANT DRIVE**.
- 3: Take the **RAMP** on the **LEFT** onto **I-81 SOUTH**.
- 4: Take **EXIT 18** toward **HARRISON STREET/ADAMS STREET**.
- 5: Keep **LEFT** at the fork, follow signs for **ADAMS STREET**.
- 6: Turn **RIGHT** onto **ALMOND STREET**.
- 7: Turn **LEFT** onto **EAST ADAMS STREET**.
- 8: Turn **RIGHT** onto **IRVING AVENUE**.
- 9: End at Crouse Hospital
736 Irving Avenue
Syracuse, New York 13210

Estimated Time: 6 minutes Estimated Distance: 2.6 miles

7.8 RECORD KEEPING

Spectra shall maintain records of reports concerning occupational injuries and illnesses in accordance with 29 CFR 1904.

TABLES

TABLE 1
PERSONAL PROTECTIVE EQUIPMENT FOR LEVEL C AND D PROTECTION

Equipment	Protection Level	
	C	D
Air-purifying respirator	Yes	No
Chemical-resistant disposable coveralls	Yes	(1)
Chemical-resistant outer gloves	Yes	Yes
Disposable inner gloves	Yes	No
Over boots (chemically resistant)	Yes	(1)
Leather shoes/boots or safety shoes	Yes	Yes
Safety glasses, goggles, or face shield	Yes	(1)
Hard Hat	Yes	Yes
Coveralls (Non Chemical Resistant)	(1)	(1)

(1) Optional at the discretion of the employee and SHSO depending on site-specific hazards.

Level C respiratory protection is to be full-face-piece or half-face-piece NIOSH approved air purifying respirators equipped with organic vapor cartridges and/or high efficiency particulate filters.

TABLE 2
PERSONNEL PROTECTIVE EQUIPMENT ASSOCIATED WITH EACH PROJECT TASK

Task	Chemicals of Concern	PPE Level	Cartridge Type	Protective Eye Wear	Gloves	Hard Hat	Coveralls
General Field Surveys (No direct chemical contact) (2)	Chemicals	D	Not applicable	Optional (1)	Optional (1)	Optional (1)	Optional
Well Sampling, trench pit sampling, Excavation (2)	Chemicals	D*	As needed	Required	Nitrile Latex Leather Gloves	Required	Tyveck, Poly-Coated Tyveck or Sararex-Tyveck Standard Work Coveralls
Heavy equipment	NA	NA	NA	Required	NA	Required	NA

* Level C upgrade may be required depending on breathing zone air monitoring. If upgrade required utilize cartridge type 642-0V, 6412-0A, 642-MPC.

(1) Hard hat required if bump hazards or heavy equipment usage in work area.

(2) Footwear always required during all site operations.

FIGURES

APPENDIX A
GENERAL FIELD SAFETY RULES

FIELD SAFETY

GENERAL SAFETY RULES

1. Field Service personnel should maintain communications with their office counterparts. Periodic phone calls may be warranted to assure no mishaps have occurred.
2. The location and phone numbers of the nearest emergency care facility and local fire and police department should be determined and be readily available to field service employees prior to site access.
3. During initial site characterization potential hazards arising from unstable topography, presence of water, construction debris, plants, insects or animals should be identified and measures taken to avoid them.
4. Access to remote locations warrants careful consideration of protective clothing and/or first aid supplies to prevent and/or address insect or animal bites/stings, etc. Proper first aid supplies and use of a buddy system are especially important for employees who have known allergies. Employees requiring immediate access to special first aid supplies (e.g. prescription drugs for allergies), shall be responsible for obtaining and arranging for administration of these medications as prescribed by their physician.
5. Spectra's employees who are at a customer's facility will be expected to adhere to the plant or facility safety and health rules in addition to the health and safety plan for the project. Where there are conflicts between facility rules and Spectra's health and safety plan, the project manager and corporate health and safety officer should be contacted for resolution of inconsistencies. Wherever possible, the two plans should be reviewed prior to site access to identify and resolve any conflicts.

APPENDIX B
FIRST AID EQUIPMENT LIST

FIRST AID EQUIPMENT LIST

The first aid kits that will be kept at the site will consist of a weatherproof container with individually sealed packages for each type of item. The kit will include at least the following items:

- Gauze roller bandages, 1-inch and 2-inch
- Gauze compress bandages, 4-inch
- Gauze pads, 2-inch
- Adhesive tape, 1-inch
- Band aids, 1-inch
- Butterfly bandages
- Triangular bandages, 4-inch
- Ampules of ammonia inhalants
- Antiseptic applicators or swabs
- Burn dressing and sterilized towels
- Surgical scissors
- Eye dressing
- Emergency eye-wash
- Alcohol
- Hydrogen Peroxide
- Clinical Grade Thermometer

APPENDIX C
PROTECTIVE CLOTHING

PROTECTIVE CLOTHING

Protective clothing shall meet the following minimum requirements:

1. They shall provide adequate protection against the particular hazards for which they area designed.
2. They shall be reasonably comfortable when worn under the designated conditions.
3. They shall fit snugly and shall not unduly interfere with the movements of the water.
4. They shall be durable.
5. They shall be capable of being disinfected.
6. They shall be easily cleanable.
7. Protective clothing should be kept clean and in good repair.

APPENDIX D
DONNING AND DOFFING PROTECTIVE
CLOTHING LEVEL C AND D

DONNING AND DOFFING PROTECTIVE CLOTHING

LEVEL C Donning

1. Inspect equipment to ensure it is in good condition.
2. Place feet into the legs of chemically resistant protective suit (as specified in task specific health and safety plan and gather suit around waist.
3. Put on chemically resistant outer boots (as specified in the task specific health and safety plan) over feet of the suit and tape at boot/suit junction.
4. Don inner gloves (if required) placing wrist of glove beneath the chemically resistant suit.
5. Close suit and tape closure flaps.
6. Don air purifying respirator equipped with appropriate cartridges.
7. Perform negative/positive pressure tests.
8. Don safety glasses and hard hat (as required).
9. Don chemically resistant outer gloves and tape at glove/suit junction.
10. Have assistant check all closures and observe wearer to ensure fit and durability of protective gear.

LEVEL C Doffing

1. Wash outer boots, gloves, and protective suit.
2. Remove tape at seams.
3. Remove boot covers and outer gloves.
4. Wash safety boots (as necessary).
5. Remove safety boots and suit.
6. Wash inner gloves.
7. Wash and remove face piece (and set aside for final decontamination).
8. Remove inner gloves.
9. Remove inner clothing (as necessary).
10. Field wash (as necessary).
11. Redress.

LEVEL D Donning

1. Inspect equipment to ensure it is in good condition.
2. Place feet into the legs of protective suit and gather suit around waist.
3. Put on outer boots over feet of the suit and tape at boot/suit junction.
4. Don inner gloves (if required).
5. Don suit over top of inner gloves.
6. Don safety glasses and hardhat as (required).
7. Close suit and tape closure flaps.
8. Don outer gloves and tape at glove/suit junction.
9. Have assistant check all closures and observe wearer to ensure fit and durability of protective gear.

LEVEL D Doffing

1. Wash outer boots and gloves.
2. Remove tape at seams.
3. Remove boot covers and outer gloves.
4. Wash suit/safety boots.
5. Remove safety boots and suit.
6. Wash inner gloves.
7. Remove inner gloves.
8. Remove inner clothing (as necessary)
9. Field was (as necessary).
10. Redress.

APPENDIX E
GENERAL HEALTH AND SAFETY GUIDELINES
FOR DRUM HANDLING

GENERAL HEALTH AND SAFETY GUIDELINES FOR DRUM HANDLING

Drum handling can pose serious hazards such as detonation, fire, explosion, vapor generation, and physical injury if proper precautions and procedures are not taken. To eliminate such potential hazards, the following precautions should be followed when handling drums:

1. Visual Inspection: Prior to handling, the drums should be checked for symbols or labels indicating potential contents, signs of deterioration (i.e. corrosion, rust, leaks), evidence of pressure (i.e. swelling and bulging), drum type, and the configuration of the drum head.
2. Assess conditions in the immediate vicinity of the drum: Monitor around the drums using organic vapor monitors and a combustible gas meter to possibly determine drum contents and associated hazards. Radiation Surveys should be performed where drum contents may include Radioactive Materials.
3. Based on this preliminary investigation, develop a plan to specify the extent of handling necessary; the personnel selected for the activity and the most appropriate precautions to be taken. Be aware that negative determinations regarding organic vapors and radiation do not rule out hazards such as corrosives, unstable compounds, spontaneous ignition, or reactive materials.
4. Select drum handling equipment:
 - a. Drum handling grapple attached to a hydraulic excavator.
 - b. Small front-end loader.
 - c. Rough-terrain fork-lift.
 - d. Roller conveyor equipped with solid rollers.
 - e. Drum cart designed specifically for drum handling.

NOTE: The drum grapple is the preferred method because it allows the operator to be remote from the activity.

5. Prior to initiation of drum handling operations:
 - a. Personnel designated to handle drums should be trained in the proper lifting and movement techniques.
 - b. Vehicle selection: vehicles should have a sufficient load capacity to handle the anticipated load to be carried.

- c. Respirator protection: a health and safety professional should recommend the proper respiratory protection to be utilized.
- d. Overpacks: there should be a sufficient number of overpacks available in case of accidental spills or leaks.
- e. Movement: an appropriate sequence of events regarding movement should be determined.

6. Site Specific Conditions

Contents/Condition of Drums

Special Precautions

Radioactive Waste:

- Only personnel specifically trained to work with radioactive waste should handle drums.
- If background levels are in excess of 2.0 mRem/Hr, contact a health professional immediately.

Explosive or Shock Sensitive Waste

- Evacuate non-essential personnel.
- Employ a grappler unit specifically designed for exposure containment.
- Palletize drums securely.
- Use audible siren signal system to identify the commencement and completion of explosive waste handling activities.
- Maintain continuous communication with site safety officer.

Bulging or Swelling Drums

- Same as for explosive drums.
- Carefully overpack as necessary.

Leaking, Open or Deteriorating Drums

- If ruptures are noted, transfer contents to a drum in sound condition, using a pump designed for transporting that liquid.
- Using a drum grappler, immediately place drum in an overpack.

Buried Drums

- Prior to subsurface excavation, use ground-penetrating systems such as electromagnetic wave, electrical sensitivity, ground penetrating radar, magnetometry, or a metal detector to locate and determine the depth of the drum.
- Have a dry chemical fire extinguisher available.

7. Drum Opening: The following procedure should be followed when opening drums:
- a. Have a sufficient supply of air cylinders available for Supplied Air Respirators outside the work area and supply air to operator via airline and escape SCBA's.
 - b. Place explosion resistant shields between operators and drums where drum contents are suspected to include explosives or unstable materials. All controls for drum opening equipment, monitors, and fire suppression equipment should be located behind the shield.
 - c. Monitor continuously during opening. Place sensor as close to the drum opening as possible.
 - d. Utilize remote control devices to open drums. Examples of such devices are:
 1. Pneumatically operated impact wrench to remove drum bungs.
 2. Hydraulically or pneumatically operated drum piercers.
 3. Backhoes equipped with bronze spikes for penetrating drum tops in large scale operations.
 - * Do not use chisels, picks, or firearms to open drums.
 - ** Hang or balance the drum opening equipment to minimize worker exertion.
 - *** If the drum exhibits signs of swelling and/or bulging, relieve excess pressure prior to opening it. When possible, remote control devices should be employed. If manual opening is necessary an explosive resistant plastic shield should be used.
 - e. PVC/polyethylene or exotic metal drums should be opened by removing or drilling the bung. The drum should then be re-sealed as soon as possible. When re-sealing is not possible, overpacks should be used and any holes plugged with 5 psi pressure venting caps.
8. Sampling: Since one of the most dangerous tasks associated with drum handling is sample collection, the following precautionary measures should be taken when collecting samples:
- a. Research background information about the waste.
 - b. Determine, which drums, should be sampled.
 - c. Select an appropriate sampling device and container.

- d. Develop sampling strategy.
 - e. Develop standard procedures for opening, sampling, sample packaging, and transportation.
 - f. Have a health and safety professional determine the level of protection to be used during sampling, decontamination and packaging.
 - g. Obtain samples with glass rods or vacuum pumps.
9. Characterization: obtain necessary information to determine how to deal and efficiently package and transport wastes for treatment and disposal.
10. Staging: to facilitate characterization, remedial action and to protect from potentially dangerous site conditions, a staging area should be identified. The staging area is site specific and can consist of up to five separate areas (i.e. opening area, sampling area, second staging area, and final staging area). When staging drums, they should be in two rows spaced 7-8 feet apart.
11. Bulking: once characterized, wastes can be mixed together and placed in tanks or vacuum trucks for shipment and treatment at a disposal facility (i.e. bulking) wastes:
- a. Inspect each tank and trailer and remove any residual materials from trailer prior to transporting (e.g. to prevent mixing of incompatible materials).
 - b. Use pumps for removing hazardous liquids. These pumps must be appropriately rated and have a safety relief valve with a splash shield. Hoses, gaskets, valves, and fittings should be compatible with the material being pumped.
 - c. Store flammable wastes in appropriate containers.
12. Shipment:
- a. All shipments must comply with US DOT and EPA regulations pertaining to the shipment of hazardous materials.
 - b. The bulking area should be as close to the site exit as possible.
 - c. Prepare a circulation plan to minimize the conflict between clean-up teams and waste haulers.
 - d. Allow adequate space for vehicles to turn around.
 - e. Require drivers to remain in cabs in vehicle staging area.
 - f. Provide for the proper protection for vehicle drivers.

- g. Do not double stack drums.
- h. Tightly seal drums.
- I. Make sure the truck and bed walls are clean and smooth.
- j. Keep bulk solids several inches lower than the top of the truck bed.
- i. Make sure the truck and bed walls are clean and smooth.
- j. Keep bulk solids several inches lower than the top of the truck bed.
- k. Cover loads with a clean layer of soil, foam, or a tarp.
- l. Weigh vehicles to assure safe operation.
- m. Decontaminate vehicle tires.
- n. Check vehicle for visible emissions.
- o. Develop procedures to be followed in the event that the vehicle has a mechanical malfunction or accident.

APPENDIX F
TEMPERATURE STRESSES
POLICIES AND PROCEDURES

TEMPERATURE STRESSES POLICIES AND PROCEDURES

Cold Stress

Exposure to cold environments can result in reduced mental alertness, confusion, irritability, and loss of consciousness. These effects are due to a lowering of the body's core temperature and can occur even if exposure is to air (or water) above freezing temperature (32°F, 0°C). High wind currents can aggravate exposure to cold temperatures by increased perceived cooling known as wind chill. Bodily extremities are at risk of "frost bite" when temperatures in the work environment are below freezing. The extremities are particularly sensitive to frostbite because of circulatory changes the body makes to maintain body core temperature. Symptoms of excessive exposure to cold include severe shivering and or pain in the extremities.

Fatal exposures are almost always due to an inability to escape from the cold environment (air or water).

Older employees or those with circulatory problems are more susceptible to cold stress.

Controls

The objectives of a cold stress management program are to maintain body core temperatures above 96.8°F (36°C) and prevent injury to the extremities (frost bite). The methods by which this is done include provision of appropriate clothing (including face, hand, and foot coverings), scheduling periodic "warm-up" breaks in heated shelters, and careful monitoring of employees and conditions in which they are working.

Clothing

Insulated clothing may be necessary for sustained work in environments below 40°F. Exposure to air currents at temperature below 40°F requires additional protective insulated clothing including outer windbreak garments.

Light work around water under cold conditions may require the use of impervious outer clothing to prevent wetting of inner insulating layers. Heavy work involving the use of impervious outer clothing is of concern as sweat may wet inner clothing and actually leads to cold stress. Impervious clothing should be equipped with provisions for adequate "breathing" to allow for evaporation of sweat. Wet clothing must be changed immediately when working in air temperatures near freezing.

Breathability of undergarments should also be high to encourage sweat evaporation. Good examples include special weaves of synthetic or wool socks which encourage wicking away of sweat from inner to outer layers.

Working in temperatures below freezing requires special protection of extremities through face and head covers, insulated gloves, and boots.

Warm-up Breaks

Periodic warm-up breaks in heated shelters should be scheduled for work below 20°F. The frequency of breaks should be increased and the duration should be shortened as temperature decreases, wind chill increases (winds > 5-20 mph) or based on careful observation of employees. The onset heavy shivering, occurrence of frost bite, or feelings of excessive fatigue or euphoria should trigger prompt return to the shelter.

Shelter areas should offer protection from the wind. When the employee first enters the shelter, the outer layer of clothing should be removed and remaining clothing loosened to allow for sweat evaporation. Dry clothing should be issued as necessary. Reentry to cold stress environments with wet clothing is to be avoided.

Provision of warm, sweet fluids or hot soups can help control dehydration. Coffee is not recommended due to its diuretic effect.

Monitoring/Work Scheduling

Employees should be closely monitored for development of cold stress symptoms. Constant observation is recommended at temperatures below 10°F.

Ambient air temperature measurements may be of value in establishing prescribed work/warm-up regiments for environments below 60°F. Wind speed measurements are necessary when air temperatures are below freezing. The American Conference of Industrial Hygienists (ACGIH) has published work/warm-up schedules based on air temperature and wind velocity when air temperatures are -15°F or colder.

Working intensity should be paced slow enough to avoid heavy sweating (without provisions for changes of dry clothing), but heavy enough to minimize prolonged periods of sitting or standing still.

Heat Stress

The stress of working in a hot environment can cause a variety of strains on the body, including heat exhaustion or heat stroke; the latter can be fatal. Personal protective equipment can significantly increase heat stress. You should learn to recognize the symptoms of heat stress in

yourself and coworkers and take necessary actions when they occur. Your supervisor should provide instructions on ways to reduce or prevent heat stress, including frequent rest cycles to cool down and replace the body fluids and salts lost through perspiration. Some of the symptoms, which indicate heat exhaustion, are:

- Clammy skin
- Light-headedness
- Confusion
- Slurred speech
- Weakness, fatigue
- Fainting
- Rapid pulse
- Nausea (vomiting)

If these conditions are noted, take the following actions in the order given:

- Take victim to a cooler and uncontaminated area
- Remove protective clothing
- Give water to drink, if conscious.
- Allow to rest.

Symptoms that indicate heat stroke include:

- Staggering gait
- Hot skin, temperature rise (yet may feel chilled)
- Incoherent, delirious
- Mental confusion
- Convulsions
- Unconsciousness

If heat stroke conditions are noted, take the following actions in the order given:

- Take victim to a cooler and uncontaminated area
- Remove protective clothing
- Give water to drink, if conscious

- Cool victim with water, cold compresses, and/or rapid fanning
- Transport victim to a medical facility for further cooling and monitoring of body functions. HEAT STROKE IS A MEDICAL EMERGENCY.

Background

Heat stress is one of the most common stresses encountered in work at hazardous waste sites. This is especially true when work tasks require the wearing of impervious personal protective equipment. Heat stress can occur in environments where the ambient temperature is as low as 75°F (24°C) depending on humidity, solar load, work schedules, and use of personal protective equipment.

The goal of heat stress management is to maintain the body temperature of employees below 100.4°F (38°C). The key to a successful program is to recognize when a potential heat stress condition exists. Carefully monitor employees, work conditions, schedules, and control heat build up by work rotation, employee selection, training, provision of fluids, and cooling aids ranging from a shaded rest area to vortex cooled suits depending on the severity of conditions.

Preparation for prompt response to the occurrence of heat stress symptoms is essential. Appropriate levels of response range from observed rest in a cool area to immediate medical attention. The location of and access to necessary support services including emergency medical care should be firmly established prior to work in potential heat stress environments.

Recognition

Individual employees vary greatly in their ability to withstand heat stress. The most important factors related to ability to work in heat stress environments include physical conditioning, general health status, and acclimatization to heat environments, weight, job demands, and age.

Acclimatization is a process in which the body gradually becomes better able to withstand heat stress through more effective sweating without extreme loss of body salts, while maintaining lower heart rates and body temperature. The acclimatization process usually takes from several days to a week to take effect. Acclimatization can be lost within one week's absence from the work environment.

Reactions to heat stress progress from discomfort to inefficiency, physiological risk, collapse, and pain as exposure increases. It is important to be alert to the appearance of heat stress symptoms among exposed employees. Initial symptoms include confusion, altered behavior (including sudden fits of anger), and affected judgments. The onset of these symptoms is often unrecognized by the victims of heat stress.

The classic symptoms of heat stress include:

Heat Rash

Due to blockage of sweat glands, this is often perceived as a tingling or burning sensation on the skin. Recommended treatment is removal to a cool environment. Cool showers and gentle drying may help.

Heat Cramps

The occurrence of intense and painful cramps in the skeletal and abdominal muscles often caused by salt depletion due to heavy sweating. Prevention consists of maintaining adequate salt intake through a balanced diet. Supplemental fluids containing minerals may also help (such as fruit juices, Gatorade, etc.). No caffeinated beverages or alcoholic beverages.

Heat Exhaustion

General feelings of fatigue culminating with circulatory insufficiency due to dehydration. The skin is wet and pale. Nausea and fainting may occur but the body temperature is not unusually elevated. Treatment consists of placing the patient in a cool environment and providing water.

Heat Stroke

The most serious reaction to heat stress as a result of failure of the temperature regulatory system. Medical attention is required immediately to avoid fatalities or possible brain damage. Symptoms of heat stroke include elevated body temperature (>104°F) often accompanied with hot, dry skin with decreased or no sweating.

Treatment consists of immediate reduction of body core temperature and immediate medical attention. If heat stroke symptoms are noted in the field, accompanying personnel should attempt any measures available to reduce body temperature immediately. Such steps may include ice and cold packs, water immersion, fanning, etc.

Monitoring

When heat stress conditions are suspected, it is important to monitor environmental conditions and the employees. There are a number of heat stress indices based upon environmental combinations of ambient temperature, humidity, and solar loading. The most popular indices are the Wet Bulb Globe Temperature Index (W.B.G.T. – ACGIH-TLV's) and Apparent Temperature

(A.T.). Unfortunately none are universally accepted due to limitations of study populations or conditions on which they are based. Most common concerns with heat stress indices relate to variables in physical condition, solar and convective heat loading, and clothing. No heat stress index is appropriate for work in impervious clothing, a frequent requirement for hazardous waste site work. As such, heat stress indices should be viewed as indicators of potential heat stress conditions but control measures are based on keen observation and monitoring of the employees themselves.

With normal work clothing and heavy work loads, one should be alert to potential heat stress at ambient temperatures of 75-80°F and high humidity. With very low humidity and similar work conditions observers should be alert for signs of heat stress at temperatures of 80-90°F.

Impervious work clothing interferes with one's primary cooling mechanism; evaporative cooling of sweat. As the sweat cannot evaporate, heat storage and elevated body temperature could be expected at much lower ambient temperatures, probably better correlated with work level and intensity than ambient temperature. NIOSH has recommended frequent (hourly) monitoring of employees working in impervious clothing in full sunlight at ambient temperatures as low as 70-75°F.

An effective means to monitor employees in addition to observation for signs or symptoms of heat stress is through a heart rate check at the beginning of scheduled cycles. The goal is to establish a work-rest schedule, which maintains heart rates below 110 beats per minute. Heart rate checks above 110 beats per minute should be followed by reducing the subsequent work period duration by 1/3.

The frequency of employee monitoring should be increased up to 4 times per hour in extreme conditions, for employees wearing impervious clothing.

Monitoring of oral temperature (<99.6°F) and/or water loss (<1.5% of body weight) has been suggested by NIOSH. These measures, while useful, may prove difficult under field conditions.

Control Measures

The most common and universally applicable control for management of heat stress involves adjustment of work loads and work-rest scheduling. Work breaks should be scheduled at a frequency of between 1 every 2 hours up to 1 every 15 minutes depending upon work rate, heat load, personal protective equipment used, and workers' physical condition.

As newly exposed employees begin work in hot environments their work schedules should be set at 50% and increased 10% per day to allow for acclimatization. Employees will generally self

limit exposure based on signs or symptoms of heat strain, but the insidious nature of heat stress symptoms warrants caution in relying on oneself to control heat stress.

Work break areas should be shaded or cooler than the work environment, if possible. Cool, portable water should be immediately available to workers and administered in a manner which encourages frequent drinks of small amounts (approximately 4 oz.). Mineral supplemented water (e.g. Gatorade) may be found more acceptable to employees under hot conditions. Once acclimated, employees are generally able to obtain adequate minerals (and salt) from a well balanced diet.

NOTE: Additional salt tablets should not be used in field.

Extreme conditions of temperature, humidity, or impervious protective clothing, warrant provision of additional cooling measures, e.g. fans, field showers, and possibly artificially cooled suits.

The most effective control for management of heat stress is thorough training of employees to enable recognition of potential heat stress conditions and taking of appropriate preventative actions. Any behavior exhibiting signs or symptoms of heat stress should be promptly investigated and appropriate treatment rendered.

Susceptible Populations

Employees who are not physically fit or who suffer cardiovascular insufficiency are more susceptible to heat stress. Employees under the influence of drugs or alcohol may be an increased risk. Employees who have previously suffered sun or heat strokes are also more susceptible to repeat occurrences of heat stress.

APPENDIX G
SOIL AND WELL SAMPLING HEALTH
AND SAFETY GUIDELINES

SOIL AND WELL SAMPLING HEALTH AND SAFETY GUIDELINES

Collection of soil, waste, and/or other environmental samples at hazardous waste sites presents a variety of potential health and safety hazards, many of which are due to the use of required equipment decontamination agents to assure appropriate quality control. Health and safety concerns due to potential hazards posed by the particular work site under investigation are addressed by the formal health and safety plan for that site. The following are key health and safety issues and recommend practices for field work involving sample collection at any work site. They address concerns posed by work activities necessary as part of proper sample collection techniques and quality assurance practices.

1. Protection from skin contact with soil, water, or waste borne chemicals requires the selection and use of garments and protective coverings that will stop the chemicals in question and will not degrade upon chemical contact. This is especially important for highly concentrated chemicals (e.g., free product, concentrated wastes, and decontamination chemicals).
 - A. Thin, disposable latex or vinyl gloves are not designed to prevent entry of or withstand prolonged contact with many chemicals for which sampling is performed or which are used to decontaminate sampling equipment. These gloves are used primarily for quality control purposes as part of sample collection techniques.
 - B. Where protection is necessary to prevent skin contact with suspect contaminants, the protective coverings should be worn under outer disposable gloves used for quality control purposes. This may require the use of large or extra large disposable gloves to accommodate inner coverings and not rip during donning/doffing.
2. Collection of samples containing high solvent concentrations may liberate volatile organics at levels sufficient to warrant respirator use (in addition to skin protection). This is especially true where high concentrations of materials or chemical layers (floating product) are encountered. Potential emissions should be monitored and protective equipment upgraded as specified in the health and safety plan.
3. During equipment decontamination activities involving extensive use of acetone, hexane, methanol, or other solvents, Level C protection including organic vapor cartridges or equivalent, may be warranted.

In addition, eye and skin protection may be required during decontamination activities requiring the use of nitric acid. It should be noted that improper preparation by the laboratory of acid preservatives in sampling containers might release irritating fumes unexpectedly upon addition of liquid samples.

4. Transport and storage of chemicals required for decontamination procedures require appropriate safeguards to prevent contact between incompatible and/or combustible materials. Nitric acid is an oxidizer capable of starting a fire upon contact with flammable or combustible materials.

The attached table highlights key precautions for safe work with common sample decontamination materials.

APPENDIX H
HEARING PROTECTION

HEARING PROTECTION

1. Hearing protection (ear muffs or plugs) is required whenever employees are exposed to noise levels of 85 decibels or greater as an 8-hour time weighted average (TWA). Industrial Hygiene workers exposed to noise levels in excess of 90 dBA will wear hearing protection regardless of the duration.
2. Hearing protection is to be inspected before each use for tears and contamination. If deficiencies are noted, the hearing protector should be cleaned, repaired, or replaced before use.

APPENDIX I
PROCEDURES FOR TANK CUTTING AND EXCAVATION
TRENCH OR TEST PIT DIGGING

PROCEDURES FOR TANK CUTTING AND EXCAVATION

A. TANK CUTTING PROCEDURES

1. Prior to the cutting of the tanks, all flammable vapors shall be removed from the tank by displacement using one of the following methods:
 - a. By introducing CO₂ gas directly into the tank, via the fill line, to purge flammable vapors. A minimum of one 75 lb. cylinder of CO₂ gas per 2000 gallons of tank volume should be used. Care must be exercised to prevent buildup of any static charges. The nozzle must be grounded and the gas introduced slowly to reduce static. NOTE: Flammable vapors will flow out of the tank during purging. All sources of ignition must be kept away the area.
 - b. By introducing nitrogen gas into the tank, via the fill line, to purge flammable vapors. The vapors within the tank must be displaced with an amount of nitrogen gas equal or greater than the volume of the tank atmosphere. Grounding of the nozzle or hose to prevent static buildup is recommended.
 - c. By adding dry ice, 1.5 pounds per 100 gallons of tank capacity. The dry ice should be crushed and distributed evenly over the greatest possible area of the tank's interior. As the dry ice vaporizes, flammable vapors will flow out of the tank. Therefore, all safety precautions regarding flammable vapors must be utilized.
2. During the removal of these vapors, all ignition sources or open flames shall be eliminated from the immediate area. An explosimeter shall be used to determine if the resultant vapor mixture exceeds ten percent of the Lower Explosive Limit (LEL). If the vapor within the tank exceeds this, the displacement procedure will be repeated followed by a recheck of the LEL. After acceptable LEL levels have been reached, the tank will be cut using appropriate methods. NOTE: After purging, the tank must be entered as if it is oxygen deficient. Proper purging (with fresh air) and confined space entry procedures must be followed prior to entry of the tank for any reason.

TRENCH OR TEST PIT DIGGING

Trench or test pit digging can be expected to present hazards in addition to those encountered during general field work or drilling. Added control measures to be considered include the following:

1. Careful positioning of equipment with respect to the presence of known submerged objects.
 - a. Where possible, power to underground electrical lines should be turned off (and locked out) while excavation activities are in process or until the area is secure from entrance of personnel.
 - b. Known gas (or chemical) lines adjacent to the immediate excavation site should also be secured (valves turned off and locked out) while excavation is underway or access by outside personnel possible. Where possible, it is desirable to purge these lines of their contents prior to start of excavation.
2. Controlled digging under careful observation of a watch person who has clear communication with the equipment operator. The watch person should be alert to notice the presence of (unknown) buried objects by visual inspection or metal detection surveyance of the immediate excavation area.
3. Significant surface area of ground is exposed to the atmosphere as part of the trenching process. This may increase vapor exposures from volatile contaminants. Provisions should be made for air monitoring to trigger appropriate protective actions including temporary work stoppage. Use of vapor emissions controls or suppressants space entry procedures for greater details regarding control measures considerations.
4. Trenches or pits greater than 4 feet deep should be considered confined spaces, which may contain concentrated vapors, gases, or oxygen deficient atmospheres. These areas must be checked to assure non-explosive, non-hazardous atmospheres before allowing entry and periodically (or continuously) thereafter. See confined space entry procedures for greater details regarding control measures considerations.
5. OSHA provisions regarding shoring and sloping of trench sides may apply.

Subcontractors performing trenching or pit digging as part of sub-surface investigation must be aware that they will be expected to follow provisions under 29 CFR 1926.

6. Pits or trenches should be inspected daily for evidence of cracks, slides, or scaling. Inspection should be more frequent if it is raining.
7. Heavy equipment should be kept away from the sides of trenches or pits.
8. Means of egress (e.g., steps, ladders) should be readily available (within 25 ft.) of employees working in pits or other excavations from which rapid exit is difficult.
9. Excavations, mud pits, etc., must be protected with barricades or covers. Temporary pits/trenches should be back filled upon completion of work.

APPENDIX J
CAMP

COMMUNITY AIR MONITORING PROGRAM (CAMP)

CAMP requirements are based on guidance from the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan and New York State Department of Environmental Conservation (NYSDEC) DER-10 Technical Guidance for Site Investigation and Remediation.

CAMP monitoring is required continuously during intrusive work activities conducted. For this project, the "public" primarily refers to residents, pedestrians, or other persons occupying or visiting off-site areas. Dust monitors and PIDs used for CAMP must be placed on a sturdy platform located 4 to 5 ft above ground level. Contractors must check CAMP dust monitors and PIDs every 30 minutes throughout the workday.

Air monitoring data must be downloaded at the end of each day and reviewed by the contractor for readings above CAMP action levels that may have been missed when the equipment was checked during the day. CAMP results will be retained on-site for review by NYSDEC and NYSDOH. NYSDEC shall be immediately notified of any results above CAMP action levels and any odors that may affect public areas. NYSDEC will coordinate with NYSDOH as appropriate.

CAMP for VOCs and dust will include four (4) monitoring locations located the fence line perimeters and property edges. PIDs may be moved around the fence and property perimeters during the day if necessary to maintain their upwind and downwind positions.

The following table identifies action levels, action, and responses for the CAMP:

CAMP ACTION LEVELS			
Contaminant	Frequency	Action Level	SSHC Action/Response
VOLATILE ORGANIC COMPOUNDS (VOCs) (PID with 10.6 eV lamp)	1. Continuous during intrusive activities 2. When odors are detected at the fence and/or property line.	<5ppm	1. Work may continue but community monitoring must be conducted continuously 200' downwind or at half the distance between the work area and nearest dwelling unless continuous monitoring has been discontinued with concurrence from the NYSDEC and NYSDOH. 2. All readings shall be recorded and made available for review.

<p>DUST</p> <p>SSHC Observations and Dust Meter (Dust Trak or MiniRam)</p>	<p>1. Continuous during intrusive activities</p>	<p>*5ppm</p>	<ol style="list-style-type: none"> 1. STOP work and continue to monitor. 2. Continue air monitoring 200' downwind or at half the distance between the work area and nearest dwelling. 3. Notify the Site Supervisor and Pyramid representative. 4. Work may continue when concentrations detected by the PID are reduced below 5 ppm AND odors are not detectable at the fence or property line. 5. If VOC concentrations above 5 ppm are sustained for 30 minutes despite work stoppage and implementation of feasible vapor suppression methods, SSHC shall coordinate with the Pyramid Site Representative and then shall make necessary notifications to local authorities, NYSDOH, and NYSDEC.
		<p>*<0.1 mg/m³</p>	<ol style="list-style-type: none"> 1. If dust is observed leaving the site perimeter or fence line and into public areas, then dust controls must be implemented. 2. If dust controls fail to prevent visible dust emissions from leaving the site, then notify the Pyramid representative.
		<p>*0.1 mg/m³ - 0.15 mg/m³</p>	<ol style="list-style-type: none"> 1. Dust suppression and control is mandatory. 2. If dust controls fail to prevent visible dust emissions from leaving the site, then notify the Pyramid representative.
		<p>*<0.15 mg/m³</p>	<ol style="list-style-type: none"> 1. STOP Work 2. Review, evaluate, and implement additional techniques or controls. 3. Notify the Pyramid representative. 4. Re-start work when additional dust control measures have been implemented.
<p>*VOC and DUST action levels are based on running 15 minute Time-Weighted Averages (TWAs) above background at the Exclusion Zone perimeter. Background readings are taken at upwind locations relative to Work Areas.</p>			

APPENDIX B
QUALITY ASSURANCE, QUALITY CONTROL PLAN



ENVIRONMENTAL GROUP, INC.
ENGINEERING, ARCHITECTURE & SURVEYING, PC

**QUALITY ASSURANCE, QUALITY CONTROL PLAN
FOR
REMEDIAL ACTIVITIES**

**DESTINY BROWNFIELD CLEANUP PROGRAM SITES
SYRACUSE, NEW YORK**

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**QUALITY ASSURANCE, QUALITY CONTROL PLAN
FOR REMEDIAL ACTIVITIES**

**DESTINY BROWNFIELD CLEANUP PROGRAM SITES
SYRACUSE, NEW YORK**

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1.0 PROJECT ORGANIZATION AND RESPONSIBILITY

This Quality Assurance Project Plan (QAPP) provides for designated qualified personnel to review sampling procedures, laboratory test methods, data results, and data interpretations. This QAPP also outlines the approach to be followed to ensure that the remedial investigating results are of sufficient quality. This plan will provide for direct and constant operational responsibility, clear lines of authority, and the integration of quality assurance (QA) activities. The various QA functions of the project positions are explained in the following subsections.

Project Manager

The project manager will have overall responsibility for ensuring that the project meets the objectives and quality standards as presented in the Work Plan and this QAPP. He/she will be responsible for implementing the project and will have the authority to commit the resources necessary to meet project objectives and requirements. The project manager's primary function is to ensure that technical, financial, and scheduling objectives are achieved successfully. The project manager will provide the major point of contact and control for matters concerning the project. In addition, he/she will be responsible for technical quality control (QC) and project oversight, and will be the primary point-of-contact.

Team Leaders

The project manager will be supported by a team leader or leaders who will be responsible for leading and coordinating the day-to-day activities of the various resource specialists under their supervision. The team leader is a highly experienced environmental professional who will report directly to the project manager.

Technical Staff

The technical staff (team members) for this project will be drawn from corporate resources and appropriately qualified subcontractors. The technical team staff will be used to gather and analyze data, and to prepare various task reports and support materials. The designated technical team members will be experienced professionals who possess the degree of specialization and technical competence required to effectively and efficiently perform the required work.

Project QA Director

The Project QA Director will be responsible for maintaining QA for the project. The position may be filled by the Project Manager, Team Leader, or another designated staff person.

2.0 QA OBJECTIVES FOR DATA MEASUREMENT

Measurements will be made to ensure that analytical results are representative of the media and conditions measured. Unless otherwise specified, data will be calculated and reported in units consistent with other organizations who report similar data to allow comparability of databases among organizations.

The key considerations for the QA assessment of generated data are accuracy, precision, completeness, representativeness, and comparability. These characteristics are defined below:

Accuracy: Accuracy is the degree of agreement of a measurement or average of measurements with an accepted reference or “true” value and is a measure of bias in the system.

Precision: Precision is the degree of mutual agreement among individual measurements of a given parameter.

Completeness: Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount expected to be obtained under correct normal conditions.

Representativeness: Representativeness expresses the degree to which data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, a process condition or and environmental condition.

Comparability: Comparability expresses the confidence with which one data set can be compared to another.

2.1 GOALS

The QA/QC goal will focus on controlling measurement error within the limits established and will ultimately provide a database for estimating the actual uncertainty in the measurement data.

Target values for detection limit, percent spike recovery and percent “true” value of known check standards, and relative percent difference of duplicates/replicates are provided in the referenced analytical procedures. It should be noted that target values are not always attainable. Instances may arise where high samples concentrations, non-homogeneity of samples, or matrix interferences preclude achievement of target detection limits or other quality control criteria. In such instances, the laboratory will report reasons for deviations from these detection limits or noncompliance with quality control criteria.

3.0 SAMPLING PROCEDURES

The sampling of various environmental media will be completed as part of the investigation activities. The proposed analytical testing for the site including location, matrix and analytical requirements, is contained within the investigation work plan.

3.1 SAMPLING PROTOCOL

The following sections outline the sampling procedures for the collection of environmental media samples of soils and groundwater. Groundwater monitoring well installation procedures are described in the Work Plan.

3.1.1 Soil Samples from Geoprobe Soil Borings

If sampling is required, continuous soil samples will be collected from Geoprobe soil boring to the target depth. An experienced geologist will observe the work associated with the soil borings.

Collected soil samples will be described according to soil type, color, texture, grain size, moisture content, and will be visually noted for physical indications of contamination, such as staining, oils, fill material, and/or odor.

Each soil sample interval will be screened with a photoionization detector (PID-Minirae Model 2000 or equivalent) with a 10.6 eV lamp for the presence of elevated levels of volatile organic vapors.

During the drilling operations, the most impacted soil, based on field screening and visual observations, will be obtained from each sample sleeve or split spoon. A portion of this apparently contaminated soil will be containerized and the accumulated vapors within the container will then be subjected to headspace analysis for VOCs using the PID.

The VOC data from the headspace analysis, soil type, and depth of sample will be used to select which soil sample is submitted for laboratory analyses.

Soil samples to be submitted for chemical analysis will be extracted from samplers using a stainless steel trowel, knife, or latex glove. Each sample container will be handled, packaged, and shipped in accordance with the procedures as outlined in Section 4.0.

3.1.2 Groundwater Samples from Monitoring Wells

If sampling is required, new and existing groundwater monitoring wells will be developed prior to purging and sampling using disposable polyethylene bailers, dedicated inertial pumps, or dedicated peristaltic pump tubing. Prior to development, wells will be allowed to equilibrate for

at least 48-hours following installation. All development water will be collected and stored on site in 55-gallon drums. All drums will be labeled with paint markers according to matrix, location, and date of generation. Turbidity readings and the number of consecutive well volumes removed will be recorded during well development. The wells will be developed to reduce sediment and turbidity to the maximum extent possible (NOTE: The groundwater monitoring wells were initially developed in June 2013).

Following well development, each well will be allowed to equilibrate for at least 24-hours prior to purging and sampling. Purging of each new and existing well will be performed with a low flow peristaltic pump and dedicated polyethylene tubing or disposable polyethylene bailers. Purging of each well for at least three consecutive well volumes or until dry will allow representative formation water to enter the well prior to sample collection. Visual observations or water quality field parameters (turbidity) will be recorded during the purging and sampling.

Immediately following the completion of purging and monitoring well recovery, groundwater samples will be collected using a dedicated disposable polyethylene bailer or low flow peristaltic pump with dedicated tubing. New latex gloves will be used for collection of each sample. Each sample container will be labeled, handled, packaged, and shipped in accordance with the procedures as outlined in Section 4.0.

3.2 FIELD QUALITY CONTROL SAMPLES

The following quality control samples will be used during the investigation activities:

3.2.1 Field Duplicates

Field quality control samples will be collected to verify reproducibility of the sampling and analytical methods. Field duplicates will be obtained as follows:

- one field duplicate soil sample collected from the Geoprobe soil borings; and
- one field duplicate groundwater sample collected from one groundwater monitoring well.

3.2.2 Trip Blanks

Trip blanks will be used to assess whether samples has been exposed to volatile constituents during sample storage and transport. Trip blanks will be submitted at a frequency of once per cooler for samples to be analyzed for volatile organics. The trip blank will consist of a container filled by the laboratory with analyte-free water. The trip blank will remain unopened throughout the sampling event and will only be analyzed for volatile organics.

3.2.3 Matrix Spike/Matrix Spike Duplicates

Matrix Spike/Matrix Spike Duplicates (MS/MSD) will be obtained as follows:

- one MS/MSD soil sample collected from a representative Geoprobe soil boring; and
- one MS/MSD groundwater sample collected from representative groundwater monitoring well.

3.2.4 Laboratory Quality Control Checks

Internal laboratory quality control checks will also be used to monitor data integrity. These checks include method (equipment) blanks, spike blanks, internal standards, surrogate samples, calibration standards, and reference standards.

3.3 SAMPLE CONTAINERS

The volumes and container types required for the sampling activities will be based upon the specific lab procedure and SW-846 methodologies. Pre-washed sample containers will be provided by the laboratory. All bottles are to be prepared in accordance with EPA bottle washing procedures.

3.4 DECONTAMINATION

Dedicated and/or disposable sampling equipment will be used to minimize decontamination requirements and the possibility of cross-contamination.

The water level indicator, stainless steel trowels, split spoons, and Geoprobe are pieces of sampling equipment to be used at more than one location. They will be decontaminated between locations by the following decontamination procedures:

- initial cleaning of any foreign matter with paper towels;
- low phosphate detergent wash;
- de-ionized water rinse; and
- air-dry.

3.5 LEVELS OF PROTECTION/SITE/SAFETY

Field sampling will be conducted under a documented Health and Safety Plan (see Appendix A). On the basis of air monitoring, the level of protection may be downgraded or upgraded at the discretion of the site safety officer. Crew members will stand upwind of open boreholes or wellheads during the collection of samples, when possible.

All work will initially be conducted in Level D (refer to Site Specific Health and Safety Plan). Air purifying respirators (APRs) will be available if monitoring indicates an upgrade to Level C is appropriate.

4.0 SAMPLE CUSTODY

This section describes standard operating procedures for sample identification and chain-of-custody to be used for all field activities. The purpose of these procedures is to ensure that the quality of the samples is maintained during collection, transportation, storage, and analysis. All chain-of-custody requirements comply with standard operating procedures indicated in USEPA and NYSDEC sample-handling protocol.

Sample identification documents will be carefully prepared so that sample identification and chain-of-custody can be maintained and sample disposition controlled. Sample identification documents include:

- Field records,
- Sample label,
- Custody seals, and
- Chain-of-custody records.

4.1 CHAIN-OF-CUSTODY

The primary objective of the chain-of-custody procedures is to provide an accurate written or computerized record that can be used to trace the possession and handling of a sample from collection to completion of all required analyses.

4.1.1 Sample Labels

Sample labels attached to or affixed around the sample container must be used to properly identify all samples collected in the field. The sample labels are to be placed on the bottles so as not to obscure any QA/QC lot numbers on the bottles. Sample information must be printed in a legible manner using waterproof ink. Field identification must be sufficient to enable cross-reference with the field sampling records or sample logbook. For chain-of-custody purposes, all QC samples are subject to exactly the same custodial procedures and documentation as “real” samples.

4.1.2 Custody Seals

Custody seals are preprinted adhesive-backed seals with security slots designed to break if the seals are disturbed. Sample shipping containers (coolers, cardboard boxes, etc., as appropriate) are sealed in as many places as necessary to ensure security. Seals must be signed and dated before use. On receipt at the laboratory, the custodian must check (and certify, by completing logbook entries) that seals on shipping containers are intact. Strapping or other clear packaging

tape should be placed over the seals to ensure that seals on shipping containers are not accidentally broken during shipment.

4.1.3 Chain-of-Custody Record

The chain-of-custody record must be fully completed at least in duplicate by the field technician who has been designated by the project manager as being responsible for sample shipment to the appropriate laboratory for analysis. In addition, if samples are known to require rapid turnaround in the laboratory because of project time constraints or analytical concerns (e.g. extraction time or sample retention period limitations, etc.), the person completing the chain-of-custody record should note these constraints in the “Remarks” section of the custody record.

4.1.4 Field Custody Procedures

- a. As few persons as possible should handle samples.
- b. Sample bottles will be obtained pre-cleaned by the laboratory and shipped to the sampling personnel in charge of the field activities. Coolers or boxes containing cleaned bottles should be sealed with a custody tape seal during transport to the field or while in storage prior to use.
- c. The sample collector is personally responsible for the care and custody of samples collected until they are transferred to another person or dispatched properly under chain-of-custody rules.
- d. The sample collector will record sample data in a controlled field notebook and/or an appropriate field sampling records.
- e. The site team leader will determine whether proper custody procedures were followed during the fieldwork and decide if additional samples are required.

4.2 DOCUMENTATION

4.2.1 Sample Identification

All containers of samples collected from the project will be identified using the following format on a label or tag fixed to the sample container:

- YY – These initials identify the sample matrix in accordance with the following abbreviations:

S – Soil

GW – Groundwater

V – Vapor

- ZZ – Sub Sample Type – Field duplicates, rinsate blanks, and trip blanks will be assigned unique sample numbers (if applicable):

DUP – Duplicate Sample

TB – Trip Blank

MS/MSD – Matrix Spike/Matrix Spike Duplicate

Each sample will be labeled, chemically preserved, if required, and sealed immediately after collection. To minimize handling of sample containers, labels will be filled out using waterproof ink and will be firmly affixed to the sample containers. The Sample label will give the following information:

- Name of sampler;
- Date and time of collection;
- Sample number;
- Intended analysis; and
- Preservation required.

4.2.2 Daily Logs

Daily logs and data forms are necessary to provide sufficient data and observations to enable participants to reconstruct events that occurred during the project. All daily logs will be kept in a notebook and consecutively numbered. All entries will be made in waterproof ink, dated, and signed. Sampling data will be recorded in the sampling records. All information will be completed in waterproof ink. Corrections will be made according to the procedures given at the end of this section.

4.3 SAMPLE HANDLING, PACKAGING, AND SHIPPING

The transportation and handling of samples will be accomplished in a manner that not only protects the integrity of the sample, but also prevents any detrimental effects due to the possible hazardous nature of samples. Regulations for packaging, marking, labeling, and shipping hazardous materials are promulgated by the United States Department of Transportation (DOT) in the Code of Federal Regulations, 49 CFR through 177.

All chain-of-custody requirements will comply with standard operating procedures in the NYSDEC and USEPA sample handling protocol. Field personnel will make arrangements for

transportation samples to the laboratory. When custody is relinquished to a shipper, field personnel will telephone the laboratory custodian to inform him of the expected time of arrival of the sample shipment and to advise him of any time constraints on sample analysis. All samples will be delivered to the laboratory no later than 48 hours from the day of collection.

5.0 CALIBRATION PROCEDURES AND FREQUENCY

Instruments and equipment used during sampling and analysis will be operated, calibrated, and maintained according to the manufacturer's guidelines and recommendations as well as criteria set forth in the applicable analytical methodology references.

5.1 FIELD INSTRUMENTS

A calibrations program will be implemented to ensure that routine calibration is performed on all field instruments. Field team members familiar with the field calibration and operations of the equipment will maintain proficiency and perform the prescribed calibration procedures outlines in the Operation and Field Manuals accompanying the respective instruments. Calibration records for each field instrument used on the project will be maintained on-site during the respective field d activities and a copy will be kept in the project files.

5.1.1 Portable Total Organic Vapor Monitor

Any vapor monitor will undergo routine maintenance and calibration prior to shipment to the project site. Daily calibration and instrument checks will be performed by a trained team member at the start of each day. Daily calibrations will be performed according to the manufacturer's specifications and are to include the following:

Battery check: If the equipment fails the battery check, recharge the battery.

- Gas standard: The gauge should display an accurate reading when a standard gas is used.
- Cleaning: If proper calibration cannot be achieved, then the instrument ports must be cleaned.

5.1.2 pH, Specific Conductance, and Turbidity (if applicable)

The following steps should be observed by personnel engaged in groundwater sampling for pH and specific conductance:

- The operations of the instruments should be checked with fresh standard buffer solution (pH 4 and pH 10) prior to each day's sampling.
- The specific conductance meter should be calibrated prior to each day's sampling using a standard solution of known specific conductance.
- The turbidity meter should be calibrated prior to each day's sampling using a standard solution of known turbidity.

More frequent calibrations may be performed as necessary to maintain analytical integrity. Calibration records for each field instrument used on the project should be maintained and a copy kept in the project files.

6.0 ANALYTICAL PROCEDURES

6.1 FIELD

On-site procedures for analysis of total organic vapor and other field parameters are addressed in the Work Plan.

6.2 LABORATORY

Analytical methods to be used for the sampling tasks are referenced in the NYSDEC's Analytical Services Protocols (ASP), 1995, or its most current version.

Specific analytical methods for constituents of interest in soil, groundwater, and air are listed in the RWP. The laboratory will maintain and have available for the appropriate operators, standard operating procedures relating to sample preparation, and analysis according to the methods.

7.0 DATA REDUCTION AND REPORTING

QA/QC requirements will be strictly adhered to during sampling and analytical work. Laboratory data generated will be reviewed by comparing and interpreting results from chromatograms (responses, stability of retention times), accuracy (mean percent recovery of spiked samples), and precision (reproducibility of results).

Data storage and documentation will be maintained using logbooks and data sheets that will be kept on file. Analytical QC will be documented and included in the analytical testing report. A central file will be maintained for the sampling and analytical effort after the final laboratory report is issued.

Relevant calculations and data manipulations are included in the appropriate methodology references. Control charts and calibration curves will be used to review the data and identify outlying results. Prior to the submission of the report to the client, all the data will be evaluated for precision, accuracy, and completeness.

Laboratory reports will be reviewed by the laboratory supervisor, the QA officer, laboratory manager and/or director, and the project manager. Analytical reports will contain a data tabulation including results, and supporting QC information will be provided. Raw Data will be available for later inspection, if required, and maintained in the control job file.

8.0 INTERNAL QUALITY CONTROL CHECKS

QC data are necessary to determine precision and accuracy and to demonstrate the absence of interferences and/or contamination of glassware and reagents. The procedures to be followed for internal quality control checks are to be consistent with NYSDEC and NYSDOH Programs.

9.0 PREVENTIVE MAINTENANCE

9.1 FIELD

Field personnel assigned to complete the work will be responsible for preventative maintenance of all field instruments. The field sampling personnel will protect the portable total organic vapor monitors, temperature, conductivity, pH, and turbidity instruments by placing them in portable boxes and/or protective cases.

Field equipment will be subjected to a routine maintenance program, prior to and after each use. The routine maintenance program for each piece of equipment will be in accordance with the manufacturer's operations and maintenance manual. All equipment will be cleaned and checked for integrity after each use. Necessary repairs will be performed immediately after any defects are observed, and before the item of equipment is used again. Equipment parts with a limited life (such as batteries, membranes, and some electronic components) will be periodically checked and replaced or recharged as necessary according to the manufacturer's specifications.

10.0 DATA ASSESSMENT PROCEDURES

Laboratory data results will be evaluated for accuracy, precision, and completeness of collected measurement data.

10.1 PRECISION

Precision of a particular analysis is measured by assessing its performance with duplicate or replicate samples. Duplicate samples are pairs of samples taken in the field transported to the laboratory as distinct samples. Their identity as duplicated is sometimes not known to the laboratory and usually not known to bench analysts, so their usefulness for monitoring analytical precision at bench level is limited. For most purposes, precision is determined by the analysis of replicate pairs (i.e., two samples prepared at the laboratory from one original sample.) Often in replicate analysis, the sample chosen for replication does not contain target analytes so that quantification of precision is impossible. Replicate pairs of spiked samples, known as matrix spike/matrix spike duplicate samples, are used for precision studies. This has the advantage that two, real positive values for a target analyte can be compared.

Precision is calculated in terms of Relative Percent Difference (RPD), which is expressed as follows:

$$RPD = \frac{(X_1 - X_2)}{(X_1 + X_2)/2} \times 100$$

Where X_1 and X_2 represent the individual values found for the target analyte in the two, replicate analyses or in the matrix spike/matrix duplicate analyses.

RPDs must be compared to the method RPD for the analysis. The analyst or his supervisor must investigate the cause of RPDs outside stated acceptance limits. This may include a visual inspection of the sample for non-homogeneity, analysis of check samples, etc. Follow-up action may include sample re-analysis or flagging of the data as suspect if problems cannot be resolved.

10.2 ACCURACY

Accuracy of a particular analysis is measured by assessing its performance with “known” samples. These “knowns” can take the form EPA or NBS traceable standards (usually spiked into a pure water matrix), or laboratory prepared solutions of target analytes into a pure water or sample matrix, or (in the case of GC or GC/MS analyses) solutions of surrogate compounds which can be spiked into every sample and are designed to mimic the behavior of target analytes without interfering with their determination. In each case, the recovery of the analyte is measured as a percentage, corrected for analytes known to be present in the original sample if necessary, as in the case of a matrix spike analysis. For EPA or NBS supplied known solutions,

this recovery is compared to the published data that accompany the solution. For prepared solutions, the recovery is compared to EPA-developed data or historical data as available. For surrogate compounds, recoveries are compared to USEPA CLP acceptable recovery tables. If recoveries do not meet required criteria, then the analytical data for the batch (or, in the case of surrogate compounds, for the individual sample) are considered potentially inaccurate.

For highly contaminated samples, recovery of matrix spike may depend on sample homogeneity. As a rule, analyses are not corrected for recovery of matrix spike or surrogate compounds.

10.3 COMPLETENESS

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the total amount expected to be obtained under normal conditions. Completeness for each parameter is calculated as:

$$\text{Completeness} = \frac{\text{Number of successful analyses} \times 100}{\text{Number of requested analyses}}$$

Target value for completeness for all parameters is 100%. A completeness value of 95% will be considered acceptable. Incomplete results will be reported to the client project officer.

10.4 REPRESENTATIVENESS

The characteristic of representatives is not quantifiable. Subjective factors to be taken into account are as follows:

- The degree of homogeneity of a site;
- The degree of homogeneity of a sample taken from one point in a site; and
- The available information on which a sampling plan is based.

To maximize representatives of results, sampling techniques, and sample locations will be carefully chosen so that they provide laboratory samples representatives of the site and the specific area.

11.0 QUALITY ASSURANCE SUMMARY

Upon completion of a project sampling effort, analytical and QC data will be included in a comprehensive report that summarizes the work and provides a data evaluation. A discussion of the validity of the results in the context of QA/QC procedures will be made, as well as a summation of all QA/QC activity, and an identification of any analytical problems.

APPENDIX C
VAPOR CONTROL SYSTEM

APPENDIX C VAPOR CONTROL SYSTEM

Engineering Controls

The selected remedy includes use of engineering controls (vapor barrier and positive pressure vapor control system) and institutional controls (environmental easement, restricting groundwater use, conforming to Article 71 Title 36 of ECL). These controls prevent exposure to any potential contaminants as discussed previously. The engineering control will be maintained pursuant to the Operations, Maintenance and Monitoring Plan (OM&M Plan) developed pursuant to the BCP requirements. A description of the vapor control system is provided below.

Control Strategy

The vapor control system isolates and prevents the migration of subsurface vapor phase contaminants into the enclosed occupied building spaces. It provides protection with two complimentary systems: passive control consisting of a continuous impermeable (primary) membrane and active control consisting of a sub-slab pressurized space. The continuous impermeable membrane, Barricoat-S[®] (Attachment C6), provides a physical barrier to migration of vapors originating below the building footprint. A continuous zone of positive pressure (above atmospheric) between the floor slab and the impermeable membrane, completely inhibits any potential movement of ground source vapor in an upward direction toward the floor slab, thereby providing redundant control and protection of the occupied space inside the building.

The pressurized space is divided into eleven (11) parallel, air tight zones (see Attachment C1, Grade Beam Layout). The pressurized zone consists of a permeable material, Mirafi G100N (Attachment C4). The permeable material is a dimpled HDPE, 0.4 inches thick, 40 millimeter apparent opening size, sandwiched between the primary spray coat membrane below and plastic sheet above which is sealed at the edges against the grade beams. The control measure will not depend on the floor slab, however, the floor slab will provide a third level of redundancy as well as providing protection for the permeable zone (Attachments C2 and C3).

Continuity of the pressurized zones is provided by ventilation pipes through crossing grade beams. The design provides a means of measuring the pressure at the opposite ends of each zone. A capped pipe extends from each end of each pressurized zone through the exterior grade beam. The end of the pipe is accessible via a ground level valve box. This allows the pressure differential between the pressurized space and atmosphere to be measured at opposite ends of each zone. Each zone has a boundary on opposite ends of the building, except for one short zone that does not extend across the entire footprint. This zone has a monitoring point at one end of

the building and at the opposite end of the zone along the adjacent perpendicular wall. Subgrade installations (elevator shafts and swimming pool) are lined with an impermeable membrane called CCW MiraCLAY[®] (see Attachments C4 and C7).

Each permeable zone is pressurized by introducing compressed air through a pressure distribution network. Compressed air will be provided by compressors or regenerative blowers (air pumps) located inside the building. The air pumps supply conditioned clean air to the permeable zones through floor penetrations. Each zone has a separate direct line to the air pumps that can be independently valve controlled. The pressure equipment will run continuously on electric line power, with local emergency power as backup.

Vapor Control System Installation

Solid pipe for connecting the sub-slab permeable zone network to the compressor equipment will be installed following the construction of the building grade-beam foundation structure.

Surface preparation for the vapor control system will include installation of conduits for sub-slab utilities (plumbing, electrical, etc.), and placement of the permeable zone material. Utilities will be placed below the impermeable membrane layer.

A spray-on impermeable membrane, Barricoat[®]-S (Attachment C6) will be applied on a fabric material over the exposed ground surface and portions of grade beams above the ground surface. The membrane will have ASTM E96 vapor permeability rating of less than 0.10 perms (impermeable). Once completed, the membrane will be smoke-tested to confirm the material is not compromised. Any leaks will be repaired and retested.

A sub-slab permeable zone will be constructed using a one-half inch rigid permeable material called Mirafi[®] G100N (see Attachment C5) which is placed over the top of the impermeable membrane. The rigid material will bring finished grade to the top of the grade beams. Plastic sheet vapor retarder membrane will be placed over the rigid layer prior to pouring the concrete slab-on-grade floor of the building.

The sub-slab permeable zone is divided into parallel air tight zones, separated by un-vented grade beams. Ventilation pipes will be installed through the grade beams to create an air pathway across the zones. Each zone will have a boundary at the exterior grade beams on opposite ends of the building. The permeable zones will be pressurized from a series of 1-inch diameter Pex pipe connected to each zone located at one end of the building. The zones will be pressurized by compressors located inside the building, supplying conditioned, clean air across the permeable zones.

The sub-slab pipe network and impermeable membrane installation will be smoke-tested and inspected prior to the scheduled concrete pour for the building's ground floor.

Vapor Barrier Installation

The remedy includes a vapor barrier that extends the full length and width of the building footprint to establish a vapor barrier beneath the concrete slab floor. Vapor barrier sheet material shall be transported, stored, handled, and installed in a manner that prevents damage to the material.

Utility pipe and conduit extending through the impermeable liquid boot layer will be sprayed for a minimum 6 inches above the penetration to properly seal the barrier. This will be accomplished by using vapor barrier material to create an apron (minimum 24-inch wide) around each utility or conduit riser. The apron will be securely sealed around the risers with two sided adhesive tape, and sealed to the ground sheet with two sided tape in concentric rings around the riser pipe. A minimum 4-inch wide air tight seal shall be created between the apron and ground sheet. Following installation of utilities, the impermeable membrane, and the permeable zone layer, a surface free of sharp debris will be established and covered with a vapor barrier.

Adjacent sheets of vapor barrier material shall be overlapped by a minimum of 18 inches and sealed with a continuous strip of double sided tape, with a minimum 4-inch wide adhesive seal to create an air tight joint. Two, parallel strips of narrower tape may be substituted however; a minimum 4-inch seal width must be maintained. The plan requires that all punctures, tears, and penetrations are patched before pouring concrete.

Where the vapor barrier sheet terminates at building end walls, the material shall extend onto the end wall. The vapor barrier shall be attached to concrete with butyl mastic double sided tape (Stego[®] Mastic by Stego Industries, LLC, see Attachment C7 and C8), to establish an air tight seal.

Where conduit bundles extend through the concrete slab, the vapor barrier shall extend a minimum of 4 inches above top of concrete slab. Gaps between conduits in the bundle shall be sealed with foam or silicon joint compound to create an air tight plug.

The vapor barrier shall be laid loosely to prevent tension. The vapor barrier shall have a minimum 18-inch wide tension relief fold at 40 foot intervals. The longitudinal lap seal between adjacent sheets may not fall within the tension relief fold. Prior to pouring the floor slab, the vapor barrier shall be inspected for the integrity of joints and membrane material, and for proper tension relief construction.

Quality Control

The remedy provides that the following quality control measures are implemented to ensure that the engineering controls are installed according to engineering specifications.

A) Prior to Laying Vapor Barrier

The area must be inspected to verify that all penetration hazards (debris, sharp objects, and angular stone) have been removed, or that a continuous layer of suitable vapor barrier supporting material is in place. Where vapor barrier crosses abrupt ground changes, gaps, or concrete edges, the inspectors must verify that fill is placed to fill gaps and support the vapor barrier to prevent tearing while concrete is poured.

B) Before Concrete Pour

The remedy provides that the vapor barrier is inspected for punctures, tears, burns, and any other damage that would compromise the permeability requirement of the material, for gaps in sealed joints, and that any punctures, tears, and penetrations are patched before pouring concrete. Re-seal any incomplete joints by use of butyl mastic tape. The engineer is required to inspect the liner for tension in the membrane between pile caps. Membrane tension is to be relieved by splicing additional liner material or equivalent.

This RWP provides for inspection of all utility conduits for proper seal around the pipe and at the ground sheet.

C) Vapor Barrier Engineering Certifications

Quality control inspections must be certified by contractor or contractor's representative for each pour. The Site 7 RWP provides that certifications are maintained in a central location upon completion.

Vapor Control System Verification and Testing Procedure

Following enclosure of the building envelope, and installation of vapor control system equipment, testing will be conducted to demonstrate pressure in each permeable zone to be in excess of ambient pressure. Testing will have a two-phased approach. It will include direct measurement of pressure at test ports located at the end of each zone, and indoor air analysis.

Phase I

Prior to commissioning the pressure control system, each zone will be tested to measure the rate of air loss at various pressures. Air pumps will be selected to provide an air flow capacity that is greater than the combined rate of air loss, ensuring positive pressure (greater than atmospheric) in all zones.

Proper function of the sub-slab pressure system will be demonstrated by measuring a positive (greater than atmospheric) pressure at both ends of each zone while the air pumps are operating.

Simultaneous pressure in excess of atmospheric pressure at both ends of each zone while the pump is operating at a nominal level definitively demonstrates that pressure throughout the zone is equal to or greater than the lower of the two measured pressures.

Phase II

The system verification testing described above will be supplemented with indoor air analysis of the ground floor level of the facility. A sampling plan will be developed in accordance with the NYSDOH Division of Environmental Health Assessment Center for Environmental Health Indoor Air Sampling & Analysis Guidance dated February 1, 2005 (Attachment C9). The plan will incorporate the background indoor air levels for newly constructed buildings as provided by the NYSDOH.

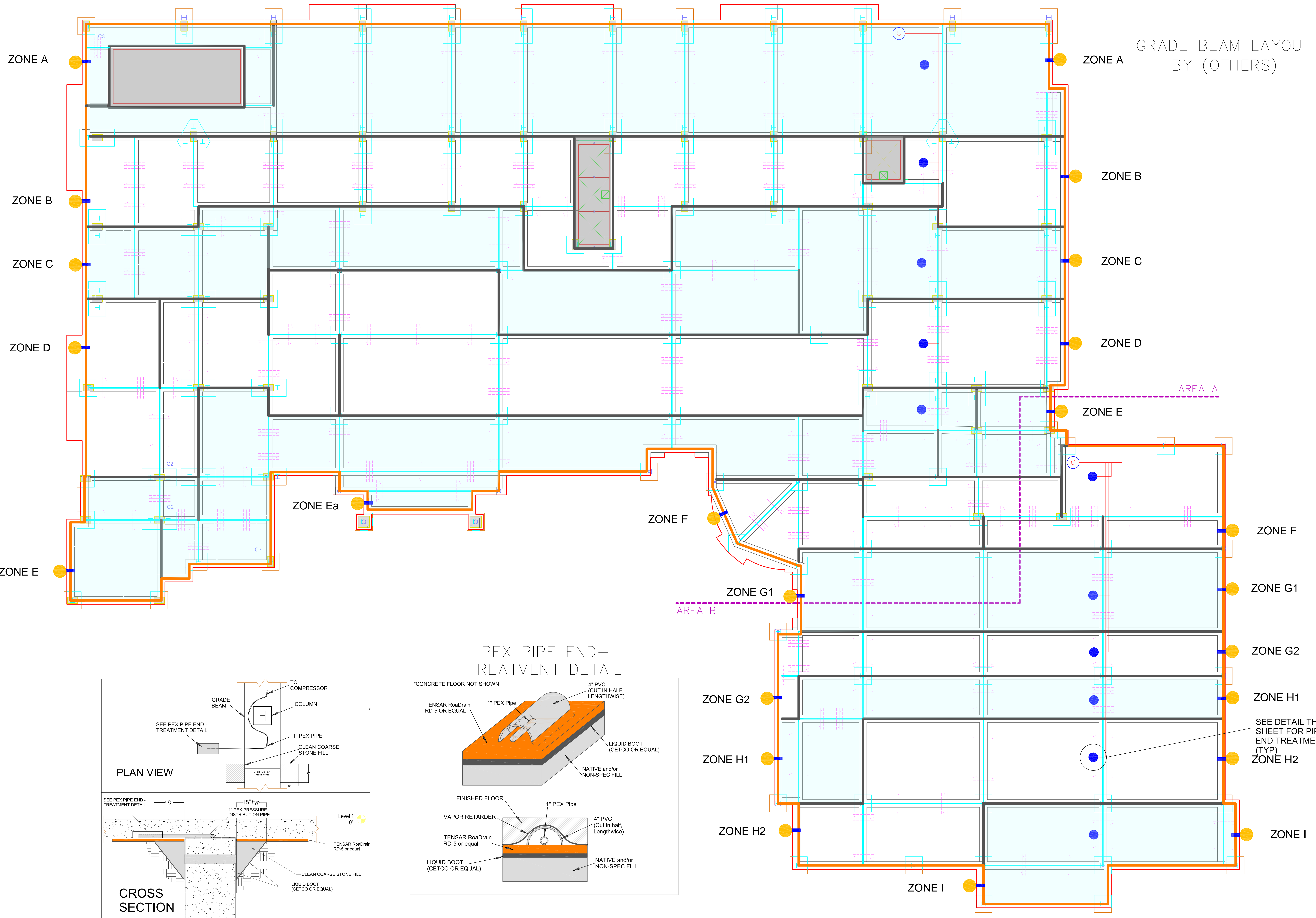
Vapor Control System Commissioning

The Site 7 RWP provides that upon installation, each permeable zone is commissioned to document that it was installed properly, is achieving the design criteria, and is performing in accordance with the defined performance specifications discussed in this subsection. Results of the commissioning will be recorded in the Site 7 FER. An as-built drawing will be prepared (modification of the design drawing) for each commissioned permeable zone showing locations of risers and laterals on a plan view of the floor slab. The location of pumps and control panels will be shown on architectural as-built drawings.

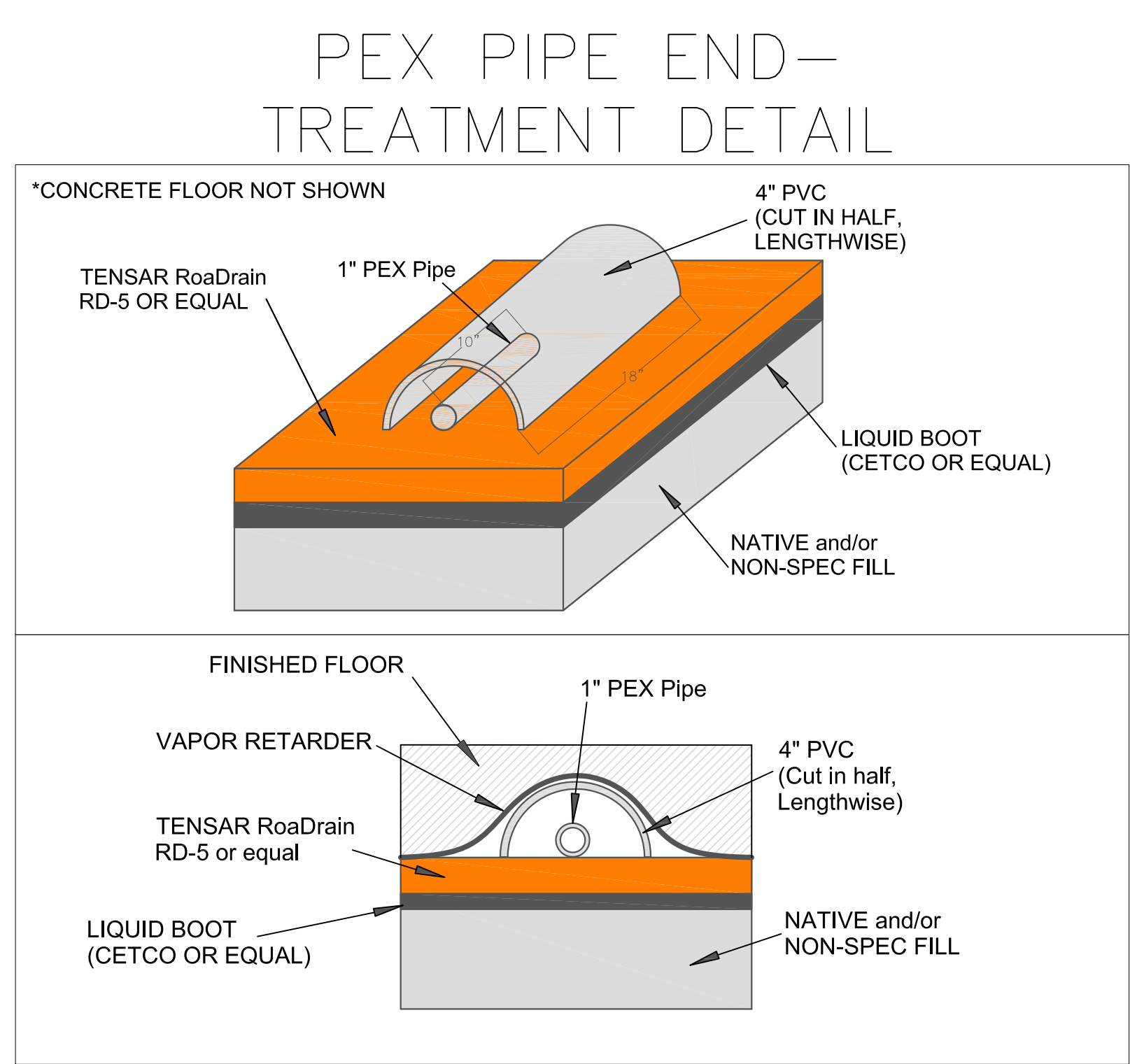
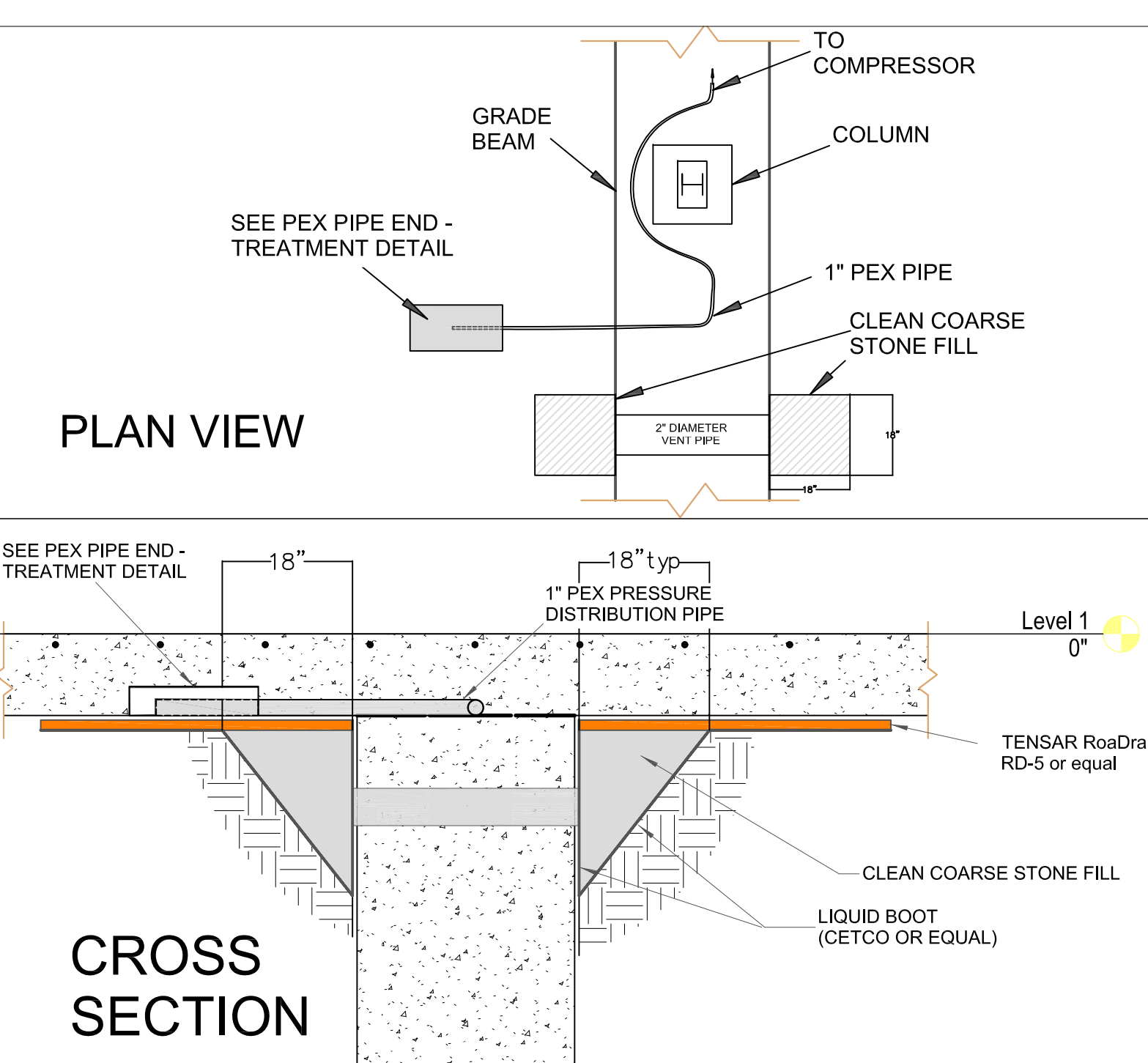
The Site 7 FER will also include a certification by a professional engineer licensed in New York that the system has been commissioned to effectively address vapor intrusion. The Site 7 RWP provides that each permeable zone is designed and commissioned to achieve a measurable pressure in excess of ambient pressure in each of the zones.

Compliance Monitoring and Reporting

The owner will document continuous operation of the pressurizing equipment through weekly monitoring and recordkeeping by facility operations and maintenance personnel. Annual results will be compiled in the system's annual certification report.



GRADE BEAM LAYOUT BY (OTHERS)



- Vented Interior Grade Beams
- Non-Vented Interior Grade Beams
- Exterior Grade Beams
- Sub-Slab Pressure Monitoring / Air Sampling Port
- Pressure Distribution Network

NOTE: STEGO WRAP VAPOR BARRIER/RETARDER INSTALLATION INSTRUCTIONS (STEGO INDUSTRIES LLC, www.stegoindustries.com) ARE INCORPORATED BY REFERENCE FOR SEALING ADJACENT SHEETS OF VAPOR RETARDER MEMBRANE OVER PERMEABLE LAYER (RoaDrain OR EQUIVALENT), FOR SEALING EDGES OF VAPOR RETARDER MEMBRANE TO GRADE BEAMS AND FOUNDATIONS, AND FOR SEALING PENETRATIONS THROUGH THE VAPOR RETARDER MEMBRANE FOR UTILITY DUCTS.

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT	
PROJ. NO.	15209
PREPARED BY:	BTB
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	MSL
CONTOUR INTERVAL:	NA FEET
DATE:	4/18/2016

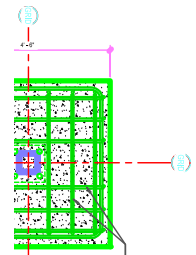
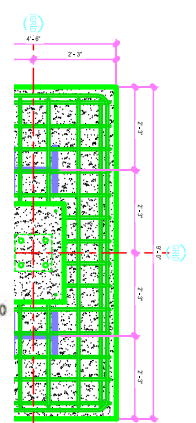
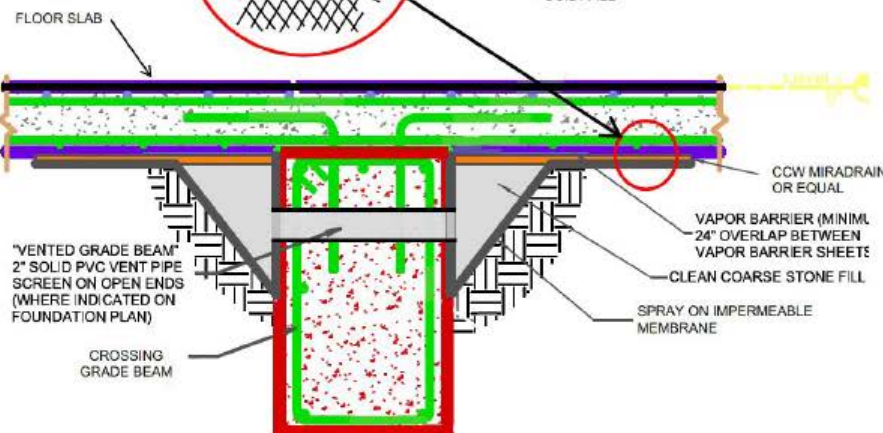
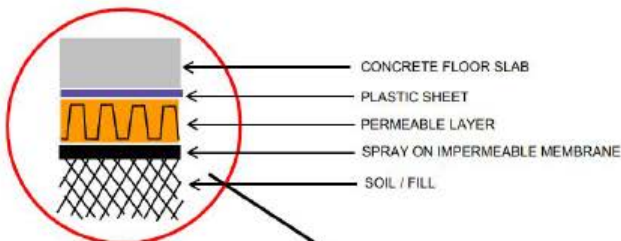
VAPOR SYSTEM - GRADE BEAM LAYOUT - AREA A

Destiny USA
EMBASSY SUITES

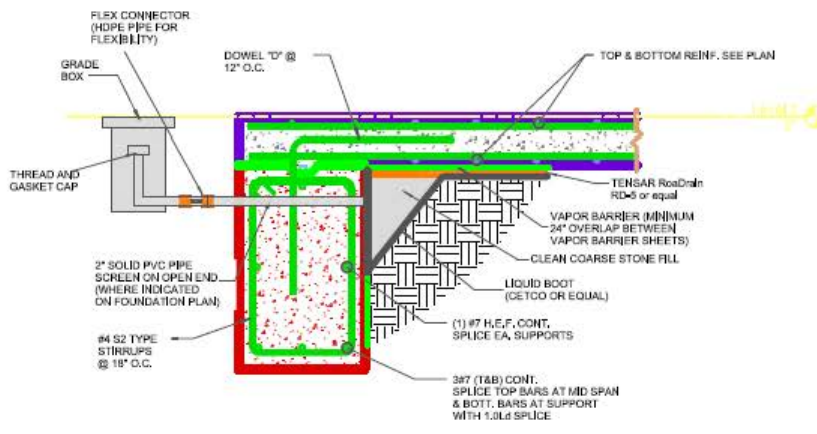
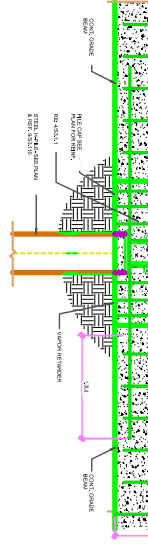
CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

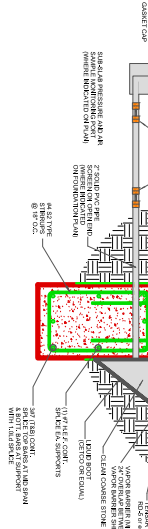
DATE: 4/18/2016 SCALE: 1"=500' DWG. NO. 15209001 PLATE 1 OF 2



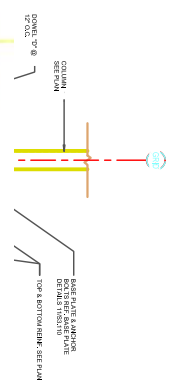
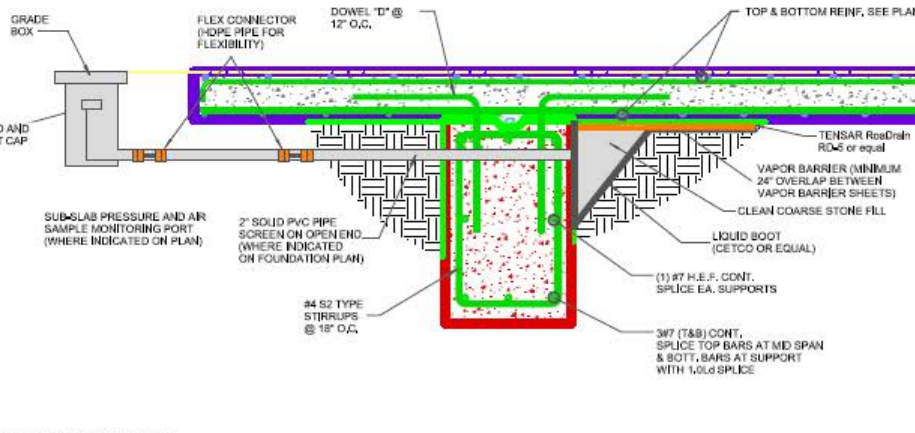
Section at Interior Grade beam
3/4" = 1'-0"



Section at Exterior Grade Beam 2
3/4" = 1'-0"



Section at Exterior Grade Beam
3/4" = 1'-0"



Help: Cap Pile with Obtained for Action
1/2" = 1'-0"

Section at Exterior Grade Beam at 1/2"
3/4" = 1'-0"

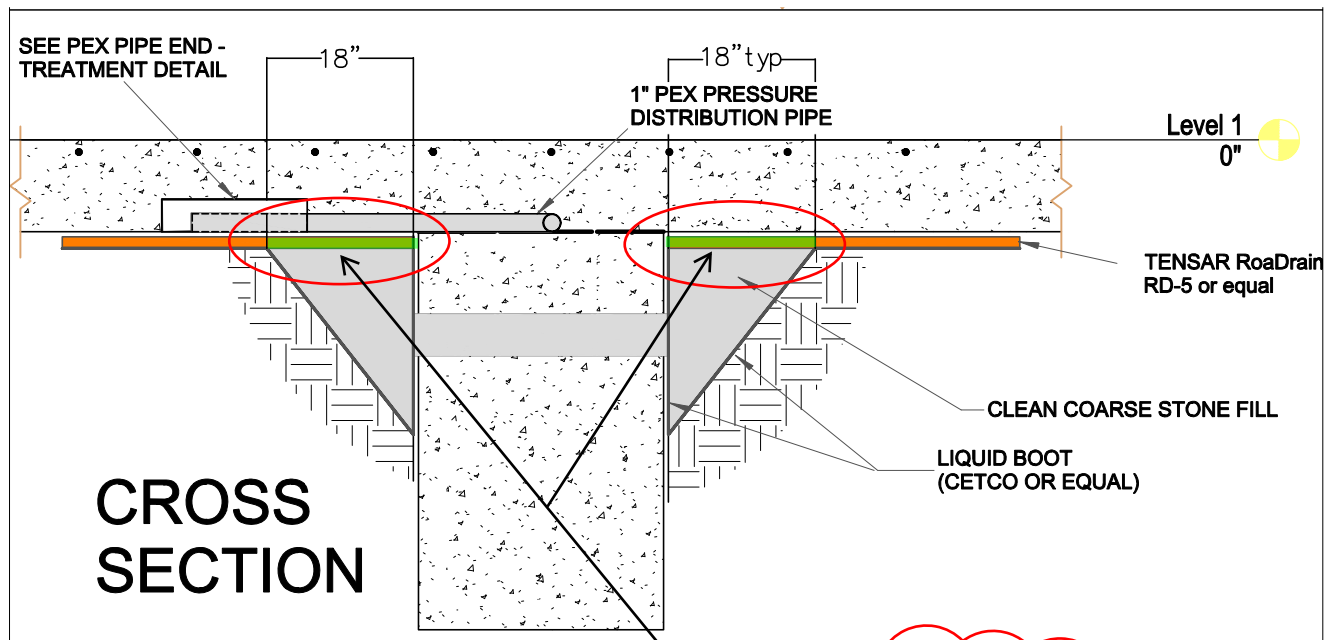
Section at Exterior Grade Beam
3/4" = 1'-0"

DATE	
CONTRACT NO.	
PROJECT NO.	
CONTRACTOR	
OWNER	
DESIGNER	
SCALE	
SHEET NO.	53.110
TOTAL SHEETS	
PROJECT NUMBER	214196
SHEET NUMBER	53.110

SYRACUSE HOTEL
Syracuse, New York

SCA CONSULTING
301 WEST ALABAMA
HOUSTON, TEXAS 77008
713.552.4888 FAX
www.scaconsulting.com

MCS
MITCHELL CARLSON STONE, INC.
ARCHITECTURE
PLANNING
INTERIORS
301 WEST ALABAMA
HOUSTON, TEXAS 77008
713.552.4888 FAX

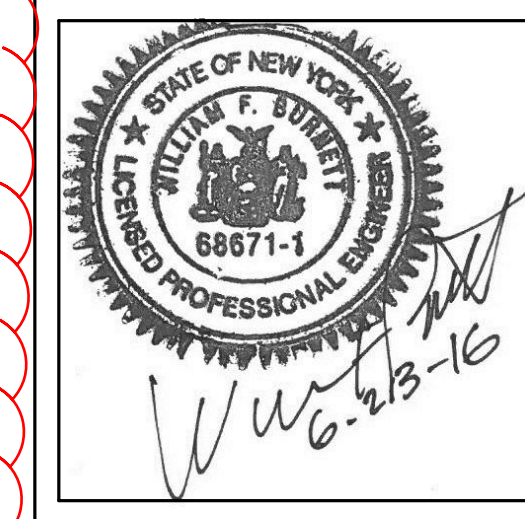


APPLIES TO SPECTRA
DRAWING 15209001
PLATE 1 OF 2

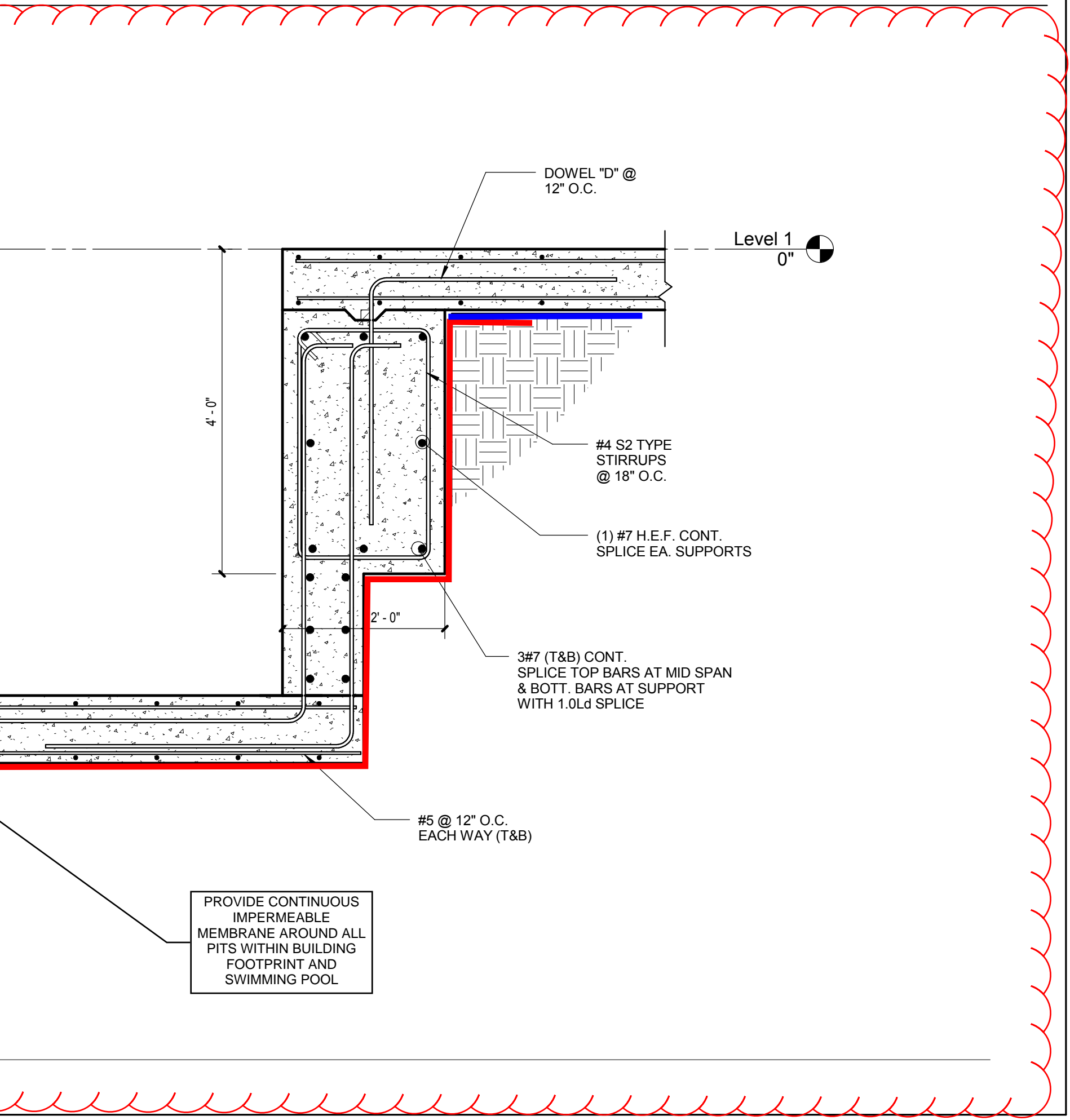
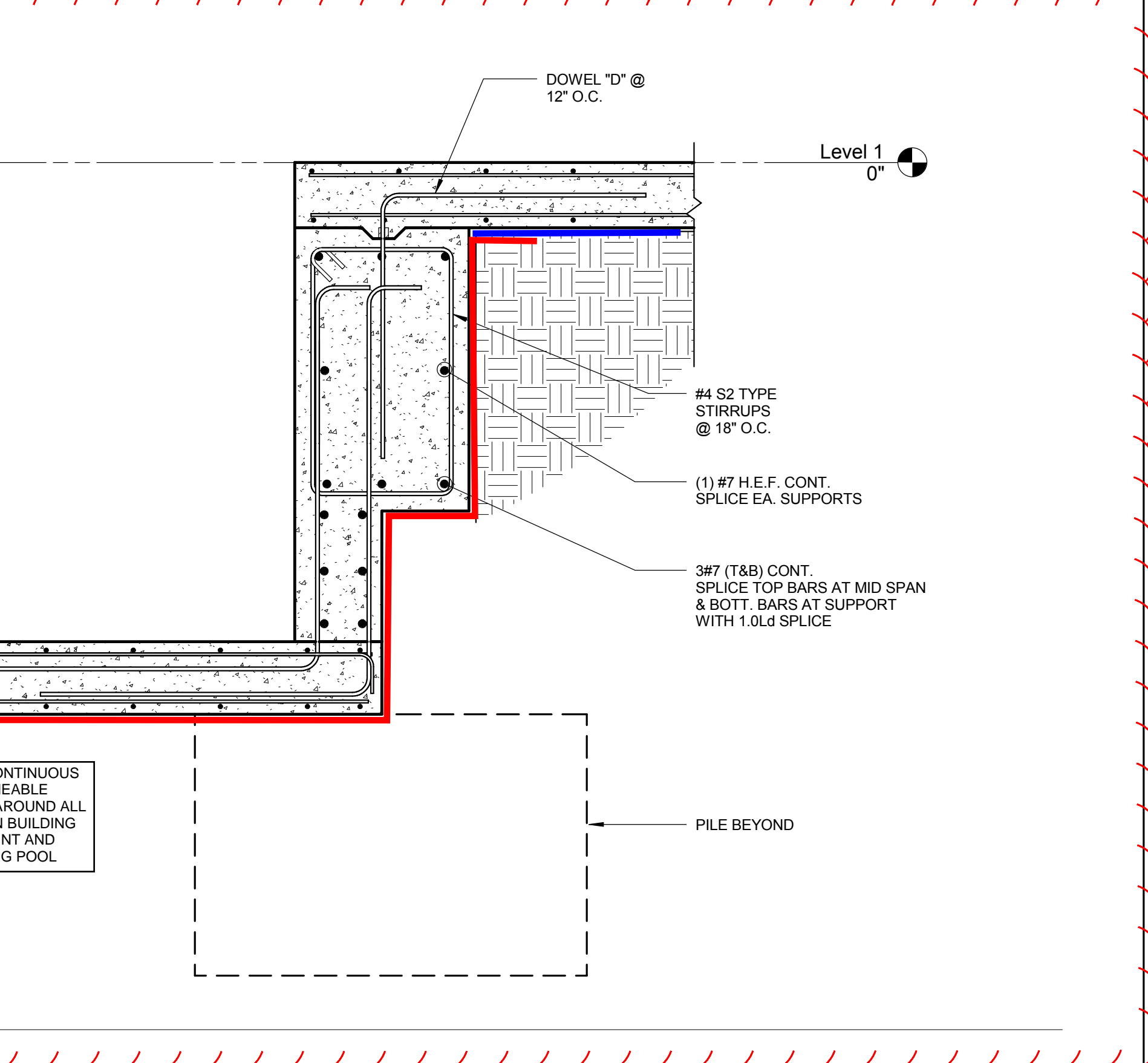
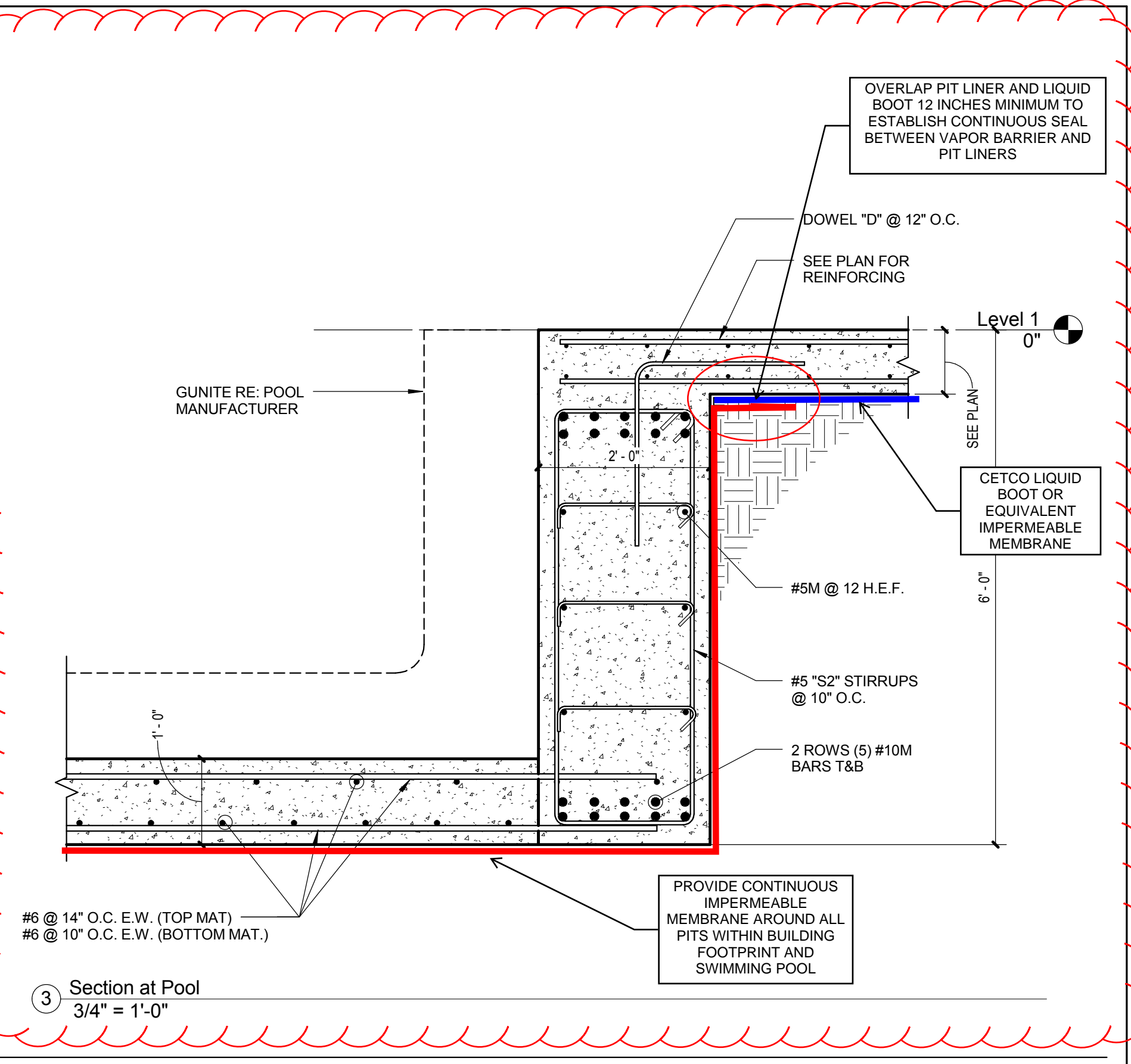
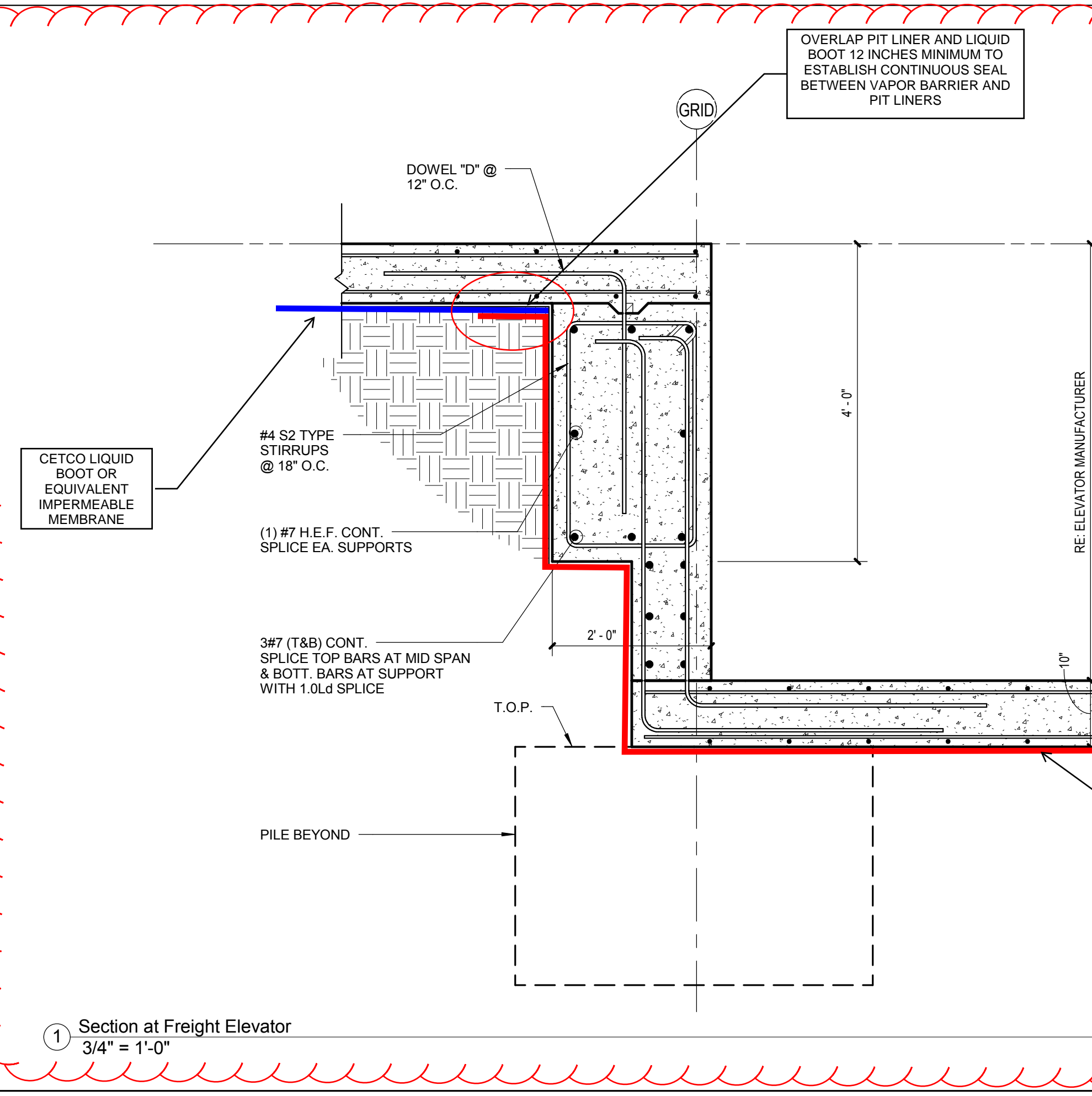
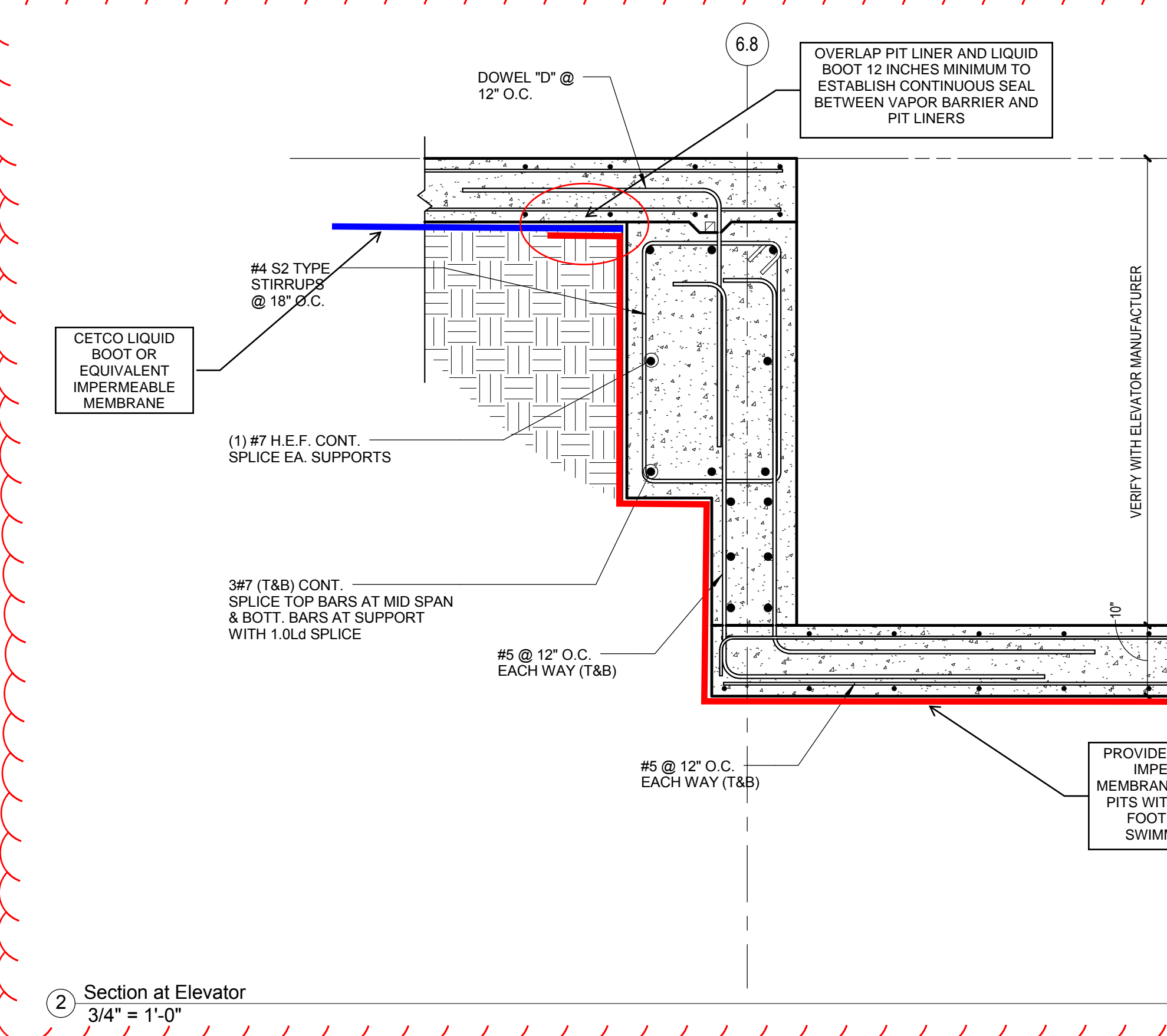
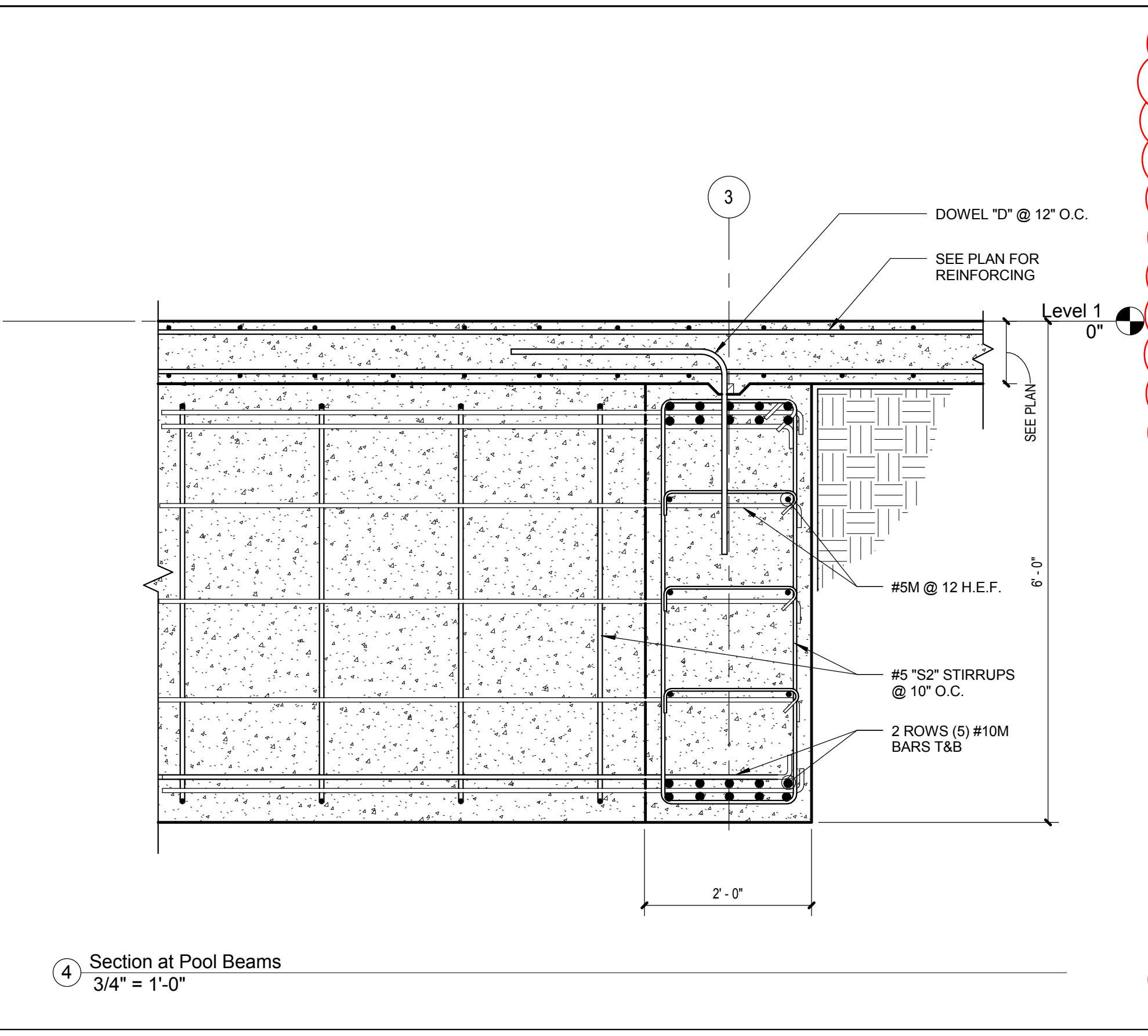
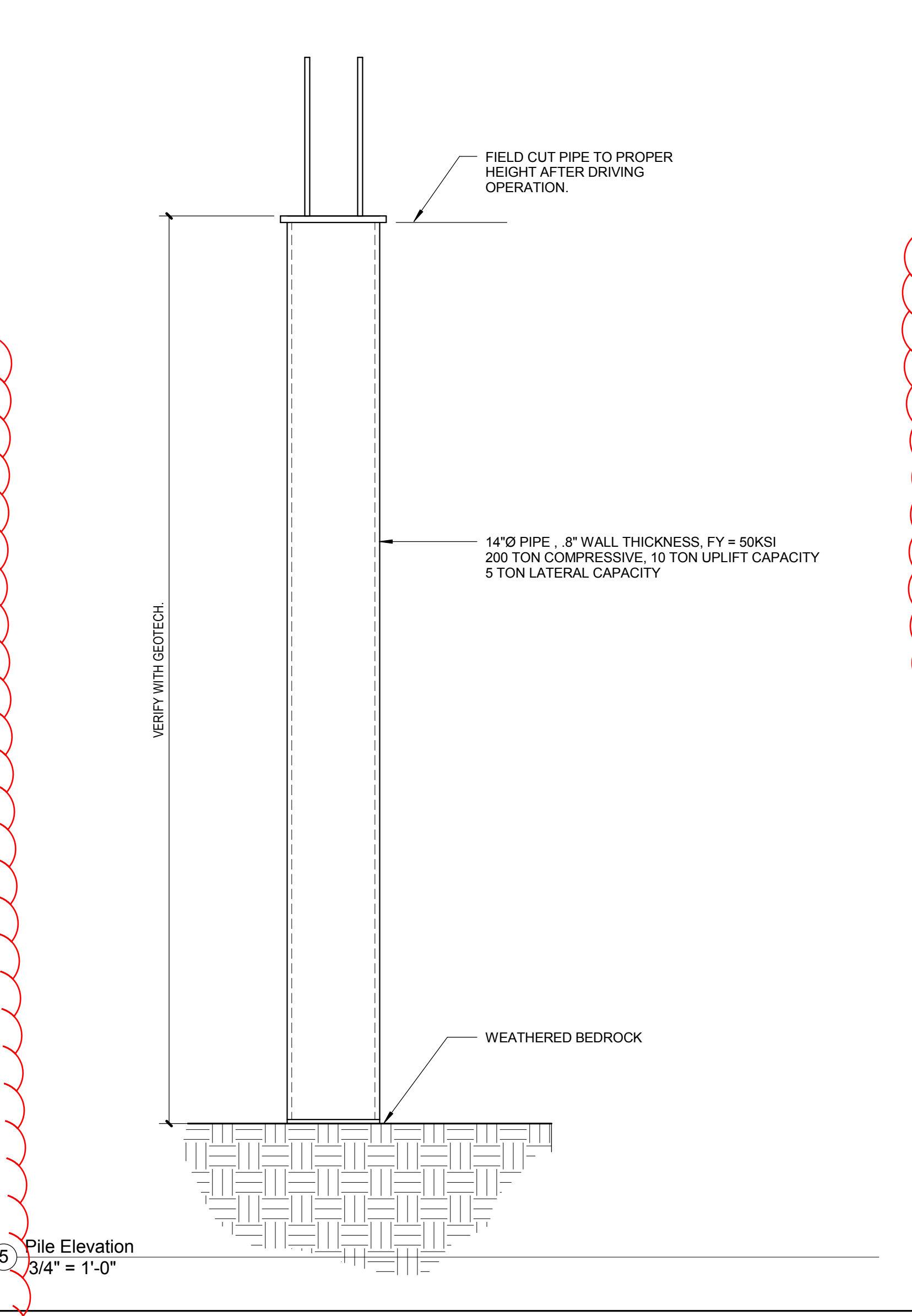
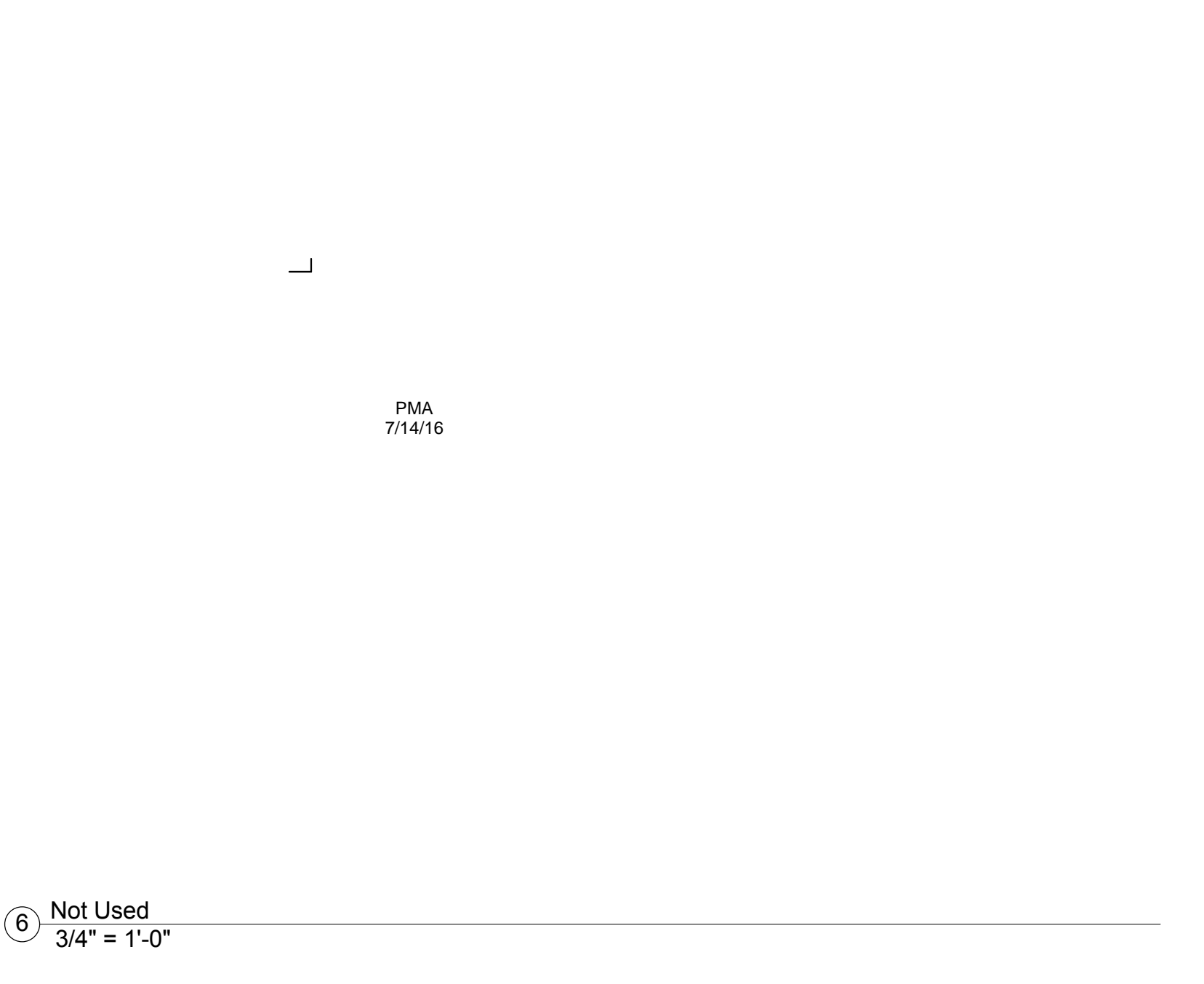
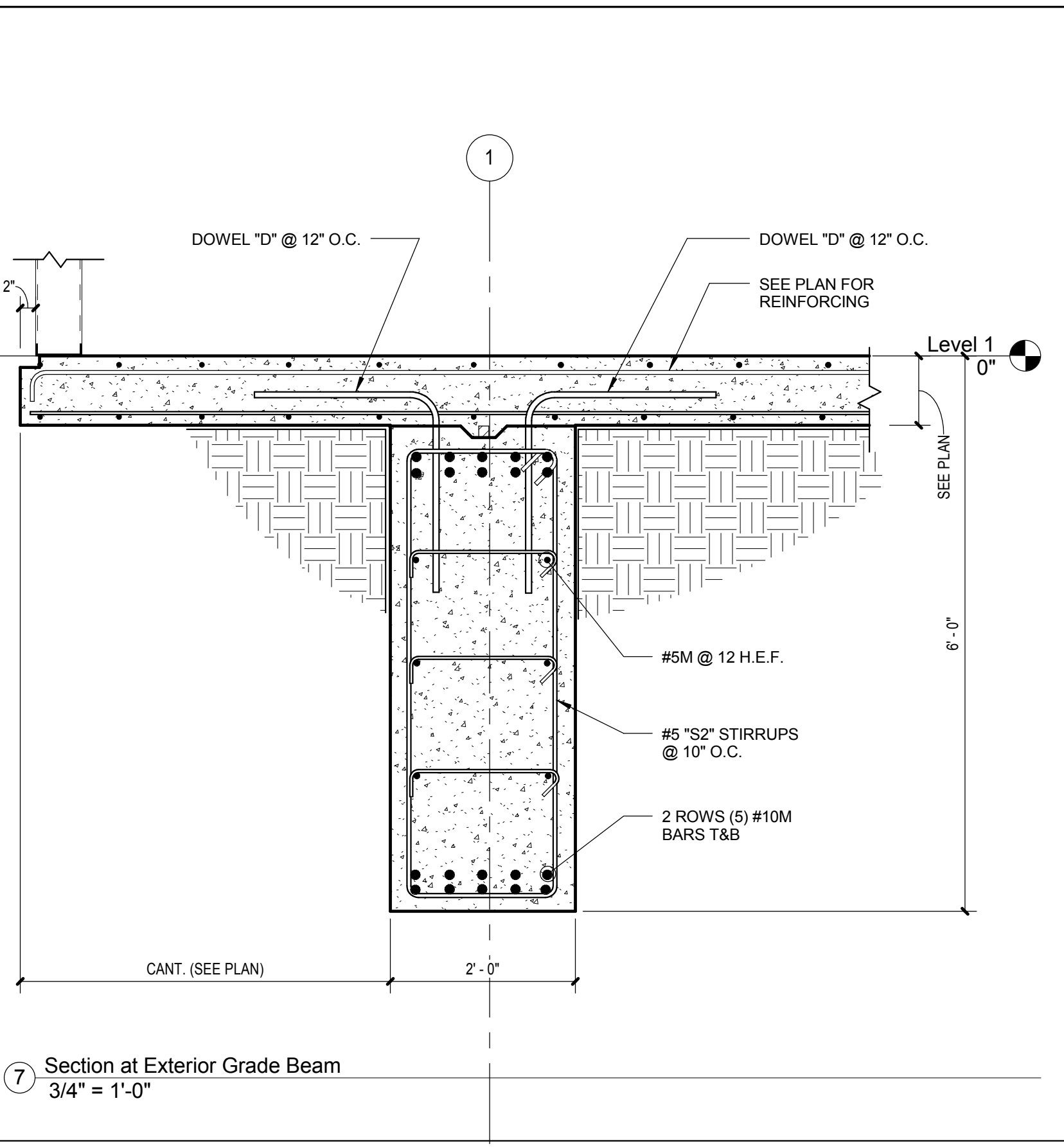
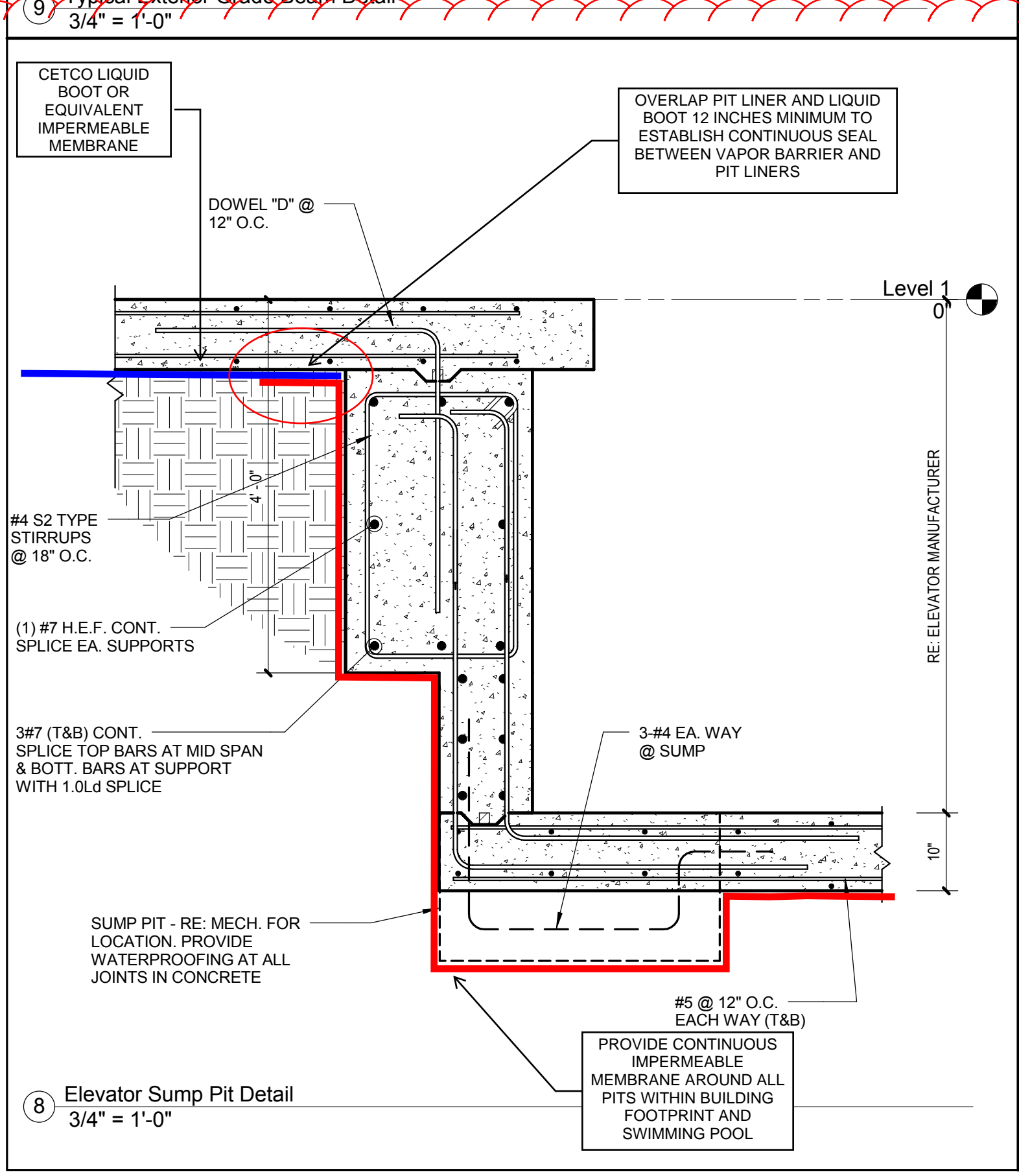
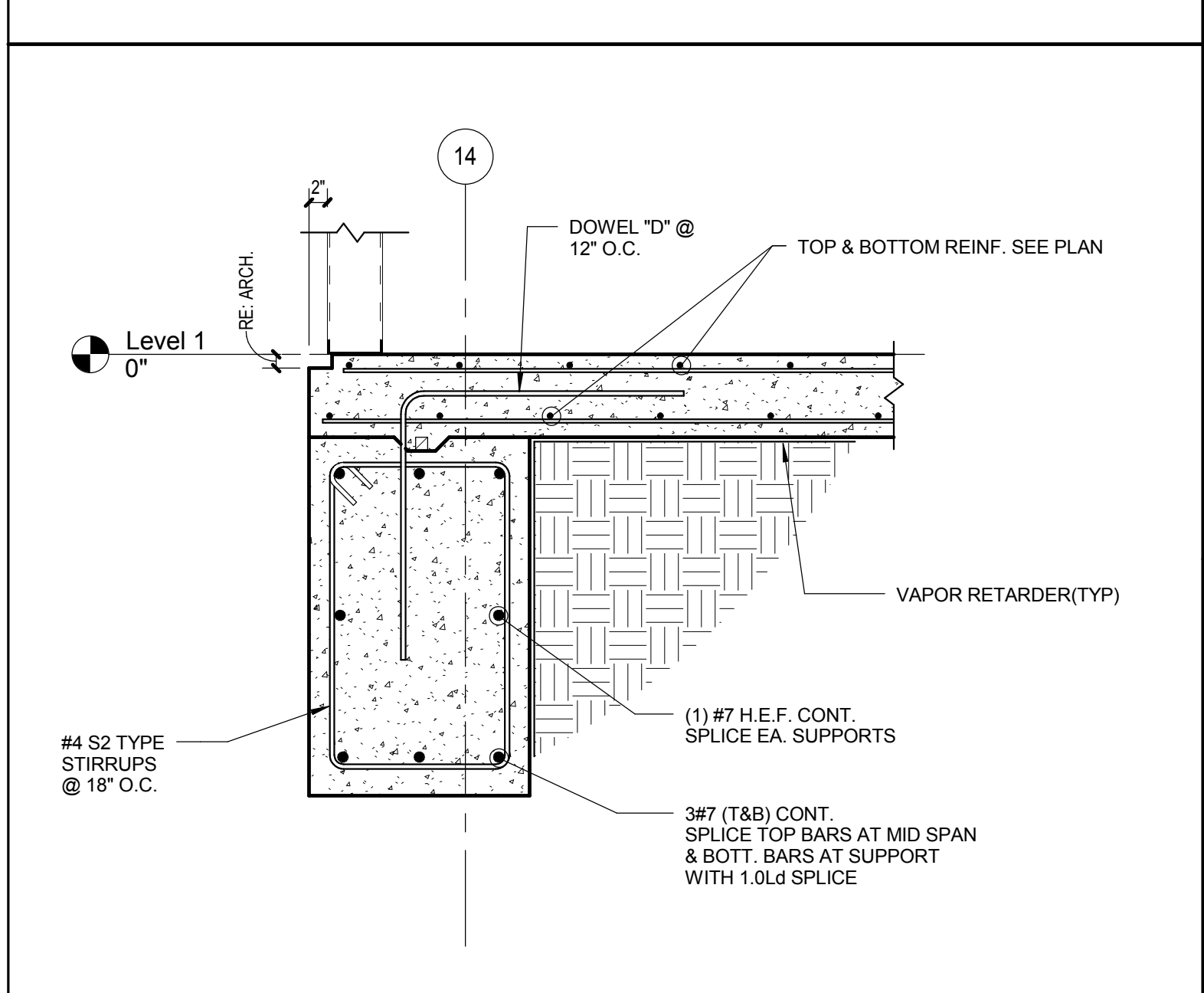
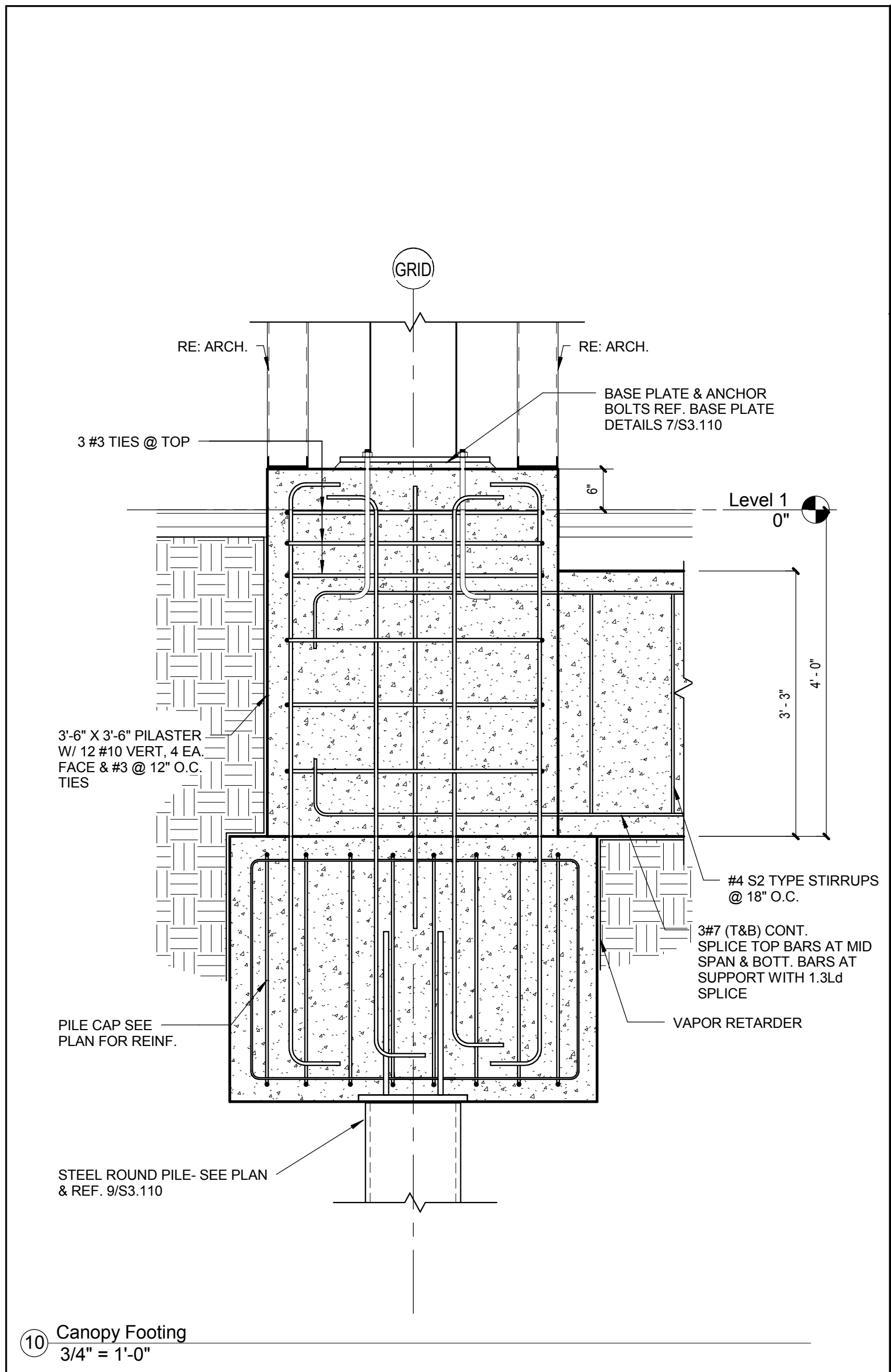
replace Mirafi G100N
with Tensar
RoadDrain over
stone at beam vents

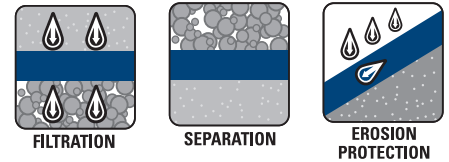
OR invert Mirafi
G100N to orient with
permeable face down

PMA
7/14/16



DATE	06/23/16 ISSUED FOR CONSTRUCTION
PROJECT NUMBER:	214196
SHEET NUMBER:	S3.111





Mirafi® G-Series Drainage Composite

for Retaining Walls, Cut-Off Drains and Landfill Closures

TenCate® develops and produces materials that function to increase performance, reduce costs and deliver measurable results by working with our customers to provide advanced solutions.

The Difference Mirafi® G-Series Drainage Composite Makes:

- Consistent and proven long-term performance due to a multi-directional core configuration providing a uniform flow path for water to escape.
- Relief of hydrostatic pressure buildup against subterranean surfaces.
- High-flow drainage capacity of up to three times the flow capacity of aggregate or sand, assuring effective drainage for virtually any drainage need.
- High compressive strength core that withstands installation and in-situ earth stresses.
- Cost savings due to the lightweight, easy to install 1.22m x 15.24m (4' x 50') panels. This saves the transportation cost of bringing aggregate to the construction site.

Mirafi® G100N drainage composite is produced from a high compressive strength core with a nonwoven polypropylene geotextile bonded to one side. Mirafi® G100W drainage composite provides the added benefit of a woven monofilament polypropylene geotextile bonded to one side for higher clog resistance and long-term flow capacity. Mirafi® G200N drainage composite, is ideal for two-sided drainage applications. Mirafi® N-Series nonwoven polypropylene geotextile is bonded to both sides of a high compressive strength pierced dimple core.

APPLICATIONS

Mirafi® G100N, G200N and G100W drainage composites are designed for use in high-flow, high compressive strength, vertical applications where single or double-sided subsoil drainage filter layer is needed. The flat side of the core fits directly against wall surfaces making it ideal for retaining walls, bridge abutments and other similar retaining structures. Mirafi® G100N, G200N and G100W drainage composites are capable of collecting large quantities of subgrade water and conducting it to a discharge pipe or collection



Mirafi® G-Series Drainage Composite

system. Ideal applications are placed against the excavation cut of a retaining wall or slope, landfill closure interceptor drainage and in trench drains.

INSTALLATION GUIDELINES*

Detailed installation instructions are available from your TenCate® representative.

* These guidelines serve as a general basis for installation. Detailed instructions are available from your TenCate® representative.

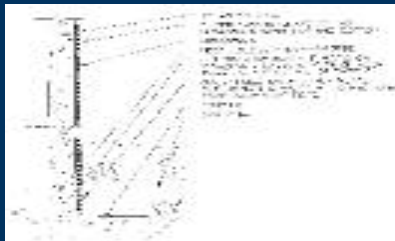


Mirafi® G-Series Drainage Composite

for Retaining Walls, Cut-Off Drains and Landfill Closures

Property	Test Method	Units	G100N	G100W	G200N
CORE					
Color	--	--	black	black	black
Thickness	ASTM D1777	in (mm)	0.4 (10.2)	0.4 (10.2)	0.4 (10.2)
Compressive Strength	ASTM D1621	psf (kN/m ²)	18000 (861.3)	18000 (861.3)	18000 (861.3)
Maximum Flow Rate ¹	ASTM D4716	gpm/ft (l/min/m)	21 (260)	21 (260)	21 (260)
Installed Vertically ²	ASTM D4716	gpm/ft (l/min/m)	12.5 (155)	18 (224)	12.5 (155)
Installed Horizontally ³	ASTM D4716	gpm/ft (l/min/m)	2.4 (30)	3.8 (47)	3.8 (47)
<i>¹In plane flow tested at 173kPa (3600psf) with a gradient of 1.0.</i>					
<i>²Installed flow rate with soil or concrete overburden at vertical gradient of 1.0.</i>					
<i>³Installed flow rate with soil overburden at horizontal gradient of 0.05.</i>					
GEOTEXTILE FILTER					
Mirafi® Geotextile	--	--	140NC	FW402	140NC
MECHANICAL PROPERTIES					
Grab Tensile Strength (MD)	ASTM D4632	lbs (N)	111 (494)	365 (1624)	111 (494)
Grab Tensile Strength (CD)	ASTM D4632	lbs (N)	111 (494)	200 (890)	111 (494)
Trapezoidal Tear Strength (MD)	ASTM D4533	lbs (N)	45 (200)	115 (512)	45 (200)
Trapezoidal Tear Strength (CD)	ASTM D4533	lbs (N)	45 (200)	75 (334)	45 (200)
CBR Puncture Strength	ASTM D6241	lbs (N)	337 (1500)	675 (3004)	337 (1500)
UV Resistance after 500 hrs	ASTM D4355	% strength	70	90	70
HYDRAULIC PROPERTIES					
AOS	ASTM D4751	U.S. Sieve (mm)	70 (0.21)	40 (0.43)	70 (0.21)
Permittivity	ASTM D4491	sec ⁻¹	1.9	2.1	1.9
Flow Rate	ASTM D4491	gpm/ft ² (l/min/m) ²	140 (5704)	145 (5907)	140 (5704)
Percent Open Area	COE-02215-86	%	na	6	na
PACKAGING					
Roll Width	--	ft (m)	4 (1.2)	4 (1.2)	4 (1.2)
Roll Length	--	ft (m)	50 (15.2)	50 (15.2)	50 (15.2)
Est. Gross Weight	--	lbs (kg)	50 (23)	50 (23)	55 (25)
Area	--	ft ² (m ²)	200 (18.6)	200 (18.6)	200 (18.6)

Mirafi® G-Series Drainage Composite



Retaining Wall



Slope



Retaining Wall Interceptor Drain

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PDS.G0312

365 South Holland Drive Tel 800 685 9990 Fax 706 693 4400
 Pendergrass, GA 30567 Tel 706 693 2226 www.mirafi.com





WATERPROOFING

Barricoat®-S

Description

Barricoat-S is a water-based asphalt emulsion modified with a blend of synthetic polymers and special additives. Barricoat-S is dispensed in tandem with Barricure, a non-corrosive, chloride-free deliquescent salt solution. Barricoat-S and Barricure are applied through specialized co-spray equipment, which is provided by others and approved by CCW. During spray, Barricoat-S rapidly becomes firm, tack-free and water-resistant. Product air dries to its final cured state, which is a rubber-like, fully adhered membrane.

Barricoat-S is a waterproofing and vapor barrier membrane for use in below-grade foundation wall assemblies. Barricoat-S is for use on primarily-vertical surfaces and can be applied directly to concrete, concrete masonry, polystyrene foam insulation board and many other common building materials. Barricoat-S waterproofing and MiraDRAIN® drainage composite are combined for a complete, warranted foundation waterproofing system by CCW.

Features and Benefits

- Fast, seamless installation
- Inexpensive, simple equipment
- Effectively coats rough and porous surfaces
- Safe, non-flammable and low odor
- Seals around fasteners
- Instant resistance to rain wash-off
- Can be applied year-round
- Can be applied to green concrete

Installation

Concrete shall be cured in place for 3 days minimum. Verify that surfaces are free of visible surface moisture, loose materials, release oils and other contaminants. These shall be removed prior to application by power washing or other suitable method. Fill form tie holes, honeycomb and voids with non-shrink grout or CCW-703 V Liqueiseal™. Barricoat-R may be used to fill voids and irregularities that do not exceed ¼" depth. Grind fins and similar protrusions flush. On concrete masonry unit (CMU) construction, mortar joints shall be free of voids and struck flush and mortar droppings shall be removed from surfaces.

Installing CCW-201 & CCW-703V Liqueiseal

Apply according to instructions on product data sheet. Allow sealant to cure fully before covering with Barricoat-R or MiraDRI 860/861 Strips.

Installing Barricoat-R & DCH Reinforcing Fabric

Apply approximately 30 wet mils of Barricoat-R to the substrate with a brush or roller. Immediately set DCH Reinforcing Fabric into Barricoat-R, pressing the fabric into the liquid while smoothing wrinkles with a brush or drywall knife. Lap neighboring pieces of DCH Reinforcing Fabric 2" minimum, and apply Barricoat-R into laps. Immediately cover fabric with a 2nd coat of Barricoat-R, encapsulating it. When the substrate temperature is 32°F or lower, or the ambient temperature is below 50°F, spray the top coat of Barricoat-R with Barricure solution, dispensed either from the co-spray gun with Barricoat-S turned off, or from a garden sprayer. Allow the detail to dry firm before spraying over with Barricoat-S.

Installation of MiraDRI 860/861 Strips

When the ambient or substrate temperature is below 40°F, use MiraDRI 861 Strips and follow the cold weather installation procedure indicated on the product data sheet. Prepare the surface with CCW-702 WB or CCW-702/702 LV, following the instructions on product data sheet. Apply CCW-715 to damp or green concrete surfaces. Apply the contact adhesive over enough area that it extends 1" minimum beyond the edge of the installed self-adhering flashing. Cut manageable-sized pieces of self-adhering flashing from the roll using sharp knife, making square, clean cuts. Lap neighboring pieces 5" minimum and sequence the installation to provide shingled laps. Press the self-adhering flashing firmly to the substrate with a hand roller tool, especially at edges and laps. Seal over laps and cuts and around penetrating hardware with LM-800XL Mastic.

Detailing Cracks and Cold Joint

Fill and cover non-moving cracks less than ¼" with a detail coat of Barricoat-R. Cover cold joints and cracks ¼" wide and greater with minimum 6"-wide DCH Reinforcing Fabric encapsulated in Barricoat-R or with 6"-wide MiraDRI 860/861 Strips. In addition, fill cracks exceeding ¼" width with non-shrink grout or CCW-201 struck flush, and allow the fill to cure before application of the fabric or membrane strips.

WATERPROOFING

Barricoat-S

Detailing Inside & Outside Corners

Cover with minimum 6"-wide DCH Reinforcing Fabric encapsulated in Barricoat-R or 6"-wide MiraDRI 860/861 Strips.

Detailing Foundation-to-Footing Transition

Apply 12"-wide DCH Reinforcing Fabric encapsulated in Barricoat-R. Alternate method: fill the angle with a ¾" tooled bead of CCW-201, then cover with 12" MiraDRI 860/861 Strips.

Detailing Pipe/Conduit Penetrations

Fill the rough gap around the penetration with non-shrink grout or CCW-201. Wrap pipe or conduit with MiraDRI 860/861 Strips, or DCH Reinforcing Fabric encapsulated in Barricoat-R. Reinforcement shall bear 3" minimum onto the wall and 3" minimum onto the pipe or conduit. Consult CCW shop drawings for more detail.

Detailing Expansion Joints, Control Joints and Transitions

Fill expansion joints with a tooled bead of CCW-201 over backer rod. Cover the joint or transition with two, 30-wet-mil coats of Barriseal-R or with MiraDRI 860/861 Strips. Treatment shall bear 4" minimum onto each side of joint. Consult CCW shop drawings for more detail.

Spraying Barricoat-S

Obtain full, safe access to the area and mask adjacent surfaces to protect from overspray. Verify that the product is within shelf life, as indicated on the product label. Inspect freeze indicator on the drum or tote to verify if it has been broken from exposure to freezing temperatures. Open drums or totes bearing broken freeze indicators and inspect material for sludge, particles or separation. Contact CCW Technical Service for more information on product inspection. Load Barricoat-S and Barricure into the spray system and start up according to the instructions given in the CCW Spray Equipment Brochure. Spray the wall surfaces, holding the gun approximately 20" to 24" from the surface. Keep the gun pointed square to the surface while spraying the surfaces from the bottom, upward. Apply a maximum of 90 mils wet thickness per coat. Total membrane thickness after full cure shall measure a minimum of 60 mils. Note that coating thickness measured shortly after spray will only shrink about 10% by volume, since Barricure has already pulled much of the water from the Barricoat-S by the time thickness can be measured.

Therefore, minimum thickness measured shortly after spray should read a minimum of 70 mils with a comb type wet mil gauge, or 66 mils with a pin gauge. Spray full thickness over cold joint details and corner details. Provide complete coverage over surfaces, so that there are no voids, pinholes or similar passages through membrane. Allow the membrane to dry completely before subjecting it to inspection for water leakage and adhesion testing. Drying time varies with substrate, ambient temperature and humidity. Membrane is dry when it appears black and rubber-like, and feels dry when pressed. Install MiraDRAIN drainage composite, Protection Board V or insulation board by others over the Barricoat-S membrane before backfill.

Spraying of Barricoat-S in Cold Weather

If the ambient or substrate temperature is 32°F or lower, incorporate these modifications to the standard procedure: Spray Barricoat-S in two coats at 35–40 wet mils each, allowing drying between coats. Keep drums of Barricoat-S and the spray equipment in an area maintained at or above 50°F, and keep the hose and gun reeled in except during spray.

Spraying of Barricoat-S on Aerated Concrete, Green Concrete, or Concrete Containing Additives that Cause Gassing

If Barricoat-S tends to blister shortly after spray on the concrete substrate, incorporate these modifications to the standard procedure: Spray the surface with approximately 10 mils wet of Barricoat-S, with the Barricure stream shut off. Allow this "primer coat" of Barricoat-S to dry firm, then apply Barricoat-S co-sprayed with Barricure according to the standard procedure or the cold weather procedure.

Repairing Damaged Membrane

Remove damaged and loosely adhered material. Clean weathered or dirty surfaces with a clean rag wet with xylene or toluene. Allow any solvent to dry and cover damaged area with three, 30-wet-mil coats of Barricoat-R or a minimum 70-wet-mil coat of Barricoat-S.

Installing MiraDRAIN over Barricoat-S

Allow Barricoat-S membrane to dry completely. Spray CAV-GRIP™ adhesive over the surface of Barricoat-S, and press MiraDRAIN in place. Install MiraDRAIN, MiraDRAIN HC and HC connectors in accordance with MiraDRAIN Installation Guide.

Installing Protection Board V or Foam Plastic Board Insulation by Others over Barricoat-S

Allow Barricoat-S membrane to dry completely. Attach insulation to surface of membrane with CAV-GRIP or approved insulation adhesive by others. Where CAV-GRIP is used, spray adhesive over surface of Barricoat-S, and press insulation in place.

Installing Insulation Board & MiraDRAIN over Barricoat-S

CCW recommends installation of insulation over the Barricoat-S followed by installation of MiraDRAIN drainage composite over the insulation. Bond the insulation to Barricoat-S according to the aforementioned procedure. Bond MiraDRAIN to the surface of the insulation by spraying CAV-GRIP to back side of MiraDRAIN, and pressing MiraDRAIN to the surface of the insulation.

Dampproofing

Barricoat-S may be used as damproofing on walls and foundations. When used as a damproofing Barricoat-S is applied at 45 mils wet ensuring that all Barricoat-S limitations, substrate preparation, and application techniques outlined in this document are followed. Total thickness after full cure shall measure a minimum of 30 mils.

Limitations

- Protect from freezing during delivery, storage and handling.
- Not intended for permanent exposure. Cover within 30 days of application.
- Not compatible with silicone, coal tar, polysulfide or plasticized PVC.
- Do not apply solvent-based products over Barricoat-S.
- Do not use in plaza deck, planter, pond liner or other horizontal waterproofing applications.
- Do not use as a negative-side waterproofing membrane.

Storage

Store product and accessories in area protected from direct sunlight and precipitation, and away from open flames, sparks or welding. Store flammable materials in accordance with federal, state and local regulations. Store drums and totes of Barricoat-S in an area maintained between 50°F and 90°F.

Packaging

Barricoat-S and Barricure are purchased separately. Note that Barricure is a REQUIRED system component. Consumption of Barricure is approximately one pail for every 3 drums of Barricoat-S.

Product Name	Description	Available Items
Barricoat-S	Spray-applied waterproofing membrane	P/N 304918 – 55-gallon drum filled with 50 gallons of product
Barricure	Chloride-free curing agent for Barriseal-S	P/N 309736 – 5-gallon pail

Typical Properties

Property	Method	Results
Color	—	Un-cured: Dark brown Cured: Black
Volatile Organic Content	—	<20 g/l
Shelf Life	—	9 months
Percent Solids (weight)	—	63%
Cured Film Thickness	—	60 mils, minimum
Theoretical Coverage	—	16 sq ft/g
Application Temperature	—	Minimum 20°F, ambient and substrate
Service Temperature	—	-20°F to 149°F
UV Exposure	—	30 days maximum
Resilience	ASTM D5329	98% (recovery)
Low-Temp Flexibility	ASTM D1970	No cracking at -20°F, bent over 1" mandrel
Low-Temp Crack Bridging	ASTM C836	Pass
Extensibility over Crack after Heat Aging	ASTM C836	Pass
Peel Adhesion (lb/in)	ASTM D903	HDPE Film 12.2 Concrete 14.1 CMU 14.1 DensGlass® Gold 13.1
Elongation	ASTM D412	1,000%
Water Vapor Permeance	ASTM E96	0.02 Perm

WATERPROOFING

Barricoat-S

Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.

CCW MIRACLAY®

Bentonite Clay Waterproofing Membrane



Description

CCW MiraCLAY has a uniform layer of sodium bentonite clay that is sandwiched between a durable puncture-resistant nonwoven polypropylene fabric and a high-tensile strength woven polypropylene fabric and then needle punched together with thousands of high-strength denier yarns. These fibers are then thermally fused to the polypropylene in a proprietary Infrabond™ procedure that locks the sodium bentonite into place.

CCW MiraCLAY is designed for waterproofing below-grade structural slabs as well as construction methods incorporating lagging, concrete caisson or shotcrete retention walls. CCW MiraCLAY is also very effective in rehab waterproofing and zero clearance property line construction.

Features/Benefits

- Self-healing if ripped or punctured.
- In a hydrated state, the bentonite clay has tremendous impermeability and excellent resistance to chemicals (i.e., acids, bases and hydrocarbons).
- Expands and seals cracks in concrete.

Installation

Underslab Applications

CCW MiraCLAY is designed for use under reinforced concrete slabs 4" (100 mm) thick or greater on a compacted earth/gravel substrate. If installed over a mud slab, CCW MiraCLAY requires a minimum 5" (150 mm) thick reinforced concrete slab.

For contaminated site water conditions, as determined by a site water analysis, CCW MiraCLAY EF should be used. When hydrostatic conditions exist, CCW MiraCLAY should be installed under footings and grade beams as shown in CCW MiraCLAY details.

Substrate Preparation: NOTE: Do not begin construction in work areas where there is standing water or in situations which may cause the CCW MiraCLAY to prematurely hydrate.

Before installing CCW MiraCLAY, the substrate must be properly prepared. Substrate may be concrete, earth, sand, pea gravel or crushed stone. Earth and sand substrates should be compacted to a minimum 85% Modified Proctor density. Crushed stone should not be larger than ¾" (18 mm) in size. Honeycombing, voids and aggregate pockets exceeding 1" in diameter or have a depth greater than ¾ inch should be filled with a non-shrink cementitious grout. Fill tie-rod holes with a non-shrink cementitious grout. Substrate should be smooth and uniform without sharp projections or pockets. Complete all required elevator pit, sump pit and grade beam and piling work before installing CCW MiraCLAY under main slab area.

Installation: Install CCW MiraCLAY over the properly prepared substrate with the non-woven geotextile side up. Overlap adjoining edges a minimum of 4" (100 mm); stagger sheet ends a minimum of 24" (600 mm); and nail or staple edges together as required to prevent any displacement during

Property	Method	Unit	Typical Value
Bentonite Mass/ Unit Area	ASTM D5993	lbs/ft ² (kg/m ²)	1.0 (4.88)
Nonwoven	ASTM D5261	oz/yd ² MARV ¹	6.0 (200)
Woven		(g / m ² MARV)	3.1 (105)
Swell Index	ASTM D5890	—	24 ml (2 g) min
Moisture Content	ASTM D4643	% max	12
Fluid Loss	ASTM D5891	ml max	18
Tensile Strength ²	ASTM D6768	lb/in MARV (kN/m MARV)	30 (5)
Peel Strength	ASTM D6496	lbs/in MARV N/m MARV	3.5 (610)
Permeability ³	ASTM D5887	m/s max	5 x 10 ⁻¹¹
Index Flux ³	ASTM D5887	m ³ /m ² /s max	1 x 10 ⁻⁸
Internal Shear Strength ⁴	ASTM D6243	psf (kPa)	500 (24)
Elongation ⁵	ASTM D4632	%	150
Low Temperature Flexibility	ASTM D1970	@ -25°F (-32°C)	Unaffected
Hydrostatic Head Pressure	ASTM D751	ft (meter)	228 (59.49)
Adhesion to Concrete	ASTM 0903	lb/in (kg/cm)	17.7 (8)

1. Minimum Average Roll Value.
2. Tested in machine direction.
3. Deaired, deionized water @ 5 psi (24.5 kPa) maximum effective confining stress and 2 psi (13.8 kPa) head pressure.
4. Typical peak value for specimen hydrated for 24 hours and sheared under a 200 psf (9.5 kPa) normal stress.
5. Measure at maximum peak, in the weakest principle direction.

concrete placement. CCW MiraCLAY Granules may also be placed in the seam for additional waterproofing performance.

When the slab is poured in sections, CCW MiraCLAY should extend a minimum 12" (300 mm) beyond the slab edge. When the installation reaches the outer edge of the slab, continue CCW MiraCLAY up and out of the form a minimum of 12" (300 mm). At the corner, CCW MiraCLAY should remain in contact with the substrate and inside the surface of the concrete form. When the form is removed, the CCW MiraCLAY outside the form should be positioned and fastened onto the footing or vertical wall. Overlay the CCW MiraCLAY a minimum of 6" (150 mm) with the succeeding vertical waterproofing membrane.

At property line retaining walls, such as soldier pile or lagging, continue the underslab CCW MiraCLAY application up the retaining wall a minimum 12" (300 mm) above the top edge of the slab or footing and secure. Overlap the vertical CCW

CCW MIRA CLAY

Bentonite Clay Waterproofing Membrane



MiraCLAY waterproofing membrane by a minimum of 6" (150 mm) or a minimum of 12" (300 mm) under hydrostatic head conditions.

Property Line/Lagging Application

Substrate Preparation: Gaps between the wood lagging greater than 1" (25 mm) must be filled with cementitious grout. In areas with large gaps (1" to 5" / 25 mm to 125 mm) between lagging, install plywood to provide a uniform substrate. Where drainage issues may arise, install CCW MiraDRAIN to provide a uniform substrate as well as to facilitate drainage.

Installation: Install CCW MiraCLAY with the white non-woven side facing the installer. Secure the CCW MiraCLAY into position with fasteners and 1" (25 mm) washers. Use the appropriate fasteners for the type of substrate used to receive the CCW MiraCLAY. Install succeeding courses of CCW MiraCLAY by overlapping the previous course a minimum of 4" (100 mm). Stagger the seams a minimum of 24" (600 mm). Install in shingle fashion so that the upper roll of CCW MiraCLAY overlaps the lower roll. Fasten membrane once every 18" (45 cm) on seams or as required to prevent blousing. Shotcrete installations require a seam fastening pattern not to exceed 12" O.C. or as necessary to prevent seam blousing.

Extend waterproofing membrane to 6" below grade and fasten membrane to the substrate to maintain constant compression using a 1/8" x 1" (3 x 25 mm) minimum termination bar. Embed the top edge of CCW MiraCLAY and termination bar with a thick bead of CCW MiraCLAY Sealant 2" (50 mm) wide by 1/2" (12 mm) thick.

Standard Foundation Walls

Substrate Preparation: The substrate must be properly prepared to receive the CCW MiraCLAY waterproofing membrane. All honeycombs, form-tie cavities and indentations should be filled with CCW MiraCLAY Sealant or filled with latex Portland Cement. Substrate must be smooth and uniform removing any protrusions over 1/2" (12 mm) from the surface. Footings must be free of soil, rocks or debris to provide a suitable substrate to receive the CCW MiraCLAY waterproofing membrane.

Installation: The CCW MiraCLAY waterproofing membrane should be installed with the white non-woven side facing the applicator. Create a cant at any vertical to horizontal transition by applying a 1 1/2" (39 mm) to 2" (50 mm) of CCW MiraCLAY Granules or CCW MiraCLAY Sealant along that junction. At the base of the foundation wall where the vertical wall meets the horizontal footing, install CCW MiraCLAY in a horizontal manner extending out onto the footing a minimum of 12" (300 mm). Fasten the CCW MiraCLAY in place with concrete fasteners and 1" (25 mm) washers. Install succeeding courses of CCW MiraCLAY by overlapping the previous course a minimum of 4" (100 mm). Stagger the seams a minimum of 12" (300 mm). Install in shingle fashion so that the upper roll of CCW MiraCLAY overlaps the lower roll. Fasten membrane once every 18" (45 cm) to 3' (90 cm) on seams or as required to prevent blousing. At grade line, terminate CCW MiraCLAY with a rigid termination bar or fasten 12" (300 mm) on center. Embed the top edge of CCW MiraCLAY and termination bar with a thick bead of CCW MiraCLAY sealant 2" (50 mm) wide by 1/2" (12 mm) thick. Backfill must be compactible soils free of construction debris and must be uniformly compacted to a minimum 85% Modified Protor on each lift.

Detail Requirements

For standard installation details, follow the CCW MiraCLAY details drawings. For non-standard installation instructions contact your local Carlisle Coatings & Waterproofing representative.

Carlisle Coatings & Waterproofing recommends the use of CCW MiraDRAIN, a geocomposite sheet drain, to facilitate the removal of water away from the structure. The CCW MiraCLAY and CCW MiraDRAIN waterproofing and drainage system provides maximum protection against water penetration.

Packaging

5' x 14' (70 sq ft) rolls

Limitations

- CCW MiraCLAY membranes should remain dry before and during installation.
- Improper storage could lead to product deterioration.
- Not for use on CMU foundations.

Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.

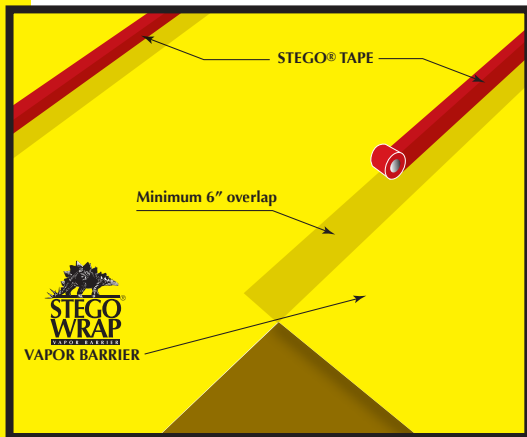
PART 1

STEGO WRAP VAPOR BARRIER/RETARDER INSTALLATION INSTRUCTIONS



IMPORTANT: Please read these installation instructions completely, prior to beginning any Stego Wrap installation. The following installation instructions are based on ASTM E 1643 - Standard Practice for Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs. If project specifications call for compliance with ASTM E 1643, then be sure to review the specific installation sections outlined in the standard along with the techniques referenced in these instructions.

FIGURE 1: UNDER-SLAB INSTALLATION



UNDER-SLAB INSTRUCTIONS:

1. Stego Wrap can be installed over an aggregate, sand, or tamped earth base. It is not necessary to have a cushion layer or sand base, as Stego Wrap is tough enough to withstand rugged construction environments.
2. Unroll Stego Wrap over the area where the slab is to be placed. Stego Wrap should completely cover the concrete placement area. All joints/seams both lateral and butt should be overlapped a minimum of six inches and taped using Stego Tape.

NOTE: The area of adhesion should be free from dust, dirt, moisture, and frost to allow maximum adhesion of the pressure-sensitive tape.

3. ASTM E 1643 requires sealing the perimeter of the slab. *Extend vapor retarder over footings and seal to foundation wall, grade beam, or slab at an elevation consistent with the top of the slab or terminate at impediments such as waterstops or dowels.* Consult the structural engineer of record before proceeding.

SEAL TO SLAB AT PERIMETER:*

NOTE: Clean the surface of Stego Wrap to ensure that the area of adhesion is free from dust, dirt, moisture, and frost to allow maximum adhesion of the pressure-sensitive adhesive.

- a. Install Crete Claw® on the entire perimeter edge of Stego Wrap.
- b. Prior to the placement of concrete, ensure that the top of Crete Claw is free of dirt, debris, or mud to maximize the bond to the concrete.

STEGO LABOR SAVER!

This method not only complies with ASTM E 1643, but it also:

- reduces labor compared to other perimeter sealing techniques.
- can be used even without an existing wall or footing, unlike alternatives.

FIGURE 2a: SEAL TO SLAB AT PERIMETER

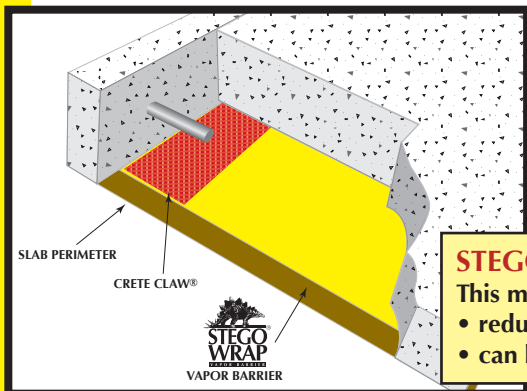


FIGURE 2b: SEAL TO PERIMETER WALL

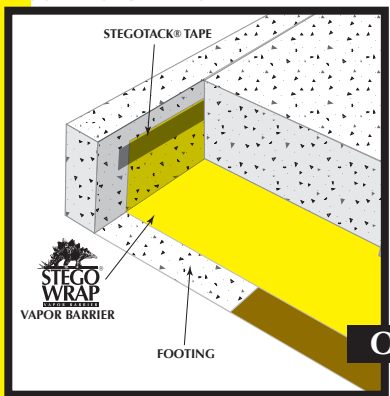
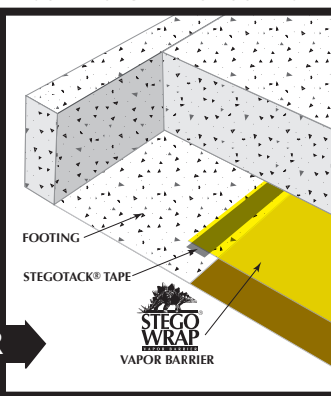


FIGURE 2c: SEAL TO FOOTING



OR SEAL TO PERIMETER WALL OR FOOTING WITH STEGOTACK® TAPE:*

- a. Make sure area of adhesion is free of dust, dirt, debris, moisture, and frost to allow maximum adhesion.
- b. Remove release liner on one side and stick to desired surface.
- c. When ready to apply Stego Wrap, remove the exposed release liner and press Stego Wrap firmly against StegoTack Tape to secure.

* If ASTM E 1643 is specified, consult with project architect and structural engineer to determine which perimeter seal technique should be employed for the project.

NOTE: Stego Industries, LLC's ("Stego") installation instructions are based on ASTM E 1643 - Standard Practice for Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs. These instructions are meant to be used as a guide, and do not take into account specific job site situations. Consult local building codes and regulations along with the building owner or owner's representative before proceeding. If you have any questions regarding the above mentioned installation instructions or Stego products, please call us at 877-464-7834 for technical assistance. While Stego employees and representatives may provide technical assistance regarding the utility of a specific installation practice or Stego product, they are not authorized to make final design decisions.

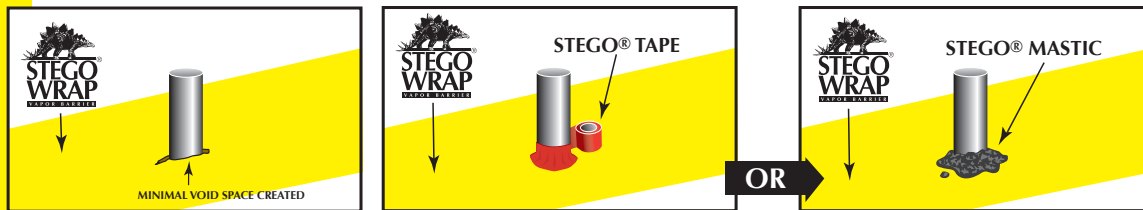
- In the event that Stego Wrap is damaged during or after installation, repairs must be made. Stego Tape can be used to repair small holes in the material. For larger holes, cut a piece of Stego Wrap to a size and shape that covers any damage by a minimum overlap of six inches in all directions. Clean all adhesion areas of dust, dirt, moisture, and frost. Tape down all edges using Stego Tape (see figure 3, Sealing Damaged Areas).

FIGURE 3: SEALING DAMAGED AREAS



- IMPORTANT: ALL PENETRATIONS MUST BE SEALED.** All pipe, ducting, rebar, wire penetrations and block outs should be sealed using Stego Wrap, Stego Tape and/or Stego Mastic (see figure 4a, Pipe Penetration Sealing).

FIGURE 4a: PIPE PENETRATION SEALING



STEGO WRAP PIPE PENETRATION REPAIR DETAIL:

- Install Stego Wrap around pipe penetrations by slitting/cutting material as needed. Try to minimize the void space created.
- If Stego Wrap is close to pipe and void space is minimized then seal around pipe penetration with Stego Tape and/or Stego Mastic. **(See Figure 4a)**
- If detail patch is needed to minimize void space around penetration, then cut a detail patch to a size and shape that creates a six inch overlap on all edges around the void space at the base of the pipe. Stego Pre-Cut Pipe Boots are also available to speed up the installation.
- Cut an "X" the size of the pipe diameter in the center of the pipe boot and slide tightly over pipe.
- Tape down all sides of the pipe boot with Stego Tape.
- Seal around the base of the pipe using Stego Tape and/or Stego Mastic. **(See Figure 4b)**

FIGURE 4b: DETAIL PATCH FOR PIPE PENETRATION SEALING

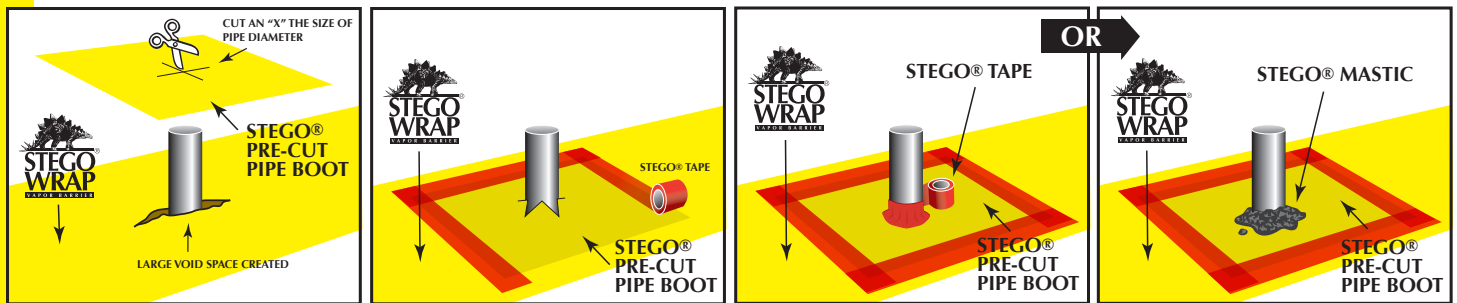
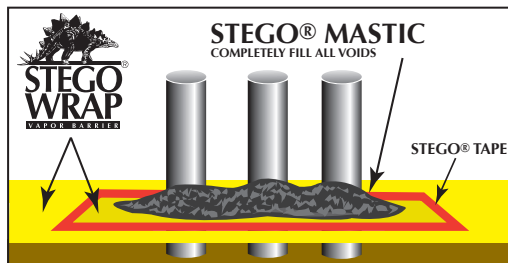


FIGURE 5: MULTIPLE PIPE PENETRATION SEALING



MULTIPLE PIPE PENETRATION SEALING:

Multiple pipe penetrations in close proximity and very small pipes may be sealed using Stego Wrap and Stego Mastic for ease of installation (see figure 5, Multiple Pipe Penetration Sealing).

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PART 2

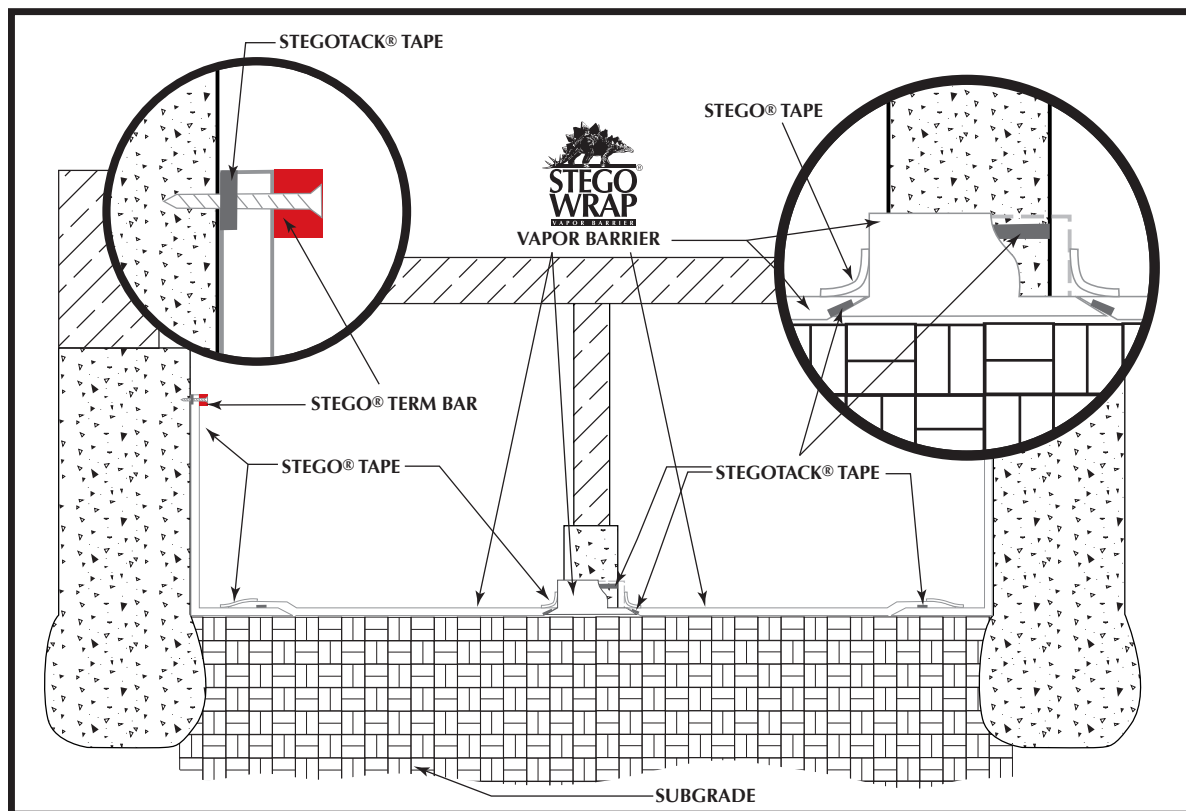
STEGO WRAP VAPOR BARRIER/RETARDER INSTALLATION INSTRUCTIONS



CRAWL SPACE INSTALLATION INSTRUCTIONS:

1. Turn Stego Wrap up the foundation wall to a minimum height of six inches above the outside/exterior grade or in compliance with local building codes and terminate with Stego Term Bar. To form a complete seal, apply StegoTack Tape or a layer of Stego Mastic to the foundation wall prior to installing Stego Term Bar. Allow one hour for Stego Mastic to cure prior to installing Stego Term Bar.
2. Seal Stego Wrap around all penetrations and columns using Stego Tape, StegoTack Tape, and/or Stego Mastic.
3. Place Stego Wrap directly over the crawl space floor. If rigid insulation is to be used, install Stego Wrap prior to insulation (under insulation and between the foundation wall and insulation).
4. Overlap seams a minimum of six inches and seal with Stego Tape. Some codes require a minimum of a twelve inch overlap. Check appropriate codes prior to installation.

FIGURE 6: CRAWL SPACE INSTALLATION



NOTE: Stego Wrap Vapor Barrier and Stego Tape are both available in white (as shown in illustration above).

INSTALLATION TIP:

1. For a cleaner look and to prevent against tenting of Stego Wrap at the foundation wall/foundation floor intersection, consider mechanically fastening Stego Wrap to base of foundation wall in addition to the above mentioned wall termination.

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**NEW YORK STATE DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH ASSESSMENT
CENTER FOR ENVIRONMENTAL HEALTH**

**INDOOR AIR SAMPLING & ANALYSIS GUIDANCE
February 1, 2005**

SCOPE

Air testing for specific chemical compounds is an investigative tool used to characterize the nature and extent of contaminants in air and to determine whether contaminant sources affect indoor air quality. The purpose of this document is to outline the recommended procedure for testing indoor air for volatile chemicals.

This document provides guidance for preparing sampling locations and collecting samples for laboratory analysis to ensure the integrity of the test results and allow for meaningful interpretation of the data. The steps discussed include; pre-sampling inspection and preparation of buildings, product inventories, and the collection and analysis of samples.

Forms (attached) - Indoor Air Quality Questionnaire and Building Inventory
 - Product Inventory Form

GUIDANCE

1. Pre-Sampling Inspection:

A pre-sampling inspection should be performed prior to each sampling event to identify conditions that may affect or interfere with the proposed testing. The inspection should evaluate the type of structure, floor layout, physical conditions, and airflows of the building(s) being studied. The inspection information should be identified on the attached Indoor Air Quality Questionnaire and Building Inventory form. In addition, potential sources of chemicals of concern should be evaluated within the building by conducting a product inventory. The primary objective of the product inventory is to identify potential air sampling interference by characterizing the occurrence and use of chemicals and products throughout the building, keeping in mind the goal of the investigation and site specific contaminants of concern. For example, it is not necessary to provide detailed information for each individual container of like items. However it is necessary to indicate that “20 bottles of perfume” or “12 cans of latex paint” were present with containers in good condition. This information is used to help formulate the indoor environment profile.

Each room on the floor of the building being tested and on lower floors, if possible, should be inspected and an inventory provided. This is important because even products stored in another area of a building can affect the air of the room being tested.

For example, when testing for a petroleum spill, all indoor sources of petroleum hydrocarbons should be scrutinized. These can include household and commercial products containing volatile organic compounds (VOCs), petroleum products including fuel from gasoline-operated equipment, unvented space heaters and heating oil tanks, storage and/or recent use of petroleum-based finishes and paints or products containing petroleum distillates. This information should be detailed on the Product Inventory Form.

The presence and description of odors (e.g. solvent, moldy) and portable vapor monitoring equipment readings (e.g., photoionization detectors [PIDs] for VOCs, Jerome Mercury Vapor Analyzer for mercury) should be used to help evaluate potential sources. This includes taking readings near products stored or used in the building. Products in buildings should be inventoried **every time** air is tested to provide an accurate assessment of the potential contribution of volatile chemicals. If available, chemical ingredients of interest should be recorded for each product. If the ingredients are not listed on the label, record the product’s exact and full name, and the manufacturer’s name, address and phone number, if available. In some cases, Material Safety Data Sheets may be useful for identifying confounding sources

of volatile chemicals in air. Adequately documented photographs of the products and their labeled ingredients can supplement the inventory and facilitate recording the information.

2. Preparation of Building

Potential interference from products or activities releasing volatile chemicals may need to be controlled. Removing the source from the indoor environment prior to testing is the most effective means of reducing the interference. Ensuring that containers are tightly sealed may be acceptable. When testing for VOCs, containers should be tested with a PID to determine whether VOCs are leaking. The inability to eliminate potential interference may be justification for not testing, especially when testing for similar compounds at low levels. The investigator should consider the possibility that chemicals may adsorb onto porous materials and may take time to dissipate.

In some cases, the goal of the testing is to evaluate the impact from products used or stored in the building (e.g., pesticide misapplications, school renovation projects). If the goal of testing is to determine whether products are an indoor volatile chemical contaminant source, then removing these sources does not apply.

Once interfering conditions are corrected (if applicable), ventilation may be needed prior to testing to eliminate residual contamination in the indoor air. If ventilation is appropriate, it should be completed 24 hours or more prior to the scheduled sampling time. Where applicable, ventilation can be accomplished by operating the building's heating ventilation and air conditioning (HVAC) system to maximize outside air intake. Opening windows and doors and operating exhaust fans may also help or may be needed if the building has no HVAC system.

Air samples are sometimes designed to represent typical exposure in a mechanically ventilated building, and the operation of HVAC systems during sampling should be noted (see HVAC section on the attached indoor air quality questionnaire). In general, the building's HVAC system should be operating under normal conditions. Unnecessary building ventilation should be avoided within the 24 hours prior to and during testing. During colder months, heating systems should be operating under normal occupied conditions (i.e., 65°-75° F) for at least 24 hours prior to and during the scheduled sampling time.

Depending on the goal of the indoor air sampling, some situations may warrant deviation from the above protocol regarding building ventilation. In such instances, building conditions and sampling efforts should be understood and noted within the framework and scope of the investigation.

FOR 24 HOURS PRIOR TO SAMPLING, ALL REASONABLE MEASURES SHOULD BE TAKEN TO AVOID

- Opening any windows, fireplace dampers, openings, or vents
- Operating ventilation fans unless special arrangements are made
- Smoking in the house
- Painting
- Using wood stoves, fireplaces or other auxiliary heating equipment (e.g., kerosene heaters)
- Operating or storing automobiles in an attached garage
- Allowing containers of gasoline or oil to remain within the house, except for fuel oil tanks
- Cleaning, waxing, or polishing furniture or floors with petroleum- or oil-based products
- Using air fresheners or odor eliminators
- Engaging in any hobbies that use materials containing volatile organic chemicals
- Using cosmetics, including hairspray, nail polish, nail polish removers, perfume/cologne, etc.
- Applying pesticides

3. Collection of Samples

Air samples should be collected from an adequate number of locations to understand likely sources of volatile chemicals and to assess potential exposure to occupants in various locations. In private residences, air samples should be collected from the basement, first floor living space, and from outdoors. In settings with diurnal occupancy patterns such as schools and office buildings, samples should be collected during normally occupied periods to be representative of typical exposure. However, in special circumstances it may be necessary to collect air samples at other times in order to minimize disruptions to normal building activities. Sample collection intakes should be located to approximate the breathing zone for building occupants (i.e., three feet above the floor level where occupants are normally seated or sleep). To ensure that an air sample is representative of the conditions being tested sampled and to avoid undue influence from sampling personnel, samples should be collected for at least a one-hour period, and personnel should avoid lingering in the immediate area of the sampling device while samples are being collected. If the goal of the sampling is to represent average concentrations over longer time periods then longer duration sampling periods may be appropriate. The sampling team members should avoid actions (e.g., fueling vehicles, using permanent marking pens) that can cause sample interference in the field.

Sample collection techniques vary depending on the analytical method(s) being used, and sample flow rates must conform to the specifications in the sample collection method. Some methods specify collecting samples in duplicate (e.g., Passive Sampling Devices for tetrachloroethene). Sampling personnel should be completely familiar with the sampling protocol for the particular method being used.

a. Quality Assurance/Quality Control

Extreme care should be taken during all aspects of sample collection to ensure that high-quality data are obtained. Appropriate QA/QC measures must be followed for sample collection and laboratory analysis. Items that should be addressed in sampling protocols include sampling techniques, certified-clean sampling apparatus, appropriate sample holding times, temperatures, and pressures. In addition, laboratory accession procedures must be followed including; field documentation (sample collection information and locations), chain of custody, field blanks, field sample duplicates and laboratory duplicates, as appropriate.

b. Sampling Information

Detailed information must be gathered at the time of sampling to document conditions prior to and during sampling to aid in interpretation of the test results. The information should be recorded on the building inventory form along with the date and the investigator's initials. Floor plan sketches (section 11) should be drawn for each floor and should include the floor layout with sample locations, chemical storage areas, garages, doorways, stairways, location of basement sumps, HVAC systems including air supplies and returns, compass orientation (north) and any other pertinent information. In addition, observations such as odors, PID readings, and airflow patterns should be recorded on the building inventory form. Smoke tubes or other devices are helpful and should be used to confirm pressure relationships and air flow patterns, especially between floor levels and between suspected contaminant sources and other areas. The NYSDOH Wadsworth Laboratories requires that information on odors and PID readings also be recorded on the associated sample accession forms for VOC analyses.

Outdoor plot sketches (section 12) should include the building site, area streets, outdoor sample location, the location of potential interference (e.g., gas stations, factories, lawn mowers), wind direction and compass orientation (north).

c. Sample Analysis

New York State Law requires laboratories analyzing environmental samples from New York State to have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte/matrix combinations. Samples must be analyzed by methods that can achieve minimum reporting limits to allow for comparison to background levels (halogenated VOCs are typically 1 microgram per cubic meter ($\mu\text{g}/\text{m}^3$) or less). The laboratory should verify that they are capable of detecting the appropriate target compounds (see below) and can report them at the appropriate reporting limit (typically 1 $\mu\text{g}/\text{m}^3$ or less). Check with an ELAP representative at 518-485-5570 or by e-mail at elap@health.state.ny.us for questions about a laboratory's current certification status.

Indoor air sampling to evaluate potential impacts from chemical contaminant sources (i.e., old spills, soil vapor, groundwater) should generally include the contaminant(s) of concern and potential breakdown products (e.g., 1,1,1-trichloroethane analysis should also include 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, chloroethane and vinyl chloride).

Petroleum products are often a mixture of many individual compounds. Specific aromatic and aliphatic compounds can be good indicators for individual petroleum products (e.g., gasoline, diesel, fuel oil, and kerosene). The primary aromatic compounds benzene, toluene, ethylbenzene, xylenes (BTEX), and trimethylbenzenes should be included in all analyses. Analytical methods using a mass spectrometer detector allow for the identification and quantitation of aromatic and aliphatic hydrocarbons and for oxygenated compounds such as ethanol and methyl tertiary butyl ether (MTBE). Analyzing for specific indicator compounds as suggested below can aid in differentiating potential petroleum sources.

Indicator compounds for gasoline may include BTEX, trimethylbenzene isomers, the appropriate oxygenate additives (MTBE, ethanol, etc.), and the individual C-4 to C-8 aliphatics (e.g., hexane, cyclohexane, dimethylpentane, and 2,2,4-trimethylpentane [iso-octane]).

Indicator compounds for middle distillate fuels (#2 fuel oil, diesel, and kerosene) may include n-nonane, n-decane, n-undecane, n-dodecane, ethylbenzene, xylenes, trimethylbenzene isomers, tetramethylbenzene isomers, naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.

Indicator compounds for manufactured gas plant (MGP) wastes may include ethylbenzene, xylenes, trimethylbenzene isomers, tetramethylbenzene isomers, thiophenes, indane, indene and naphthalene.

Indicator compounds for natural gas or liquefied petroleum (LP) gas may include propane, propene, butane, iso-butane, iso-pentane and n-pentane. Natural gas and LP gas also contain higher molecular weight aliphatic, olefinic, and some aromatic compounds, but at levels much lower than the listed indicator compounds.

In some cases, a more comprehensive list of compounds may be necessary that includes indicator compounds of different petroleum mixtures to help identify sources and potential interferences. For additional information on sampling and appropriate target compounds, contact the Indoor Health Assessment Section of the Bureau of Toxic Substance Assessment (BTSA) at (518) 402-7810 or the appropriate Bureau of Environmental Exposure (BEEI) project manager (518) 402-7850.

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name _____ Date/Time Prepared _____

Preparer's Affiliation _____ Phone No. _____

Purpose of Investigation _____

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

- | | | |
|-------------|--------|----------------------|
| Residential | School | Commercial/Multi-use |
| Industrial | Church | Other: _____ |

If the property is residential, type? (Circle appropriate response)

- | | | |
|--------------|-----------------|-------------------|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other: _____ |

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors _____ Building age _____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- Hot air circulation
- Space Heaters
- Electric baseboard
- Heat pump
- Stream radiation
- Wood stove
- Hot water baseboard
- Radiant floor
- Outdoor wood boiler
- Other _____

The primary type of fuel used is:

- Natural Gas
- Electric
- Wood
- Fuel Oil
- Propane
- Coal
- Kerosene
- Solar

Domestic hot water tank fueled by: _____

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	_____
1 st Floor	_____
2 nd Floor	_____
3 rd Floor	_____
4 th Floor	_____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y / N
- b. Does the garage have a separate heating unit? Y / N / NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / NA
Please specify _____
- d. Has the building ever had a fire? Y / N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / N Where? _____
- f. Is there a workshop or hobby/craft area? Y / N Where & Type? _____
- g. Is there smoking in the building? Y / N How frequently? _____
- h. Have cleaning products been used recently? Y / N When & Type? _____
- i. Have cosmetic products been used recently? Y / N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____
- l. Have air fresheners been used recently? Y / N When & Type? _____
- m. Is there a kitchen exhaust fan? Y / N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? Y / N If yes, where vented? _____
- o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building? Y / N
 If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
 (e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

- Yes, use dry-cleaning regularly (weekly) No
- Yes, use dry-cleaning infrequently (monthly or less) Unknown
- Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

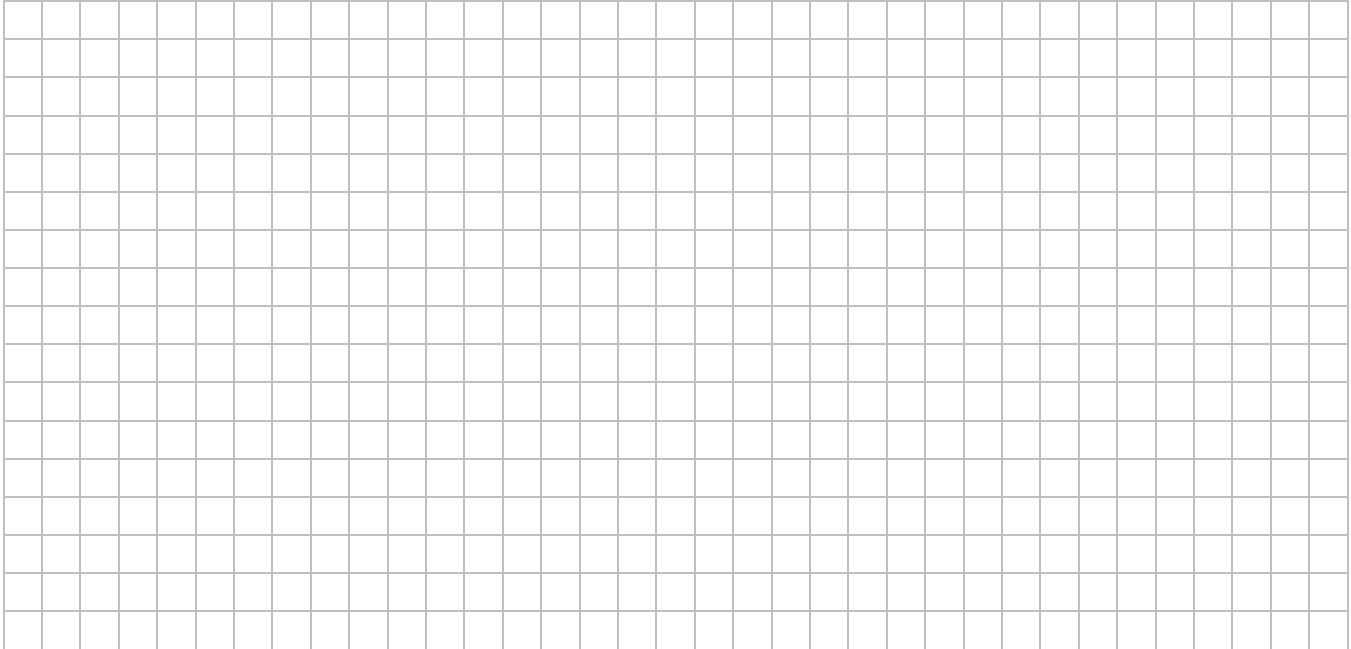
b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Relocation Document Checklist completed and signed? Y / N

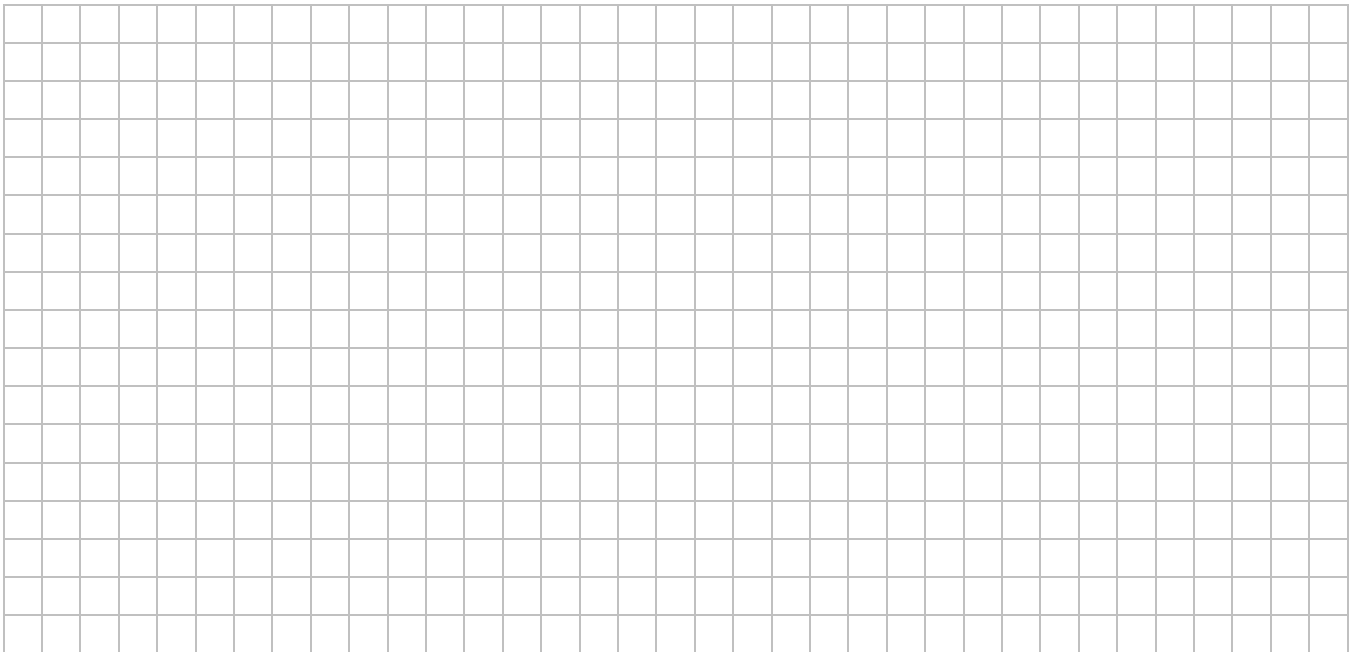
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



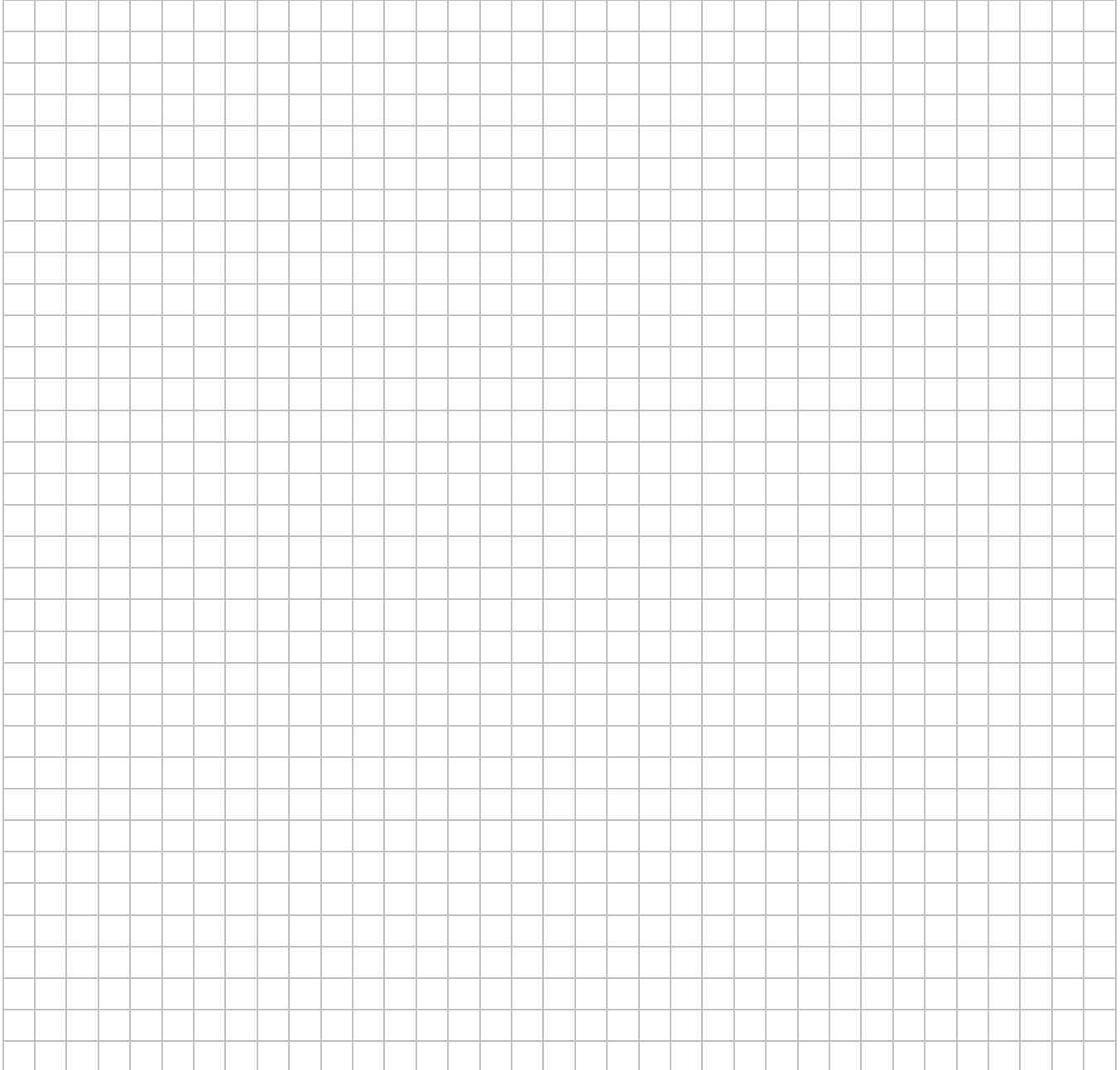
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units)	Photo ** <u>Y/N</u>

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

APPENDIX D
IN-SITU CHEMICAL OXIDATION TREATMENT

APPENDIX D

IN-SITU CHEMICAL OXIDATION TREATMENT

Treatment Description

Spectra, working with Provectus, have designed an in-situ treatment program to remediate the AOCs using in-situ chemical oxidation (ISCO) via Provect-OX®. Provect-OX® is a solution that will oxidize petroleum hydrocarbons (VOCs and SVOCs) in both saturated soil and groundwater.

The AOCs represents approximately 11,000 square feet of ground surface. Depth of contamination generally ranges from 4-12 feet bgs. For system design purposes, an 8 foot vertical interval is assumed. The approximate volume of soil within the treatment zone is 3,000 cubic yards (3,750 tons). The recommended dose rate of 6.5 lbs per cubic yard will require the use of approximately 19,500 lbs of Provect-OX®.

The product is combined with ferric iron and water to make an injectable solution that will be applied using direct-push Geoprobe methodology. The solution will be injected at 2 foot intervals at depths ranging from 4-12 feet bgs. Depth of the injections is dependent on the contaminant levels identified in the remedial investigation and recent sampling. A 2-foot retractable screen will be driven to the bottom of the vertical extent of contamination (see Figure D1). Once at its target depth, the screen will be exposed and the solution will be pressure-pumped into the zone. Both ends of the screened rod are solid steel, creating a vertical barrier. This barrier ensures that, even under pressure, the solution is injected into its target zone. The Geoprobe screen ascends 2 feet and begins injection into the next zone. This process is repeated until the solution has been injected over the desired vertical extent of the injection point. Flow meters will be used during injection to determine the volume of solution injected. The Description of Provect-OX® Technology section that is included below discusses the product and the product's corrosion potential. The materials and corrosion compatibility subsection reflects the potential corrosiveness of persulfate solutions in general.

The spacing of each injection point is based on the radius of influence (ROI) capable of being achieved by the injection. Provectus recommends an initial spacing between each injection point of approximately 10 feet as a starting point. It is not uncommon however that the ROI may be shorter or longer depending on the porosity of the soil. To optimize the spacing, the initial series of points will be injected at distance greater than 10 feet from the monitoring well. The visual presence of the oxidant in the well confirms the spacing was adequate (groundwater may exhibit a red tint or color). Decreases in pH and increases in DO and ORP in groundwater will represent influence from the injection chemical. A pH, DO, ORP probe will be used to measure the

presence of Provect-OX in proximal monitoring wells during the first several injection points. If the oxidant does not reach the well, a shorter radius will be used and so on until a successful radius has been determined. The selected ROI will then be used for the remaining points. Complete installation instructions are included in this Appendix.

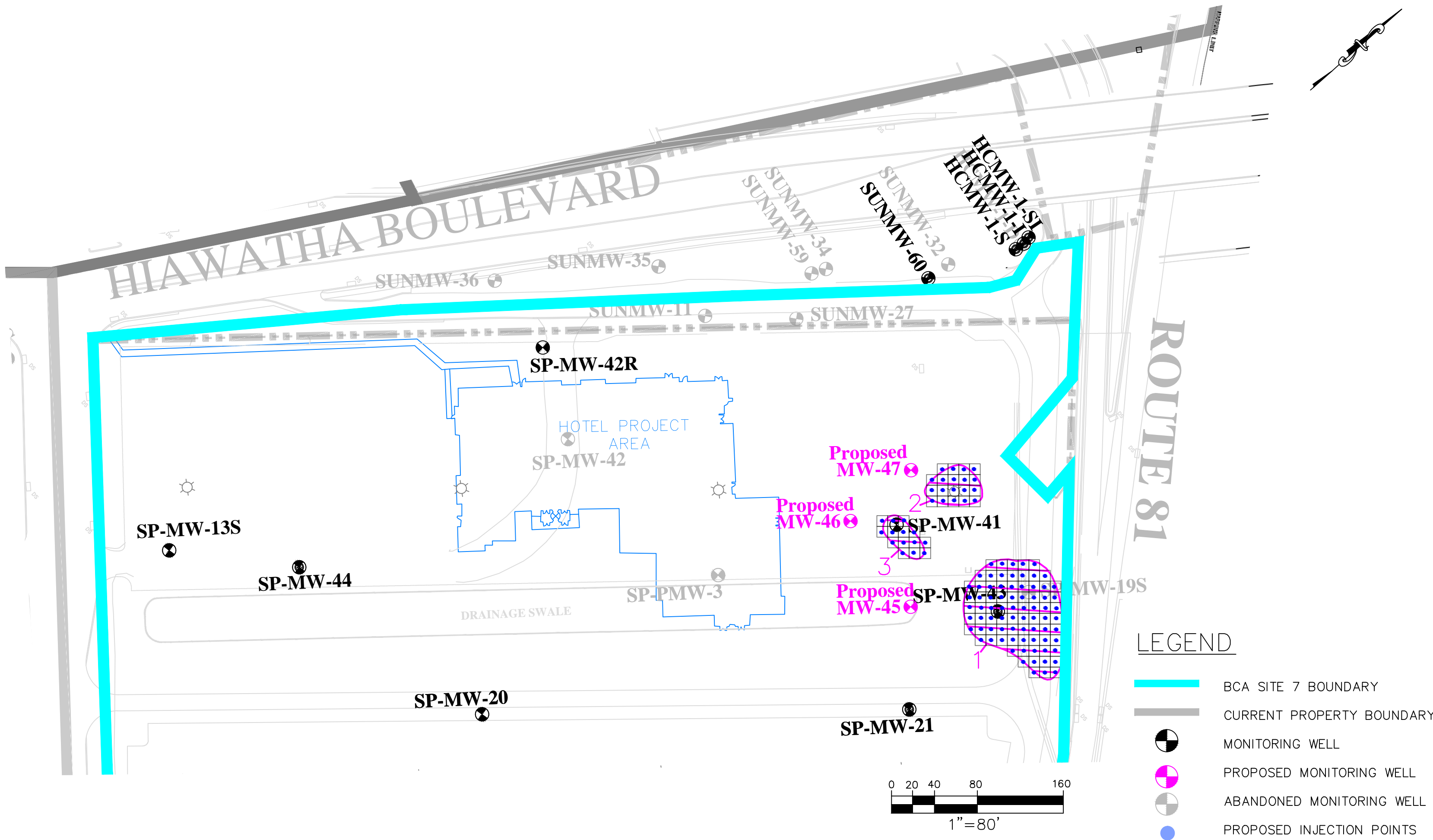
The VOC and SVOC compounds in exceedance of BCP Restricted Residential Soil Standards are treatable with Provect-OX®. Provect-OX® is mixed with a ferric iron, yielding sulfate (SO_4^{2-}) and ferrate (Fe^{4+} to 6^+) radicals upon injection, both of which contribute to chemical oxidation of contaminants. Oxidation of the COCs can continue for up to 4 months. Additional by-products for the oxidation of the COCs are CO_2 , H_2O , and O_2 . Any residual contamination will continue to be degraded by a long-lasting bio-remediation component of the product. After the oxidation portion of remediation is complete, the sulfate and ferrate by-products continue to act as electron acceptors for an anaerobic biodegradation process. By-products of these reactions include: bicarbonate, ferrous iron, and hydrogen. In reducing conditions, the ferrous iron and residual sulfides will precipitate, forming pyrite. The remediation process will continue due to the high number of reactive sites associated with pyrite (See the Provectus Technical Data Sheet).

Monitoring Performance and Effectiveness

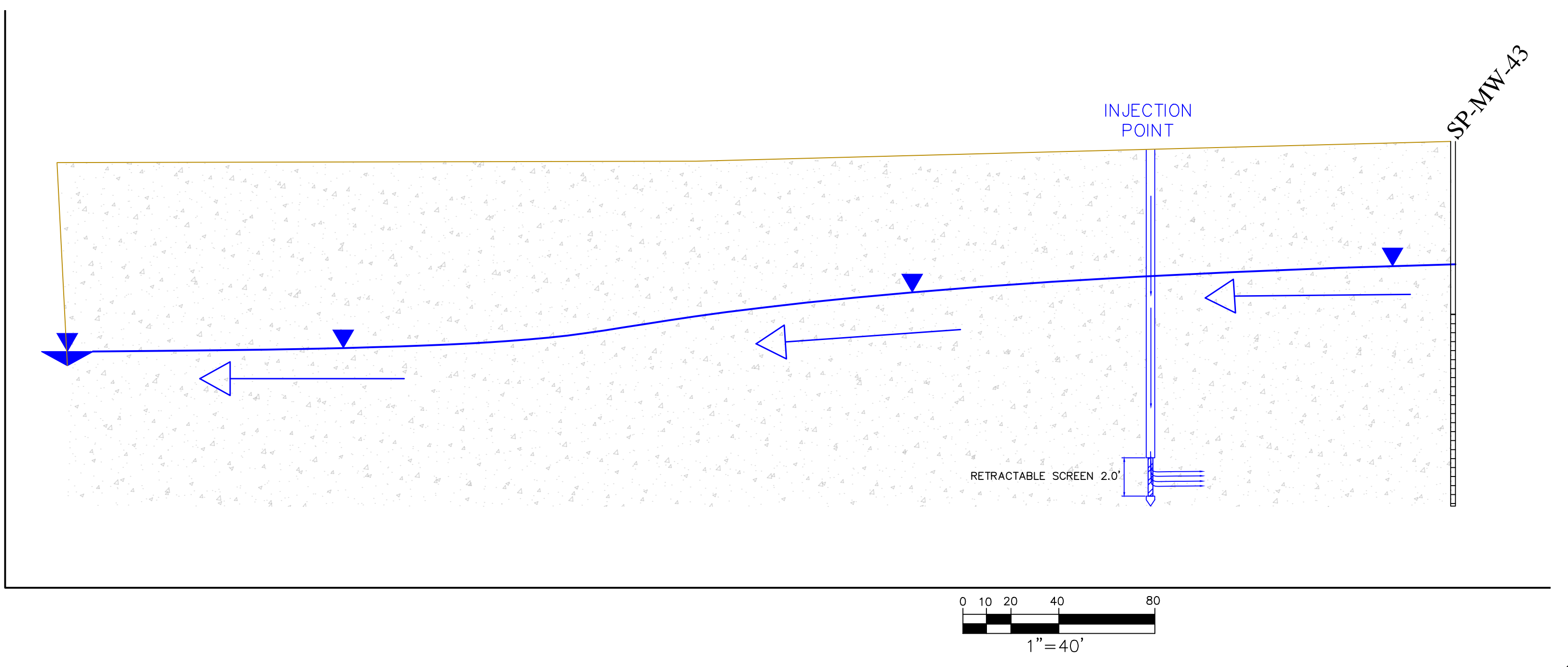
The effectiveness of the Provect-OX® will be assessed and monitored by measuring groundwater concentrations of COCs compared to ambient groundwater quality standards. Monitoring wells SP-MW-41 and 43 along with the three (3) new observation wells (MW-45, MW-46, MW-47; See Figure D1) will be sampled. The first groundwater sampling event will take place approximately 3 months following the initial injection. This will be followed by a second sampling event 3 months later to assess whether COC concentrations are indicating a decreasing trend toward achieving groundwater quality standards. At that time an assessment of the site will be completed in order to determine whether the technology is effective in achieving the desired results. In the event the technology is not effective alternative options include a second injection of the Provect-OX® or other oxidant, and/or excavation of “hot spot” areas.

All wells will be sampled using low-flow sampling procedures. Groundwater samples will be analyzed for VOCs, SVOCs, Metals, Persulfate, and water quality parameters including (pH, temperature, DO, ORP, turbidity and conductivity) in addition to TPH in soil and groundwater. A minimum of 1 L will be purged between readings, and a goal will be to collect samples after stabilization is achieved (three successive readings within: ± 0.1 for pH, $\pm 3\%$ for conductivity, ± 10 mv for redox, and $\pm 10\%$ for turbidity and dissolved oxygen) and/or once three (3) well volumes have been purged. VOC samples will be collected at a flow rate between 100 and 250 ml/min.

FIGURE D1
INJECTION PLAN



NOTE:
1. PROPOSED INJECTION POINTS AND MONITORING WELL LOCATIONS ARE APPROXIMATE.



NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT	
PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	JCK
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET
0	AS SHOWN

**SITE 7
INJECTION PLAN
DESTINY USA**

CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE: 3/27/17 | SCALE: A/S | DWG. NO. 15209E | FIGURE: D1

**DESCRIPTION OF
Provect-OX® Technology**

Provect-OX®

Self-Activating ISCO / Enhanced Bioremediation Reagent

TECHNOLOGY DESCRIPTION

Provect-OX is an *in situ* chemical oxidation (ISCO) / enhanced bioremediation reagent that uses ferric iron (Fe III) as a safe and effective means of activating persulfate (US Patent No. 9,126,245; patents pending). Provect-OX oxidizes a wide variety of organic compounds present in impacted soil, sediment and groundwater, including chlorinated solvents, petroleum hydrocarbons, and pesticides. Rodriguez *et al.*, (2014) recently reported that 2 mM Fe(III) and 6 mM persulfate was very effective in rapidly mineralizing even recalcitrant organic compounds such as the synthetic azo dye Orange G ($C_{16}H_{10}N_2Na_2O_7S_2$).

Provect-OX is the only ISCO technology designed to actively manage rebound. The advanced activation catalyst is further unique considering its ability to enhance bioremediation processes. This is accomplished via the subsequent utilization of sulfate and iron as terminal electron acceptors for facultative reductive processes. Degradation intermediates generated during pollutant oxidation may act as electron shuttles, allowing the reduction of Fe(III) to Fe(II) in the redox cycling of iron and continued activation of persulfate. This combined remedy provides supplemental treatment mechanisms thereby allowing for more cost-efficient dosing of the product.

Like all Provectus products, Provect-OX was developed by experienced practitioners who understand real-world field applications. For example, persulfate oxidant and its activator are conveniently packaged in a single, pre-mixed bag for ease of use and safe handling. Moreover, due to its safe and non-extreme activation chemistry, Provect-OX will not generate excessive heat / off-gases, nor will it mobilize heavy metals or lead to the generation of secondary impact issues, such as elevated arsenic, chromium, or pH.



TRADITIONAL ACTIVATION CHEMISTRIES

Heretofore, sodium persulfate has been activated via heat, chelated metals, hydrogen peroxide, ZVI/surface catalysis and/or pH extremes in order to generate sulfate radicals, hydroxyl radicals, etc. (Tsitonaki *et al.*, 2010). Not only do these systems require the addition of other products or energy, they tend to disregard the many biologically mediated processes possible as a consequence of the decomposition products of persulfate.

Divalent metal activation: The utilization of ferrous iron, usually as a chelated cation consumes the oxidant (persulfate) in a conversion of the ferrous iron to ferric iron. Additionally, the presence of the chelant inhibits biological utilization of the generated ferric species as a biological terminal electron acceptor and consumes oxidant. Over dosing of the chelated ferrous iron further consumes the oxidant.

Caustic Activation: The utilization of caustic (high pH) activation of persulfate presents inherent health and safety issues while creating an unsuitably high pH environment for biological attenuation. Further, within this activation mechanism is a self-limiting biological attenuation process once the pH returns to suitable levels. The sulfate, when used as a biological terminal electron acceptor, transitions to sulfite and finally sulfide. This final product forms hydrogen sulfide which inhibits further biological activity.

Heat Activation: The utilization of heat as an activation mechanism is generally difficult to implement, and it incurs high implementation costs while not addressing the hydrogen sulfide issue.

Hydrogen Peroxide Activation: The use of peroxide as an activating mechanism again does not address the hydrogen sulfide generation problem while having limited efficacy on many targeted compounds.

MODE OF ACTION

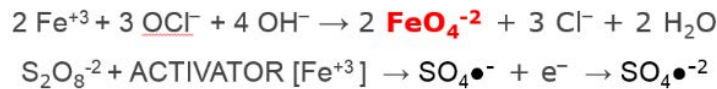
ISCO: Under the **Provectus** approach, persulfate is activated by Fe III (pre-mixed formulation) which requires a lower activation energy than alternative mechanisms while not consuming the persulfate oxidant. The mechanism is believed to elevate the oxidation state of the iron transiently to a supercharged iron ion which in itself may act as an oxidant. As this supercharged iron cation is consumed, the resulting ferric species can act as a terminal electron acceptor for biological attenuation. Coincidentally, the generated sulfate ion from the decomposition of the persulfate provides a terminal electron acceptor for sulfate reducers which may further remediate the targeted compounds in the groundwater and soils. The reactions that occur in the chemical oxidation include persulfate radicals and ferrate, as summarized below (Equation 1):



Provect-OX Oxidation Potentials

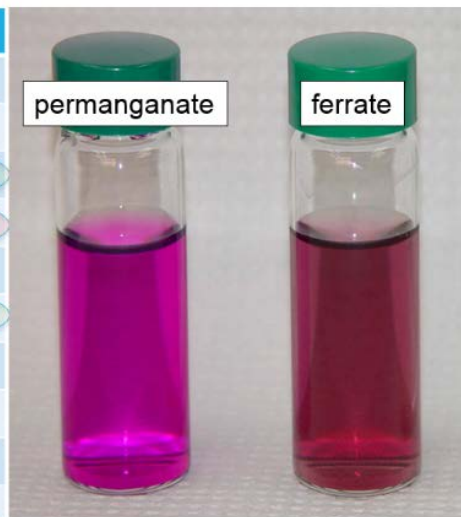


Ferrate salts can easily be prepared from iron salts, hypochlorite and a base:



Oxidation Potentials	Volts
Fluorine (F ₂)	2.87
Hydroxyl radical (OH•)	2.80
Persulfate radical (SO ₄ •)	2.60
Ferrate (Fe ⁺⁶)	2.20
Ozone (O ₃)	2.08
Persulfate (S ₂ O ₈ ⁻²)	2.01
Hydrogen peroxide (H ₂ O ₂)	1.78
Permanganate (MnO ₄ ⁻)	1.68
Chlorine (Cl ₂)	1.49

<https://sites.google.com/site/ecpreparation/ferrate-vi>



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SECONDARY ATTENUATION PROCESS (Biologically Mediated)

1) Sulfate Residual

After dissolved oxygen has been depleted in the treatment area, sulfate (a by-product of the persulfate oxidation) may be used as an electron acceptor for anaerobic biodegradation by indigenous microbes. This process is termed sulfidogenesis and results in the production of sulfide. Stoichiometrically, each 1.0 mg/L of sulfate consumed by microbes results in the destruction of approximately 0.21 mg/L of BTEX compounds. Sulfate can play an important role in bioremediation of petroleum products, acting as an electron acceptor in co-metabolic processes as well. For example, the basic reactions for the mineralization of benzene and toluene under sulfate reducing conditions are presented in equations 2 and 3:



2) Ferric Iron:

Ferric iron is also used as an electron acceptor during anaerobic biodegradation of many contaminants, sometimes in conjunction with sulfate. During this process, ferric iron is reduced to ferrous iron, which is soluble in water. Hence, ferrous iron may be used as an indicator of anaerobic activity. As an example, Stoichiometrically, the degradation of 1 mg/L of BTEX results in the average consumption of approximately 22 mg/L of ferric iron (or “production” of ferrous iron) as shown below (equations 4-6).



3) Pyrite Formation:

While ferrous iron is formed as a result of the use of the ferric species as a terminal electron acceptor, residual sulfate is utilized as a terminal electron acceptor by facultative organisms thereby generating sulfide under these same conditions. Together, the ferrous iron and the sulfide promote the formation of pyrite as a remedial byproduct (equation 7). This reaction combats the toxic effects of sulfide and hydrogen sulfide accumulation on the facultative bacteria, while also providing a means of removing targeted organic and inorganic COIs via precipitation reactions. Moreover, pyrite possesses a high number of reactive sites that are directly proportional to both its reductive capacity and the rate of decay for the target organics.



PRIMARY FEATURES:

This technique maximizes the synergy between persulfate and iron for coupled oxidation and enhanced bioremediation: i) sulfate is generated from persulfate, i) Ferric iron (Fe III) is microbiologically reduced to ferrous iron (Fe II) readily supplying electrons to exchange and react with sulfide. Together, sulfide and iron form pyrite, an iron bearing soil mineral with a favorable reductive capacity.

- ◆ **Effective:** Promotes multiple free radical based *in situ* oxidation of a wide-range of organic contaminants. Also provides a unique microbiological component for multiple accelerated attenuation processes.
- ◆ **Efficient:** Significantly lower costs as a result of sub-stoichiometric dosing requirements.
- ◆ **Safe:** Fewer health and safety concerns as compared with use of traditional activation methods such as heat, chelated metals, hydrogen peroxide or pH extremes. Contains built-in activation which eliminates the need for additional and potentially hazardous chemicals required to achieve traditional persulfate activation.
- ◆ **Ease of Use:** Single component product with integrated activator results in simplified logistics and application. No additional containers or multi-step mixing ratios required prior to application. Fewer material compatibility issues.
- ◆ **Improved Performance:** Combined remedy prevents “rebound” which is often seen in other oxidation processes. Maximizes the inherent geochemistry of a “post-oxidation” environment for biologically based attenuation.
- ◆ **Patented Technology:** US Patent No. 9,126,245 (international filings in EU, Australia, Brazil, Canada, China, Colombia, Japan and Mexico) and others pending allow us to freely market this advanced persulfate-based ISCO technology globally, using our choice of suppliers.

LITERATURE CITED:

Rodriguez S, L. Vasquez, D. Costa D, A. Romero and A. Santos. 2014. Oxidation of Orange G by Persulfate activated by Fe(II), Fe(III) and zero valent iron (ZVI). *Chemosphere* 101:86-92.

Scalzi, M. and A. Karachalios. 2013. Chemical Oxidation and Biological Attenuation Process for the Treatment of Contaminated Media. US PTO 9,126,245.

Tsitonaki, A., B.Petri, M. Crimi, H.Mosbaek, R. Siegrist and P. Berg. 2010. *In Situ* Chemical Oxidation of Contaminated Soil and Groundwater using Persulfate: A Review. *Critical Rev. Environ. Sci and Technol.* 40: 55-91.

CONTACT US FOR A COMPLIMENTARY SITE EVALUATION

PROVECTUS ENVIRONMENTAL PRODUCTS, INC.

2871 West Forest Road, Suite 2 | Freeport, IL 61032

Tel: (815) 650-2230 | Fax: (815) 650-2232 | Email: info@ProvectusEnv.com

Multiple remedial contracting options available via strategic providers Turn-Key, Risk-Reward, Pay-for Performance, Remedial Guarantees/Warranties



Environmental Solutions



Corrosion and Material Compatibility

Technical Bulletin

Background

Klozur[®] Persulfate solutions are used to treat contaminated soil and groundwater and can remediate a wide range of organic contaminants. However, Klozur[®] Persulfate is a very strong oxidant, and its solutions may be very acidic ($\text{pH} \leq 2$) under many conditions, resulting in a corrosive environment for many metals and materials. In this bulletin, results from corrosion studies using un-activated and activated persulfate solutions are presented and recommendations regarding materials of compatibility are made. For additional information regarding the safety of Klozur[®] Persulfate, please refer to the Material Safety Data Sheet (MSDS), which is available from FMC.

Corrosion

Laboratory tests were conducted to evaluate the performance of commonly-used engineering materials exposed to Klozur[®] Persulfate solutions (both activated and un-activated). The tests were performed at two different persulfate solution concentrations: 20 wt% representing typical make-up solutions being injected, and 40 g / L representing typical *in situ* ground water concentrations. These tests were conducted per the guidelines outlined in ASTM G31-72. Corrosion rates for metallic coupons were calculated based on changes in weight over the exposure time. Non-metallic coupons were observed for visual changes and changes in physical properties. Structural properties of concrete and non-metallics were not measured.

Results

For un-activated Klozur[®] Persulfate solutions, no observable corrosion on stainless steel (304L and 316L) was observed during the testing. However, for carbon steel, copper and brass, severe corrosion was observed shortly after the testing was initiated, for both the concentrated (20 wt%) and diluted persulfate solutions. The corrosion rates for carbon steel and brass were observed to decrease when evaluated after one and two months as compared to the one week exposure. However, the rates were sufficiently high to indicate that general corrosion was on-going throughout the two month period, indicating that there was no formation of a protective corrosion-product layer. Kynar[®] and FRP demonstrated satisfactory performance over the one month exposure with no noticeable weight gain or softening observed. Concrete, natural rubber and synthetic rubber showed indications of degradation with long-term exposure to the concentrated persulfate solution.

In general, the impact of the Fe-EDTA activated persulfate solution was similar to the un-activated persulfate solution. No significant increases in corrosion were observed due to the presence of the activator system or subsequent formation of sulfate radicals.

For high pH activated persulfate solutions, sodium hydroxide was added to raise the pH to above 10 and to neutralize sulfuric acid formed upon persulfate decomposition. Significant decreases in corrosion rates were observed for high pH activated persulfate in contact with copper, brass and carbon steel. Negligible corrosion was observed for these metals after one month exposure, even at the 20% persulfate concentration. In addition, no noticeable corrosion was observed for stainless steel. Significant reaction with concrete was observed, however. Significant weight gain (5 – 10%) and bleaching were observed for the concrete after one month exposure to the



Environmental Solutions

high pH activated persulfate solution, and some dissolution of the concrete was noted during the test.

Table 1: Results for Un-Activated Klozur® Persulfate Solutions (20 wt%) at room temperature after 1 week and 1 months exposure time

mpy – milli-inches per year; ✓ - compatible material, ⊖ - non-compatible material

Material	1 week	1 month	Comments
Stainless steels (304L, 316L)	✓	✓	< 1 mpy. No noticeable corrosion over 2 months
Copper Brass	> 100 mpy ⊖	20 – 50 mpy ⊖	Severe general corrosion, corrosion rate decreases with time.
Carbon steel	> 200 mpy ⊖	50 – 100 mpy ⊖	Severe general corrosion, etching at welds, corrosion rate decreases with time.
Kynar® (PVDF)	✓	✓	No noticeable changes after 2 months exposure
FRP (fiber-reinforced plastic)	✓	✓	No noticeable changes after 2 months exposure
Concrete	Weight gain, bleached appearance	Weight gain (5 – 10%), bleached appearance	Increasing weight gain over time. Some dissolution observed as residue in test chamber.
Natural Rubber	Slight weight gain	Slight weight gain	Cracks and blisters observed after 1 month exposure.
Synthetic rubber (neoprene)	Slight weight gain	Slight weight gain	Cracks and blisters observed after 1 month exposure

Table 2: Results for Un-Activated Klozur® Persulfate Solution (40 g / L) at room temperature after 1 week and 2 months exposure time

mpy – milli-inches per year; ✓ - compatible material, ⊖ - non-compatible material

Material	1 week	1 month	Comments
Stainless steels (304L, 316L)	✓	✓	< 1 mpy. No noticeable corrosion over 2 months
Copper Brass	> 50 mpy ⊖	< 20 mpy ⊖	Severe general corrosion, corrosion rate decreases with time.
Carbon steel	> 50 mpy ⊖	< 20 mpy ⊖	Several general corrosion, etching at welds, corrosion rate decreases with time.
Kynar® (PVDF)	✓	✓	No noticeable changes after 1 month exposure
FRP (fiber-reinforced plastic)	✓	✓	No noticeable changes after 1 month exposure
Concrete	Weight gain, bleached appearance	Weight gain (5 – 10%), bleached appearance	Increasing weight gain over time. Some dissolution observed as residue in test chamber.



Environmental Solutions

Natural Rubber	Slight weight gain	Slight weight gain	
Synthetic rubber (neoprene)	Slight weight gain	Slight weight gain	

Table 3: Results for Fe-EDTA Klozur® Persulfate Solutions, 20 wt% and 40 g / L at room temperature after 1 month exposure time

mpy – milli-inches per year; ✓ - compatible material, ⊖ - non-compatible material

Material	20 wt% concentration	40 g / L	Comments
Stainless steels (304L, 316L)	✓	✓	< 1 mpy. No noticeable corrosion over 1 month
Copper Brass	20 – 50 mpy ⊖	< 20 mpy ⊖	Severe general corrosion, corrosion rate decreases with time.
Carbon steel	> 50 mpy ⊖	20 - 50 mpy ⊖	Several general corrosion, etching at welds.
Kynar® (PVDF)	✓	✓	No noticeable changes after 1 month exposure
FRP (fiber-reinforced plastic)	✓	✓	No noticeable changes after 1 month exposure
Concrete	Weight gain, bleached appearance	Weight gain (5 – 10%), bleached appearance	Increasing weight gain over time. Some dissolution observed as residue in test chamber.
Natural Rubber	Slight weight gain	Slight weight gain	
Synthetic rubber (neoprene)	Slight weight gain	Slight weight gain	

Table 4: Results for high pH activate Klozur® Persulfate Solutions, 20 wt% and 40 g / L at room temperature after 1 month exposure time

mpy – milli-inches per year; ✓ - compatible material, ⊖ - non-compatible material

Material	20 wt% concentration	40 g / L	Comments
Stainless steels (304L, 316L)	✓	✓	< 1 mpy. No noticeable corrosion over 1 month
Copper Brass	✓	✓	Negligible general corrosion (< 2 mpy). Black film formation observed.
Carbon steel	✓	✓	Negligible general corrosion (< 2 mpy). Isolated rust spots observed
Concrete	Weight gain, bleached appearance	Weight gain (5 – 10%), bleached appearance	Bleached appearance, increasing weight gain over time, some dissolution observed as residue in test container.



Environmental Solutions

Material Compatibility

Recommend and Compatible Materials:

- Butyl rubber
- EPDM
- FRP (fiber reinforced plastic)
- Glass
- Neoprene
- Plexiglas®
- Polyethylene
- PVC
- Stainless steel (304L and 316L) for all mixing, conveyance and storage equipment
- Teflon®
- Viton

Incompatible Materials

- Aluminum
- Carbon steel
- Galvanized pipe
- Monel
- Nitrile rubbers
- Brass
- Copper
- Iron
- Nickel

Well Construction

- Use compatible materials, such as PVC or Stainless Steel (304L, 316L)

Pumps

- Check compatibility of all seals, gaskets, tubing and hoses

Geoprobe® Rods

- Threaded joints of rods are very susceptible to corrosion. To help reduce corrosion, several practical measures can be taken, such as applying a barrier layer like Loctite® or Teflon® grease to the threads, or utilizing the High pH activation system to reduce acidic corrosion.

Subsurface Utilities

- Always check for location and compatibility of subsurface utilities.

Hosing

- Klozur® persulfate solutions: 20 – 40%, neutral to mildly acidic conditions, moderate to low pressure

Master-Flex 300 EPDM or Equivalent

<u>Specs</u> (diameter)	<u>Max Allowable Working Pressure</u> (PSI)
1"	80
2"	60
3"	50
4"	45
6"	35



Environmental Solutions

- – 30 F to +140 F
- EPDM black inner liner of hosing with polyethylene helix
- Reinforced and a Type G (PVC) cover
- Medium oil resistance

- Klozur[®] persulfate solutions: 20 – 40%, mildly acidic conditions, high pressure
 - Alfagomma** (Italian Company)
 - Model T 505 4-4 SP
 - 6 BAF (240 PSI)
 - XLPE chemical S&D
 - Transporter Ultrachem** (brand name)
 - 250 PSI water pressure

- Fittings
 - 304 Stainless – Schedule 40
 - CPVC – Schedule 80 preferred (could lose strength when heated)
 - PVC (may become embrittled with continued use)

Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Printing date 06/02/2014

Revised on 07/15/2016

* 1 Identification

- **Product identifier**
- **Trade name: Provect-OX® Self Activating ISCO Enhanced Bioremediation Reagent**
- **Application of the substance / the mixture**
In situ and *ex situ* chemical oxidation of contaminants and compounds of concern for environmental remediation applications.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Provectus Environmental Products
2871 W. Forest Road
Suite 2
Freeport, IL 61032
Phone: 815-650-2230
Fax: 815-650-2232
www.provectusenvironmental.com
- **Emergency telephone number:** (815) 650-2230

2 Hazard(s) identification

- **Classification of the substance or mixture**



Flame over circle

May intensify fire; oxidizer.



Health hazard

May cause allergy or asthma symptoms or breathing difficulties if inhaled.



Harmful if swallowed.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause respiratory irritation.

- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS03



GHS07



GHS08

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Printing date 06/02/2014

Revised on 07/15/2016

Trade name: Provect-OX® Self Activating ISCO Enhanced Bioremediation Reagent

(Contd. of page 1)

- **Signal word** Danger
- **Hazard-determining components of labeling:**
disodium peroxodisulphate; sodium persulfate
- **Hazard statements**
May intensify fire; oxidizer.
Harmful if swallowed or if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
May cause respiratory irritation.
- **Precautionary statements**
Take any precaution to avoid mixing with combustibles.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
In case of inadequate ventilation wear respiratory protection.
Keep/Store away from clothing/combustible materials.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).
Take off contaminated clothing and wash before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Wash contaminated clothing before reuse.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Rinse mouth.
In case of fire: Use for extinction: CO₂, powder or water spray.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
IF ON SKIN: Wash with plenty of water.
Call a POISON CENTER/doctor if you feel unwell.
If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



The substance possesses oxidizing properties.

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· **HMS-ratings (scale 0 - 4)**

HEALTH	2	Health = *2
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

7775-27-1	disodium peroxodisulphate; sodium persulfate ⚠ Ox. Sol. 2, H272; ⚠ Resp. Sens. 1, H334; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	80-99%
1309-37-1	Ferric oxide	1-20%

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness, place patient securely on side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Immediately call a doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

(Contd. on page 4)

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(Contd. of page 3)

7 Handling and storage

- **Precautions for safe handling**
Thorough dedusting.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
- **Information about protection against explosions and fires:** Protect from heat.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**

· **Components with occupational exposure limits:**

7775-27-1 disodium peroxodisulphate

TLV	Long-term value: 0.1 mg/m ³ as Persulfates
-----	--

1309-37-1 Ferric oxide

PEL	Long-term value: 10 mg/m ³ Fume
-----	---

REL	Long-term value: 5 mg/m ³ Dust & fume, as Fe
-----	--

TLV	Long-term value: 5* mg/m ³ *as respirable fraction
-----	--

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

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(Contd. of page 4)

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

* 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Powder

Color: Red

· **Odor:** Odorless

· **Odor threshold:** Not determined.

· **pH-value @ 20 °C (68 °F):** 6

· **Change in condition**

Melting point/Melting range: Not determined.

Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Contact with combustible material may cause fire.

· **Ignition temperature:**

Decomposition temperature: Not determined.

· **Auto igniting:** Product is not self-igniting.

· **Danger of explosion:** Not determined.

· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Vapor pressure:** Not applicable.

· **Density:** Not determined.

· **Relative density** Not determined.

· **Vapour density** Not applicable.

· **Evaporation rate** Not applicable.

· **Solubility in / Miscibility with**

Water: Soluble.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic: Not applicable.

Kinematic: Not applicable.

· **Solvent content:**

Organic solvents: 0.0 %

Solids content: 99.5 %

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(Contd. of page 5)

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

7775-27-1 disodium peroxodisulphate

Oral LD50 925 mg/kg (rat)

- **Primary irritant effect:**

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

- **Sensitization:**

Sensitization possible through inhalation.
Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

1309-37-1 Ferric oxide

3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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Printing date 06/02/2014

Revised on 07/15/2016

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(Contd. of page 6)

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

* 14 Transport information

- **UN-Number** 1505
- **UN proper shipping name** Sodium Persulfate
- **Transport hazard class(es)** 5.1 (Oxidizer)
- **Packing group** III
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** UN1505, Sodium persulfate

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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(Contd. of page 7)

• TLV (Threshold Limit Value established by ACGIH)	
1309-37-1 Ferric oxide	A4
• NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	

• **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

• **Hazard pictograms**



GHS03 GHS07 GHS08

• **Signal word** Danger

• **Hazard-determining components of labeling:**

disodium peroxodisulphate

• **Hazard statements**

May intensify fire; oxidizer.

Harmful if swallowed or if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

May cause respiratory irritation.

• **Precautionary statements**

Take any precaution to avoid mixing with combustibles.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

In case of inadequate ventilation wear respiratory protection.

Keep/Store away from clothing/combustible materials.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing should not be allowed out of the workplace.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

Take off contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Wash contaminated clothing before reuse.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Rinse mouth.

In case of fire: Use for extinction: CO2, powder or water spray.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

Call a POISON CENTER/doctor if you feel unwell.

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Safety Data Sheet (SDS)

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Printing date 06/02/2014

Revised on 07/15/2016

Trade name: Provect- OX® Self Activating ISCO Enhanced Bioremediation Reagent

(Contd. of page 8)

If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations.

• **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

• **State Right to Know**

7775-27-1	disodium peroxodisulphate ⚠ Ox. Sol. 2, H272; ⚠ Resp. Sens. 1, H334; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	80-99%
1309-37-1	Ferric oxide	1-20%

All ingredients are listed.

• **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Date of preparation / last revision** 06/02/2014 / 3

• **Abbreviations and acronyms:**

ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Ox. Sol. 2: Oxidising Solids, Hazard Category 2
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

• *** Data compared to the previous version altered.**

SDS / MSDS Created by MSDS Authoring Services (www.MSDSAuthoring.com)

APPENDIX E
LABORATORY REPORTS



ANALYTICAL REPORT

Lab Number:	L1621925
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Frank Peduto
Phone:	(518) 782-0882
Project Name:	DESTINY-EMBASSY SUITES
Project Number:	15209
Report Date:	08/12/16

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1621925-01	2	SOIL	SYRACUSE, NY	07/13/16 12:00	07/14/16
L1621925-02	3	SOIL	SYRACUSE, NY	07/13/16 15:40	07/14/16
L1621925-03	3B	SOIL	SYRACUSE, NY	07/13/16 15:40	07/14/16
L1621925-04	4	SOIL	SYRACUSE, NY	07/13/16 08:00	07/14/16
L1621925-05	4B	SOIL	SYRACUSE, NY	07/13/16 08:00	07/14/16
L1621925-06	5	SOIL	SYRACUSE, NY	07/13/16 10:00	07/14/16
L1621925-07	5B	SOIL	SYRACUSE, NY	07/13/16 10:00	07/14/16
L1621925-08	3C	SOIL	SYRACUSE, NY	07/13/16 15:40	07/14/16
L1621925-09	6	SOIL	SYRACUSE, NY	07/14/16 11:30	07/14/16
L1621925-10	8	SOIL	SYRACUSE, NY	07/14/16 13:00	07/14/16

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Case Narrative (continued)

Report Submission

This report replaces the report issued July 18, 2016. L1621925-03, -05, and -07 were re-analyzed for Selenium. The results of the re-analyses are reported.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1621925-01, -08, -09, and -10: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

L1621925-04 and -06: The sample has elevated detection limits due to the dilution required by the sample matrix.

Metals


L1621925-03, -05, and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG913868-4 MS recoveries for aluminum (0%), cadmium (0%), calcium (8690%), copper (0%), iron (0%), magnesium (45%), and zinc (0%), performed on L1621925-03, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG913868-4 MS recoveries, performed on L1621925-03, are outside the acceptance criteria for chromium (70%), lead (22%), and thallium (64%). A post digestion spike was performed and yielded an unacceptable recovery for thallium (68%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG913868-3 Laboratory Duplicate RPDs, performed on L1621925-03, are outside the acceptance criteria for cadmium (31%), calcium (54%), magnesium (22%), nickel (22%), potassium (46%), and zinc (35%). The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 08/12/16

ORGANICS

VOLATILES

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-01 D
 Client ID: 2
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/16/16 20:30
 Analyst: BN
 Percent Solids: 80%

Date Collected: 07/13/16 12:00
 Date Received: 07/14/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	2600	290	4
1,1-Dichloroethane	ND		ug/kg	390	22.	4
Chloroform	ND		ug/kg	390	96.	4
Carbon tetrachloride	ND		ug/kg	260	55.	4
1,2-Dichloropropane	ND		ug/kg	910	59.	4
Dibromochloromethane	ND		ug/kg	260	40.	4
1,1,2-Trichloroethane	ND		ug/kg	390	79.	4
Tetrachloroethene	ND		ug/kg	260	36.	4
Chlorobenzene	ND		ug/kg	260	91.	4
Trichlorofluoromethane	ND		ug/kg	1300	100	4
1,2-Dichloroethane	ND		ug/kg	260	30.	4
1,1,1-Trichloroethane	ND		ug/kg	260	29.	4
Bromodichloromethane	ND		ug/kg	260	45.	4
trans-1,3-Dichloropropene	ND		ug/kg	260	31.	4
cis-1,3-Dichloropropene	ND		ug/kg	260	31.	4
Bromoform	ND		ug/kg	1000	62.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	260	26.	4
Benzene	230	J	ug/kg	260	31.	4
Toluene	ND		ug/kg	390	51.	4
Ethylbenzene	ND		ug/kg	260	33.	4
Chloromethane	ND		ug/kg	1300	77.	4
Bromomethane	ND		ug/kg	520	88.	4
Vinyl chloride	ND		ug/kg	520	31.	4
Chloroethane	ND		ug/kg	520	82.	4
1,1-Dichloroethene	ND		ug/kg	260	68.	4
trans-1,2-Dichloroethene	ND		ug/kg	390	55.	4
Trichloroethene	ND		ug/kg	260	32.	4
1,2-Dichlorobenzene	ND		ug/kg	1300	40.	4
1,3-Dichlorobenzene	ND		ug/kg	1300	35.	4
1,4-Dichlorobenzene	ND		ug/kg	1300	36.	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-01 D

Date Collected: 07/13/16 12:00

Client ID: 2

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	520	22.	4
p/m-Xylene	300	J	ug/kg	520	52.	4
o-Xylene	ND		ug/kg	520	45.	4
cis-1,2-Dichloroethene	ND		ug/kg	260	37.	4
Styrene	ND		ug/kg	520	100	4
Dichlorodifluoromethane	ND		ug/kg	2600	50.	4
Acetone	ND		ug/kg	2600	270	4
Carbon disulfide	ND		ug/kg	2600	290	4
2-Butanone	ND		ug/kg	2600	71.	4
4-Methyl-2-pentanone	ND		ug/kg	2600	64.	4
2-Hexanone	ND		ug/kg	2600	170	4
Bromochloromethane	ND		ug/kg	1300	72.	4
1,2-Dibromoethane	ND		ug/kg	1000	45.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	1300	100	4
Isopropylbenzene	290		ug/kg	260	27.	4
1,2,3-Trichlorobenzene	ND		ug/kg	1300	38.	4
1,2,4-Trichlorobenzene	ND		ug/kg	1300	47.	4
Methyl Acetate	ND		ug/kg	5200	70.	4
Cyclohexane	ND		ug/kg	5200	38.	4
1,4-Dioxane	ND		ug/kg	26000	3800	4
Freon-113	ND		ug/kg	5200	71.	4
Methyl cyclohexane	4700		ug/kg	1000	40.	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-01 D

Date Collected: 07/13/16 12:00

Client ID: 2

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	140000	J	ug/kg			4
Unknown Alkane	9000	J	ug/kg			4
Pentane, 2,3,4-trimethyl-	7100	NJ	ug/kg			4
Pentane, 2,3,3-trimethyl-	13000	NJ	ug/kg			4
Deltacyclene	9000	NJ	ug/kg			4
Unknown Benzene	7500	J	ug/kg			4
Unknown	13000	J	ug/kg			4
Unknown Benzene	6200	J	ug/kg			4
2,4-Dimethylstyrene	11000	NJ	ug/kg			4
Unknown	11000	J	ug/kg			4
Unknown	7700	J	ug/kg			4
Unknown	12000	J	ug/kg			4
Unknown Indene	14000	J	ug/kg			4
Unknown	6800	J	ug/kg			4
Unknown	7800	J	ug/kg			4
Unknown	7000	J	ug/kg			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-08 D
 Client ID: 3C
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/16/16 20:55
 Analyst: BN
 Percent Solids: 91%

Date Collected: 07/13/16 15:40
 Date Received: 07/14/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	3600	400	4
1,1-Dichloroethane	ND		ug/kg	550	31.	4
Chloroform	ND		ug/kg	550	130	4
Carbon tetrachloride	ND		ug/kg	360	76.	4
1,2-Dichloropropane	ND		ug/kg	1300	83.	4
Dibromochloromethane	ND		ug/kg	360	56.	4
1,1,2-Trichloroethane	ND		ug/kg	550	110	4
Tetrachloroethene	ND		ug/kg	360	51.	4
Chlorobenzene	ND		ug/kg	360	130	4
Trichlorofluoromethane	ND		ug/kg	1800	140	4
1,2-Dichloroethane	160	J	ug/kg	360	41.	4
1,1,1-Trichloroethane	ND		ug/kg	360	40.	4
Bromodichloromethane	ND		ug/kg	360	63.	4
trans-1,3-Dichloropropene	ND		ug/kg	360	44.	4
cis-1,3-Dichloropropene	ND		ug/kg	360	43.	4
Bromoform	ND		ug/kg	1400	86.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	360	37.	4
Benzene	4000		ug/kg	360	43.	4
Toluene	1200		ug/kg	550	71.	4
Ethylbenzene	6200		ug/kg	360	46.	4
Chloromethane	ND		ug/kg	1800	110	4
Bromomethane	ND		ug/kg	730	120	4
Vinyl chloride	ND		ug/kg	730	43.	4
Chloroethane	ND		ug/kg	730	120	4
1,1-Dichloroethene	ND		ug/kg	360	95.	4
trans-1,2-Dichloroethene	ND		ug/kg	550	77.	4
Trichloroethene	ND		ug/kg	360	46.	4
1,2-Dichlorobenzene	ND		ug/kg	1800	56.	4
1,3-Dichlorobenzene	ND		ug/kg	1800	49.	4
1,4-Dichlorobenzene	ND		ug/kg	1800	50.	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-08 D

Date Collected: 07/13/16 15:40

Client ID: 3C

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	730	31.	4
p/m-Xylene	9800		ug/kg	730	72.	4
o-Xylene	1100		ug/kg	730	63.	4
cis-1,2-Dichloroethene	ND		ug/kg	360	52.	4
Styrene	ND		ug/kg	730	150	4
Dichlorodifluoromethane	ND		ug/kg	3600	70.	4
Acetone	ND		ug/kg	3600	380	4
Carbon disulfide	ND		ug/kg	3600	400	4
2-Butanone	ND		ug/kg	3600	99.	4
4-Methyl-2-pentanone	ND		ug/kg	3600	89.	4
2-Hexanone	ND		ug/kg	3600	240	4
Bromochloromethane	ND		ug/kg	1800	100	4
1,2-Dibromoethane	ND		ug/kg	1400	64.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	1800	140	4
Isopropylbenzene	1100		ug/kg	360	38.	4
1,2,3-Trichlorobenzene	ND		ug/kg	1800	54.	4
1,2,4-Trichlorobenzene	ND		ug/kg	1800	66.	4
Methyl Acetate	ND		ug/kg	7300	98.	4
Cyclohexane	ND		ug/kg	7300	53.	4
1,4-Dioxane	ND		ug/kg	36000	5200	4
Freon-113	ND		ug/kg	7300	100	4
Methyl cyclohexane	10000		ug/kg	1400	56.	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-08 D

Date Collected: 07/13/16 15:40

Client ID: 3C

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab

Tentatively Identified Compounds

Total TIC Compounds	390000	J	ug/kg			4
Unknown	23000	J	ug/kg			4
Unknown	36000	J	ug/kg			4
Heptane, 3-methyl-	18000	NJ	ug/kg			4
Unknown	23000	J	ug/kg			4
Octane, 3-methyl-	16000	NJ	ug/kg			4
Unknown	22000	J	ug/kg			4
Unknown Benzene	20000	J	ug/kg			4
Unknown Benzene	24000	J	ug/kg			4
Unknown Benzene	30000	J	ug/kg			4
Unknown	25000	J	ug/kg			4
Unknown Benzene	34000	J	ug/kg			4
Unknown	29000	J	ug/kg			4
Unknown	38000	J	ug/kg			4
Unknown	28000	J	ug/kg			4
Unknown Indene	23000	J	ug/kg			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	101		70-130

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-09 D
Client ID: 6
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/16/16 21:21
Analyst: BN
Percent Solids: 89%

Date Collected: 07/14/16 11:30
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	3200	350	4
1,1-Dichloroethane	ND		ug/kg	480	27.	4
Chloroform	ND		ug/kg	480	120	4
Carbon tetrachloride	ND		ug/kg	320	67.	4
1,2-Dichloropropane	ND		ug/kg	1100	73.	4
Dibromochloromethane	ND		ug/kg	320	49.	4
1,1,2-Trichloroethane	ND		ug/kg	480	97.	4
Tetrachloroethene	ND		ug/kg	320	45.	4
Chlorobenzene	ND		ug/kg	320	110	4
Trichlorofluoromethane	ND		ug/kg	1600	120	4
1,2-Dichloroethane	ND		ug/kg	320	36.	4
1,1,1-Trichloroethane	ND		ug/kg	320	35.	4
Bromodichloromethane	ND		ug/kg	320	55.	4
trans-1,3-Dichloropropene	ND		ug/kg	320	39.	4
cis-1,3-Dichloropropene	ND		ug/kg	320	38.	4
Bromoform	ND		ug/kg	1300	75.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	320	32.	4
Benzene	880		ug/kg	320	38.	4
Toluene	260	J	ug/kg	480	62.	4
Ethylbenzene	2600		ug/kg	320	41.	4
Chloromethane	ND		ug/kg	1600	94.	4
Bromomethane	ND		ug/kg	640	110	4
Vinyl chloride	ND		ug/kg	640	38.	4
Chloroethane	ND		ug/kg	640	100	4
1,1-Dichloroethene	ND		ug/kg	320	84.	4
trans-1,2-Dichloroethene	ND		ug/kg	480	68.	4
Trichloroethene	ND		ug/kg	320	40.	4
1,2-Dichlorobenzene	ND		ug/kg	1600	49.	4
1,3-Dichlorobenzene	ND		ug/kg	1600	43.	4
1,4-Dichlorobenzene	ND		ug/kg	1600	44.	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-09 D

Date Collected: 07/14/16 11:30

Client ID: 6

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	640	27.	4
p/m-Xylene	5700		ug/kg	640	63.	4
o-Xylene	660		ug/kg	640	55.	4
cis-1,2-Dichloroethene	ND		ug/kg	320	46.	4
Styrene	ND		ug/kg	640	130	4
Dichlorodifluoromethane	ND		ug/kg	3200	61.	4
Acetone	ND		ug/kg	3200	330	4
Carbon disulfide	ND		ug/kg	3200	350	4
2-Butanone	ND		ug/kg	3200	87.	4
4-Methyl-2-pentanone	ND		ug/kg	3200	78.	4
2-Hexanone	ND		ug/kg	3200	210	4
Bromochloromethane	ND		ug/kg	1600	88.	4
1,2-Dibromoethane	ND		ug/kg	1300	56.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	1600	130	4
Isopropylbenzene	570		ug/kg	320	33.	4
1,2,3-Trichlorobenzene	ND		ug/kg	1600	47.	4
1,2,4-Trichlorobenzene	ND		ug/kg	1600	58.	4
Methyl Acetate	ND		ug/kg	6400	86.	4
Cyclohexane	ND		ug/kg	6400	47.	4
1,4-Dioxane	ND		ug/kg	32000	4600	4
Freon-113	ND		ug/kg	6400	88.	4
Methyl cyclohexane	3800		ug/kg	1300	49.	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-09 D

Date Collected: 07/14/16 11:30

Client ID: 6

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	300000	J	ug/kg			4
Unknown	12000	J	ug/kg			4
Unknown Alkane	18000	J	ug/kg			4
Unknown	17000	J	ug/kg			4
Unknown Benzene	14000	J	ug/kg			4
Deltacyclene	16000	NJ	ug/kg			4
Unknown	29000	J	ug/kg			4
Unknown Benzene	15000	J	ug/kg			4
Unknown Benzene	25000	J	ug/kg			4
Unknown Benzene	22000	J	ug/kg			4
Unknown Benzene	26000	J	ug/kg			4
Unknown Benzene	21000	J	ug/kg			4
1-Phenyl-1-butene	32000	NJ	ug/kg			4
Unknown Aromatic	20000	J	ug/kg			4
Unknown	20000	J	ug/kg			4
Unknown Aromatic	14000	J	ug/kg			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-10 D
 Client ID: 8
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/16/16 21:47
 Analyst: BN
 Percent Solids: 87%

Date Collected: 07/14/16 13:00
 Date Received: 07/14/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1800	200	4
1,1-Dichloroethane	ND		ug/kg	280	16.	4
Chloroform	ND		ug/kg	280	68.	4
Carbon tetrachloride	ND		ug/kg	180	38.	4
1,2-Dichloropropane	ND		ug/kg	640	42.	4
Dibromochloromethane	ND		ug/kg	180	28.	4
1,1,2-Trichloroethane	ND		ug/kg	280	56.	4
Tetrachloroethene	ND		ug/kg	180	26.	4
Chlorobenzene	ND		ug/kg	180	64.	4
Trichlorofluoromethane	ND		ug/kg	920	71.	4
1,2-Dichloroethane	ND		ug/kg	180	21.	4
1,1,1-Trichloroethane	ND		ug/kg	180	20.	4
Bromodichloromethane	ND		ug/kg	180	32.	4
trans-1,3-Dichloropropene	ND		ug/kg	180	22.	4
cis-1,3-Dichloropropene	ND		ug/kg	180	22.	4
Bromoform	ND		ug/kg	730	43.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	180	18.	4
Benzene	340		ug/kg	180	22.	4
Toluene	96	J	ug/kg	280	36.	4
Ethylbenzene	1200		ug/kg	180	23.	4
Chloromethane	ND		ug/kg	920	54.	4
Bromomethane	ND		ug/kg	370	62.	4
Vinyl chloride	ND		ug/kg	370	22.	4
Chloroethane	ND		ug/kg	370	58.	4
1,1-Dichloroethene	ND		ug/kg	180	48.	4
trans-1,2-Dichloroethene	ND		ug/kg	280	39.	4
Trichloroethene	ND		ug/kg	180	23.	4
1,2-Dichlorobenzene	ND		ug/kg	920	28.	4
1,3-Dichlorobenzene	ND		ug/kg	920	25.	4
1,4-Dichlorobenzene	ND		ug/kg	920	25.	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-10 D

Date Collected: 07/14/16 13:00

Client ID: 8

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	370	15.	4
p/m-Xylene	2200		ug/kg	370	36.	4
o-Xylene	650		ug/kg	370	32.	4
cis-1,2-Dichloroethene	ND		ug/kg	180	26.	4
Styrene	ND		ug/kg	370	74.	4
Dichlorodifluoromethane	ND		ug/kg	1800	35.	4
Acetone	ND		ug/kg	1800	190	4
Carbon disulfide	ND		ug/kg	1800	200	4
2-Butanone	ND		ug/kg	1800	50.	4
4-Methyl-2-pentanone	ND		ug/kg	1800	45.	4
2-Hexanone	ND		ug/kg	1800	120	4
Bromochloromethane	ND		ug/kg	920	51.	4
1,2-Dibromoethane	ND		ug/kg	730	32.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	920	73.	4
Isopropylbenzene	280		ug/kg	180	19.	4
1,2,3-Trichlorobenzene	ND		ug/kg	920	27.	4
1,2,4-Trichlorobenzene	ND		ug/kg	920	33.	4
Methyl Acetate	ND		ug/kg	3700	50.	4
Cyclohexane	ND		ug/kg	3700	27.	4
1,4-Dioxane	ND		ug/kg	18000	2600	4
Freon-113	ND		ug/kg	3700	50.	4
Methyl cyclohexane	620	J	ug/kg	730	28.	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-10 D

Date Collected: 07/14/16 13:00

Client ID: 8

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	170000	J	ug/kg			4
Unknown Benzene	7700	J	ug/kg			4
Unknown Benzene	9000	J	ug/kg			4
Unknown	10000	J	ug/kg			4
Unknown Benzene	9200	J	ug/kg			4
Unknown Benzene	14000	J	ug/kg			4
Unknown Benzene	13000	J	ug/kg			4
Unknown Benzene	18000	J	ug/kg			4
Unknown Benzene	13000	J	ug/kg			4
Unknown Benzene	21000	J	ug/kg			4
Unknown Benzene	7700	J	ug/kg			4
Unknown Benzene	7000	J	ug/kg			4
Unknown	12000	J	ug/kg			4
Unknown Aromatic	14000	J	ug/kg			4
Unknown Aromatic	7800	J	ug/kg			4
Unknown Aromatic	6900	J	ug/kg			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/16 13:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,08-10 Batch: WG914391-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/16/16 13:40
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,08-10 Batch: WG914391-3					
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	5.2
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
Methyl Acetate	ND		ug/kg	1000	14.
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
Freon-113	ND		ug/kg	1000	14.
Methyl cyclohexane	ND		ug/kg	200	7.7

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/16/16 13:40
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,08-10 Batch: WG914391-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,08-10 Batch: WG914391-1 WG914391-2								
Methylene chloride	100		104		70-130	4		30
1,1-Dichloroethane	93		102		70-130	9		30
Chloroform	94		102		70-130	8		30
Carbon tetrachloride	88		104		70-130	17		30
1,2-Dichloropropane	102		109		70-130	7		30
Dibromochloromethane	99		105		70-130	6		30
2-Chloroethylvinyl ether	98		100		70-130	2		30
1,1,2-Trichloroethane	104		103		70-130	1		30
Tetrachloroethene	89		101		70-130	13		30
Chlorobenzene	93		100		70-130	7		30
Trichlorofluoromethane	86		100		70-139	15		30
1,2-Dichloroethane	99		104		70-130	5		30
1,1,1-Trichloroethane	90		103		70-130	13		30
Bromodichloromethane	95		101		70-130	6		30
trans-1,3-Dichloropropene	94		97		70-130	3		30
cis-1,3-Dichloropropene	97		104		70-130	7		30
1,1-Dichloropropene	89		104		70-130	16		30
Bromoform	93		97		70-130	4		30
1,1,2,2-Tetrachloroethane	91		91		70-130	0		30
Benzene	93		103		70-130	10		30
Toluene	84		92		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,08-10 Batch: WG914391-1 WG914391-2								
Ethylbenzene	88		97		70-130	10		30
Chloromethane	87		98		52-130	12		30
Bromomethane	105		108		57-147	3		30
Vinyl chloride	85		103		67-130	19		30
Chloroethane	92		103		50-151	11		30
1,1-Dichloroethene	88		104		65-135	17		30
trans-1,2-Dichloroethene	88		99		70-130	12		30
Trichloroethene	96		109		70-130	13		30
1,2-Dichlorobenzene	94		99		70-130	5		30
1,3-Dichlorobenzene	90		96		70-130	6		30
1,4-Dichlorobenzene	91		94		70-130	3		30
Methyl tert butyl ether	96		97		66-130	1		30
p/m-Xylene	90		100		70-130	11		30
o-Xylene	94		100		70-130	6		30
cis-1,2-Dichloroethene	95		101		70-130	6		30
Dibromomethane	105		108		70-130	3		30
Styrene	93		99		70-130	6		30
Dichlorodifluoromethane	89		109		30-146	20		30
Acetone	83		88		54-140	6		30
Carbon disulfide	103		110		59-130	7		30
2-Butanone	88		97		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,08-10 Batch: WG914391-1 WG914391-2								
Vinyl acetate	94		98		70-130	4		30
4-Methyl-2-pentanone	94		94		70-130	0		30
1,2,3-Trichloropropane	93		95		68-130	2		30
2-Hexanone	92		91		70-130	1		30
Bromochloromethane	110		115		70-130	4		30
2,2-Dichloropropane	86		100		70-130	15		30
1,2-Dibromoethane	99		101		70-130	2		30
1,3-Dichloropropane	94		95		69-130	1		30
1,1,1,2-Tetrachloroethane	93		97		70-130	4		30
Bromobenzene	93		100		70-130	7		30
n-Butylbenzene	84		94		70-130	11		30
sec-Butylbenzene	82		93		70-130	13		30
tert-Butylbenzene	83		93		70-130	11		30
o-Chlorotoluene	86		94		70-130	9		30
p-Chlorotoluene	84		91		70-130	8		30
1,2-Dibromo-3-chloropropane	78		83		68-130	6		30
Hexachlorobutadiene	80		92		67-130	14		30
Isopropylbenzene	88		97		70-130	10		30
p-Isopropyltoluene	82		91		70-130	10		30
Naphthalene	93		94		70-130	1		30
Acrylonitrile	94		92		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,08-10 Batch: WG914391-1 WG914391-2								
Isopropyl Ether	90		96		66-130	6		30
tert-Butyl Alcohol	85		85		70-130	0		30
n-Propylbenzene	84		93		70-130	10		30
1,2,3-Trichlorobenzene	90		92		70-130	2		30
1,2,4-Trichlorobenzene	92		98		70-130	6		30
1,3,5-Trimethylbenzene	87		96		70-130	10		30
1,2,4-Trimethylbenzene	87		94		70-130	8		30
Methyl Acetate	92		91		51-146	1		30
Ethyl Acetate	78		85		70-130	9		30
Acrolein	87		89		70-130	2		30
Cyclohexane	83		99		59-142	18		30
1,4-Dioxane	93		95		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	89		104		50-139	16		30
p-Diethylbenzene	93		106		70-130	13		30
p-Ethyltoluene	93		105		70-130	12		30
1,2,4,5-Tetramethylbenzene	96		107		70-130	11		30
Tetrahydrofuran	93		95		66-130	2		30
Ethyl ether	93		96		67-130	3		30
trans-1,4-Dichloro-2-butene	87		84		70-130	4		30
Methyl cyclohexane	88		105		70-130	18		30
Ethyl-Tert-Butyl-Ether	93		96		70-130	3		30

Lab Control Sample Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,08-10 Batch: WG914391-1 WG914391-2								
Tertiary-Amyl Methyl Ether	96		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	101		105		70-130

SEMIVOLATILES

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-02 D
 Client ID: 3
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/16 22:46
 Analyst: RC
 Percent Solids: 89%

Date Collected: 07/13/16 15:40
 Date Received: 07/14/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/15/16 05:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3700		ug/kg	730	95.	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	920	91.	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	30000		ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	98.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	990	92.	5
Hexachlorobutadiene	ND		ug/kg	920	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	830	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	ND		ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	820	140	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	ND		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	170	5
Di-n-octylphthalate	ND		ug/kg	920	310	5
Diethyl phthalate	ND		ug/kg	920	85.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	14000		ug/kg	550	100	5
Benzo(a)pyrene	14000		ug/kg	730	220	5
Benzo(b)fluoranthene	18000		ug/kg	550	150	5
Benzo(k)fluoranthene	6900		ug/kg	550	150	5

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-02 D

Date Collected: 07/13/16 15:40

Client ID: 3

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	14000		ug/kg	550	95.	5
Acenaphthylene	7200		ug/kg	730	140	5
Anthracene	9400		ug/kg	550	180	5
Benzo(ghi)perylene	9000		ug/kg	730	110	5
Fluorene	7800		ug/kg	920	89.	5
Phenanthrene	26000		ug/kg	550	110	5
Dibenzo(a,h)anthracene	2200		ug/kg	550	100	5
Indeno(1,2,3-cd)pyrene	10000		ug/kg	730	130	5
Pyrene	27000		ug/kg	550	91.	5
Biphenyl	1100	J	ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	ND		ug/kg	920	87.	5
2-Methylnaphthalene	11000		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	820	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	920	180	5
Carbazole	2500		ug/kg	920	89.	5
Atrazine	ND		ug/kg	730	320	5
Benzaldehyde	ND		ug/kg	1200	250	5
Caprolactam	ND		ug/kg	920	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	920	180	5

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-02 D

Date Collected: 07/13/16 15:40

Client ID: 3

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	103		10-120
Nitrobenzene-d5	147	Q	23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	99		18-120

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-04 D
 Client ID: 4
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/16 23:13
 Analyst: RC
 Percent Solids: 89%

Date Collected: 07/13/16 08:00
 Date Received: 07/14/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/15/16 05:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	370	J	ug/kg	740	96.	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	830	120	5
2-Chloronaphthalene	ND		ug/kg	920	91.	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	9000		ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	99.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	92.	5
Hexachlorobutadiene	ND		ug/kg	920	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	840	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	830	120	5
Naphthalene	720	J	ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	830	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	ND		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	170	5
Di-n-octylphthalate	ND		ug/kg	920	310	5
Diethyl phthalate	ND		ug/kg	920	85.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	4400		ug/kg	550	100	5
Benzo(a)pyrene	4200		ug/kg	740	220	5
Benzo(b)fluoranthene	5200		ug/kg	550	160	5
Benzo(k)fluoranthene	1900		ug/kg	550	150	5

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-04 D

Date Collected: 07/13/16 08:00

Client ID: 4

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	4700		ug/kg	550	96.	5
Acenaphthylene	1300		ug/kg	740	140	5
Anthracene	2200		ug/kg	550	180	5
Benzo(ghi)perylene	2500		ug/kg	740	110	5
Fluorene	780	J	ug/kg	920	90.	5
Phenanthrene	5600		ug/kg	550	110	5
Dibenzo(a,h)anthracene	730		ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	2700		ug/kg	740	130	5
Pyrene	7500		ug/kg	550	92.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	410	J	ug/kg	920	87.	5
2-Methylnaphthalene	380	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	830	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	920	180	5
Carbazole	460	J	ug/kg	920	90.	5
Atrazine	ND		ug/kg	740	320	5
Benzaldehyde	ND		ug/kg	1200	250	5
Caprolactam	ND		ug/kg	920	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	920	190	5

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-04 D

Date Collected: 07/13/16 08:00

Client ID: 4

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	106		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	105		18-120

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-06 D
 Client ID: 5
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/18/16 11:15
 Analyst: PS
 Percent Solids: 87%

Date Collected: 07/13/16 10:00
 Date Received: 07/14/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/15/16 05:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1000		ug/kg	760	98.	5
Hexachlorobenzene	ND		ug/kg	570	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	850	130	5
2-Chloronaphthalene	ND		ug/kg	950	94.	5
3,3'-Dichlorobenzidine	ND		ug/kg	950	250	5
2,4-Dinitrotoluene	ND		ug/kg	950	190	5
2,6-Dinitrotoluene	ND		ug/kg	950	160	5
Fluoranthene	12000		ug/kg	570	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	950	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	950	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	95.	5
Hexachlorobutadiene	ND		ug/kg	950	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	860	5
Hexachloroethane	ND		ug/kg	760	150	5
Isophorone	ND		ug/kg	850	120	5
Naphthalene	2000		ug/kg	950	120	5
Nitrobenzene	ND		ug/kg	850	140	5
NDPA/DPA	ND		ug/kg	760	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	950	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	950	330	5
Butyl benzyl phthalate	ND		ug/kg	950	240	5
Di-n-butylphthalate	ND		ug/kg	950	180	5
Di-n-octylphthalate	ND		ug/kg	950	320	5
Diethyl phthalate	ND		ug/kg	950	88.	5
Dimethyl phthalate	ND		ug/kg	950	200	5
Benzo(a)anthracene	6700		ug/kg	570	110	5
Benzo(a)pyrene	9700		ug/kg	760	230	5
Benzo(b)fluoranthene	12000		ug/kg	570	160	5
Benzo(k)fluoranthene	3800		ug/kg	570	150	5

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-06 D

Date Collected: 07/13/16 10:00

Client ID: 5

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	6800		ug/kg	570	99.	5
Acenaphthylene	3200		ug/kg	760	150	5
Anthracene	2800		ug/kg	570	180	5
Benzo(ghi)perylene	6000		ug/kg	760	110	5
Fluorene	1900		ug/kg	950	92.	5
Phenanthrene	7100		ug/kg	570	120	5
Dibenzo(a,h)anthracene	1600		ug/kg	570	110	5
Indeno(1,2,3-cd)pyrene	7300		ug/kg	760	130	5
Pyrene	11000		ug/kg	570	94.	5
Biphenyl	240	J	ug/kg	2200	220	5
4-Chloroaniline	ND		ug/kg	950	170	5
2-Nitroaniline	ND		ug/kg	950	180	5
3-Nitroaniline	ND		ug/kg	950	180	5
4-Nitroaniline	ND		ug/kg	950	390	5
Dibenzofuran	1100		ug/kg	950	90.	5
2-Methylnaphthalene	2100		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	950	99.	5
Acetophenone	ND		ug/kg	950	120	5
2,4,6-Trichlorophenol	ND		ug/kg	570	180	5
p-Chloro-m-cresol	ND		ug/kg	950	140	5
2-Chlorophenol	ND		ug/kg	950	110	5
2,4-Dichlorophenol	ND		ug/kg	850	150	5
2,4-Dimethylphenol	ND		ug/kg	950	310	5
2-Nitrophenol	ND		ug/kg	2000	360	5
4-Nitrophenol	ND		ug/kg	1300	390	5
2,4-Dinitrophenol	ND		ug/kg	4600	440	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	460	5
Pentachlorophenol	ND		ug/kg	760	210	5
Phenol	ND		ug/kg	950	140	5
2-Methylphenol	ND		ug/kg	950	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5
2,4,5-Trichlorophenol	ND		ug/kg	950	180	5
Carbazole	770	J	ug/kg	950	92.	5
Atrazine	ND		ug/kg	760	330	5
Benzaldehyde	ND		ug/kg	1200	260	5
Caprolactam	ND		ug/kg	950	290	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	950	190	5

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1621925**Project Number:** 15209**Report Date:** 08/12/16**SAMPLE RESULTS**

Lab ID: L1621925-06 D

Date Collected: 07/13/16 10:00

Client ID: 5

Date Received: 07/14/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		25-120
Phenol-d6	120		10-120
Nitrobenzene-d5	124	Q	23-120
2-Fluorobiphenyl	109		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	110		18-120

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/15/16 13:24
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/15/16 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG913770-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/15/16 13:24
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/15/16 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG913770-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 07/15/16 13:24
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/15/16 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG913770-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	113		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	120		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG913770-2 WG913770-3								
Acenaphthene	103		106		31-137	3		50
Benzidine	78	Q	80	Q	10-66	3		50
1,2,4-Trichlorobenzene	95		99		38-107	4		50
Hexachlorobenzene	106		110		40-140	4		50
Bis(2-chloroethyl)ether	99		105		40-140	6		50
2-Chloronaphthalene	106		109		40-140	3		50
1,2-Dichlorobenzene	89		94		40-140	5		50
1,3-Dichlorobenzene	87		91		40-140	4		50
1,4-Dichlorobenzene	86		90		28-104	5		50
3,3'-Dichlorobenzidine	92		94		40-140	2		50
2,4-Dinitrotoluene	117	Q	118	Q	28-89	1		50
2,6-Dinitrotoluene	116		118		40-140	2		50
Azobenzene	118		121		40-140	3		50
Fluoranthene	116		116		40-140	0		50
4-Chlorophenyl phenyl ether	105		109		40-140	4		50
4-Bromophenyl phenyl ether	111		115		40-140	4		50
Bis(2-chloroisopropyl)ether	96		103		40-140	7		50
Bis(2-chloroethoxy)methane	110		112		40-117	2		50
Hexachlorobutadiene	90		96		40-140	6		50
Hexachlorocyclopentadiene	105		110		40-140	5		50
Hexachloroethane	90		96		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG913770-2 WG913770-3								
Isophorone	113		116		40-140	3		50
Naphthalene	96		100		40-140	4		50
Nitrobenzene	108		113		40-140	5		50
NitrosoDiPhenylAmine(NDPA)/DPA	114		116		36-157	2		50
n-Nitrosodi-n-propylamine	109		113		32-121	4		50
Bis(2-Ethylhexyl)phthalate	115		117		40-140	2		50
Butyl benzyl phthalate	118		118		40-140	0		50
Di-n-butylphthalate	118		120		40-140	2		50
Di-n-octylphthalate	118		119		40-140	1		50
Diethyl phthalate	112		114		40-140	2		50
Dimethyl phthalate	116		117		40-140	1		50
Benzo(a)anthracene	115		117		40-140	2		50
Benzo(a)pyrene	113		115		40-140	2		50
Benzo(b)fluoranthene	121		122		40-140	1		50
Benzo(k)fluoranthene	114		118		40-140	3		50
Chrysene	104		106		40-140	2		50
Acenaphthylene	116		118		40-140	2		50
Anthracene	113		116		40-140	3		50
Benzo(ghi)perylene	115		118		40-140	3		50
Fluorene	109		112		40-140	3		50
Phenanthrene	104		105		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG913770-2 WG913770-3								
Dibenzo(a,h)anthracene	117		121		40-140	3		50
Indeno(1,2,3-cd)Pyrene	106		107		40-140	1		50
Pyrene	112		113		35-142	1		50
Biphenyl	106	Q	109	Q	54-104	3		50
Aniline	66		69		40-140	4		50
4-Chloroaniline	80		83		40-140	4		50
1-Methylnaphthalene	101		103		26-130	2		50
2-Nitroaniline	115		114		47-134	1		50
3-Nitroaniline	99		99		26-129	0		50
4-Nitroaniline	110		109		41-125	1		50
Dibenzofuran	103		106		40-140	3		50
2-Methylnaphthalene	105		110		40-140	5		50
1,2,4,5-Tetrachlorobenzene	100		104		40-117	4		50
Pentachloronitrobenzene	120		123		42-153	2		50
Acetophenone	108		115		14-144	6		50
n-Nitrosodimethylamine	52		48		22-100	8		50
2,4,6-Trichlorophenol	124		128		30-130	3		50
P-Chloro-M-Cresol	122	Q	125	Q	26-103	2		50
2-Chlorophenol	103	Q	109	Q	25-102	6		50
2,4-Dichlorophenol	119		122		30-130	2		50
2,4-Dimethylphenol	116		120		30-130	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG913770-2 WG913770-3								
2-Nitrophenol	105		109		30-130	4		50
4-Nitrophenol	115	Q	116	Q	11-114	1		50
2,4-Dinitrophenol	102		98		4-130	4		50
4,6-Dinitro-o-cresol	107		108		10-130	1		50
Pentachlorophenol	108		107		17-109	1		50
Phenol	105	Q	109	Q	26-90	4		50
2-Methylphenol	111		115		30-130.	4		50
3-Methylphenol/4-Methylphenol	117		120		30-130	3		50
2,4,5-Trichlorophenol	124		126		30-130	2		50
Benzoic Acid	66		62		10-110	6		50
Benzyl Alcohol	111		116		40-140	4		50
Carbazole	116		117		54-128	1		50
Pyridine	45		41		10-93	9		50
1,3-Dinitrobenzene	121		122		40-140	1		50
Parathion, ethyl	140		141	Q	40-140	1		50
3,3'-Dimethylbenzidine	102		102		15-115	0		50
Diphenamid	136		136		40-140	0		50
2-Chloroaniline	124		129		30-130	4		50
Atrazine	134		135		40-140	1		50
Benzaldehyde	112		123		40-140	9		50
Caprolactam	132	Q	136	Q	15-130	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG913770-2 WG913770-3								
2,3,4,6-Tetrachlorophenol	120		121		40-140	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	106		111		25-120
Phenol-d6	118		121	Q	10-120
Nitrobenzene-d5	110		115		23-120
2-Fluorobiphenyl	110		110		30-120
2,4,6-Tribromophenol	107		108		10-136
4-Terphenyl-d14	116		117		18-120

METALS

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-03
 Client ID: 3B
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/13/16 15:40
 Date Received: 07/14/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4600		mg/kg	8.6	1.7	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.3	0.68	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Arsenic, Total	21		mg/kg	0.86	0.28	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Barium, Total	110		mg/kg	0.86	0.23	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Beryllium, Total	0.20	J	mg/kg	0.43	0.09	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Cadmium, Total	26		mg/kg	0.86	0.06	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Calcium, Total	63000		mg/kg	8.6	2.4	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Chromium, Total	7.6		mg/kg	0.86	0.14	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Cobalt, Total	9.8		mg/kg	1.7	0.42	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Copper, Total	1200		mg/kg	0.86	0.15	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Iron, Total	100000		mg/kg	21	6.8	10	07/15/16 10:00	07/18/16 11:19	EPA 3050B	1,6010C	PS
Lead, Total	100		mg/kg	4.3	0.19	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Magnesium, Total	9600		mg/kg	8.6	1.1	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Manganese, Total	240		mg/kg	0.86	0.20	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Mercury, Total	0.29		mg/kg	0.07	0.02	1	07/15/16 10:20	07/16/16 12:41	EPA 7471B	1,7471B	BV
Nickel, Total	8.6		mg/kg	2.1	0.34	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Potassium, Total	480		mg/kg	210	24.	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.23	2	07/15/16 10:00	08/02/16 20:59	EPA 3050B	1,6010C	PS
Silver, Total	6.0		mg/kg	0.86	0.17	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Sodium, Total	210		mg/kg	170	14.	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.27	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Vanadium, Total	9.6		mg/kg	0.86	0.08	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS
Zinc, Total	7700		mg/kg	4.3	0.60	2	07/15/16 10:00	07/18/16 10:16	EPA 3050B	1,6010C	PS



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-05
 Client ID: 4B
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/13/16 08:00
 Date Received: 07/14/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5900		mg/kg	9.2	1.8	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Arsenic, Total	6.7		mg/kg	0.92	0.30	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Barium, Total	63		mg/kg	0.92	0.25	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Beryllium, Total	0.25	J	mg/kg	0.46	0.10	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Cadmium, Total	0.70	J	mg/kg	0.92	0.06	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Calcium, Total	170000		mg/kg	46	12.	10	07/15/16 10:00	07/18/16 11:41	EPA 3050B	1,6010C	PS
Chromium, Total	10		mg/kg	0.92	0.16	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Cobalt, Total	4.3		mg/kg	1.8	0.45	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Copper, Total	46		mg/kg	0.92	0.16	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Iron, Total	12000		mg/kg	4.6	1.4	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Lead, Total	56		mg/kg	4.6	0.20	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Magnesium, Total	19000		mg/kg	9.2	1.2	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Manganese, Total	420		mg/kg	0.92	0.22	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Mercury, Total	0.39		mg/kg	0.08	0.02	1	07/15/16 10:20	07/16/16 12:43	EPA 7471B	1,7471B	BV
Nickel, Total	12		mg/kg	2.3	0.37	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Potassium, Total	580		mg/kg	230	26.	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.25	2	07/15/16 10:00	08/02/16 21:38	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.92	0.18	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Sodium, Total	300		mg/kg	180	15.	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.29	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Vanadium, Total	12		mg/kg	0.92	0.08	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS
Zinc, Total	140		mg/kg	4.6	0.64	2	07/15/16 10:00	07/18/16 10:39	EPA 3050B	1,6010C	PS



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-07
 Client ID: 5B
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/13/16 10:00
 Date Received: 07/14/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6100		mg/kg	8.8	1.7	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Arsenic, Total	15		mg/kg	0.88	0.29	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Barium, Total	110		mg/kg	0.88	0.24	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Beryllium, Total	0.23	J	mg/kg	0.44	0.10	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Cadmium, Total	2.5		mg/kg	0.88	0.06	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Calcium, Total	74000		mg/kg	8.8	2.4	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Chromium, Total	11		mg/kg	0.88	0.15	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Cobalt, Total	6.5		mg/kg	1.8	0.43	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Copper, Total	130		mg/kg	0.88	0.16	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Iron, Total	28000		mg/kg	4.4	1.4	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Lead, Total	95		mg/kg	4.4	0.19	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Magnesium, Total	17000		mg/kg	8.8	1.2	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Manganese, Total	220		mg/kg	0.88	0.21	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Mercury, Total	0.28		mg/kg	0.08	0.02	1	07/15/16 10:20	07/16/16 12:45	EPA 7471B	1,7471B	BV
Nickel, Total	13		mg/kg	2.2	0.35	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Potassium, Total	470		mg/kg	220	25.	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.24	2	07/15/16 10:00	08/02/16 21:42	EPA 3050B	1,6010C	PS
Silver, Total	0.80	J	mg/kg	0.88	0.18	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Sodium, Total	210		mg/kg	180	15.	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Vanadium, Total	12		mg/kg	0.88	0.08	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS
Zinc, Total	500		mg/kg	4.4	0.62	2	07/15/16 10:00	07/18/16 10:43	EPA 3050B	1,6010C	PS



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03,05,07 Batch: WG913846-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/15/16 10:20	07/16/16 12:09	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
Total Metals - Mansfield Lab for sample(s): 03,05,07 Batch: WG913868-1										
Aluminum, Total	ND	mg/kg	4.0	0.79	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Arsenic, Total	ND	mg/kg	0.40	0.13	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Barium, Total	ND	mg/kg	0.40	0.11	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Calcium, Total	ND	mg/kg	4.0	1.1	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Chromium, Total	ND	mg/kg	0.40	0.07	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Copper, Total	0.09	J	mg/kg	0.40	0.07	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS
Iron, Total	ND	mg/kg	2.0	0.63	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Lead, Total	ND	mg/kg	2.0	0.09	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Magnesium, Total	ND	mg/kg	4.0	0.53	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Manganese, Total	ND	mg/kg	0.40	0.10	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Potassium, Total	ND	mg/kg	100	11.	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Selenium, Total	ND	mg/kg	0.80	0.11	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Silver, Total	ND	mg/kg	0.40	0.08	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Sodium, Total	ND	mg/kg	80	6.7	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Thallium, Total	ND	mg/kg	0.80	0.13	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/15/16 10:00	07/18/16 10:08	1,6010C	PS	

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 Batch: WG913846-2 SRM Lot Number: D089-540								
Mercury, Total	101		-		57-143	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 Batch: WG913868-2 SRM Lot Number: D089-540					
Aluminum, Total	61	-	52-147	-	
Antimony, Total	25	-	1-197	-	
Arsenic, Total	113	-	80-120	-	
Barium, Total	112	-	83-117	-	
Beryllium, Total	107	-	82-117	-	
Cadmium, Total	103	-	82-117	-	
Calcium, Total	114	-	81-119	-	
Chromium, Total	102	-	79-121	-	
Cobalt, Total	106	-	83-117	-	
Copper, Total	108	-	80-119	-	
Iron, Total	58	-	45-155	-	
Lead, Total	109	-	81-119	-	
Magnesium, Total	94	-	76-123	-	
Manganese, Total	117	-	81-119	-	
Nickel, Total	107	-	82-117	-	
Potassium, Total	85	-	71-128	-	
Selenium, Total	117	-	78-121	-	
Silver, Total	91	-	75-125	-	
Sodium, Total	112	-	71-128	-	
Thallium, Total	112	-	79-120	-	
Vanadium, Total	100	-	77-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1621925

Report Date: 08/12/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 Batch: WG913868-2 SRM Lot Number: D089-540					
Zinc, Total	118	-	80-119	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 QC Batch ID: WG913846-4 QC Sample: L1621795-01 Client ID: MS Sample												
Mercury, Total	0.48	0.154	0.59	71	Q	-	-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 QC Batch ID: WG913868-4 QC Sample: L1621925-03 Client ID: 3B									
Aluminum, Total	4600	177	3900	0	Q	-	75-125	-	20
Antimony, Total	ND	44.3	46	104		-	75-125	-	20
Arsenic, Total	21.	10.6	32	104		-	75-125	-	20
Barium, Total	110	177	270	90		-	75-125	-	20
Beryllium, Total	0.20J	4.43	4.2	95		-	75-125	-	20
Cadmium, Total	26.	4.52	18	0	Q	-	75-125	-	20
Calcium, Total	63000	886	140000	8690	Q	-	75-125	-	20
Chromium, Total	7.6	17.7	20	70	Q	-	75-125	-	20
Cobalt, Total	9.8	44.3	44	77		-	75-125	-	20
Copper, Total	1200	22.1	870	0	Q	-	75-125	-	20
Iron, Total	100000	88.6	79000	0	Q	-	75-125	-	20
Lead, Total	100	45.2	110	22	Q	-	75-125	-	20
Magnesium, Total	9600	886	10000	45	Q	-	75-125	-	20
Manganese, Total	240	44.3	290	113		-	75-125	-	20
Nickel, Total	8.6	44.3	42	75		-	75-125	-	20
Potassium, Total	480	886	1500	115		-	75-125	-	20
Selenium, Total	ND	10.6	8.0	75		-	75-125	-	20
Silver, Total	6.0	26.6	34	105		-	75-125	-	20
Sodium, Total	210	886	1200	112		-	75-125	-	20
Thallium, Total	ND	10.6	6.8	64	Q	-	75-125	-	20
Vanadium, Total	9.6	44.3	50	91		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 QC Batch ID: WG913868-4 QC Sample: L1621925-03 Client ID: 3B										
Zinc, Total	7700	44.3	4300	0	Q	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 QC Batch ID: WG913846-3 QC Sample: L1621795-01 Client ID: DUP Sample						
Mercury, Total	0.48	0.45	mg/kg	6		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 QC Batch ID: WG913868-3 QC Sample: L1621925-03 Client ID: 3B					
Aluminum, Total	4600	4700	mg/kg	2	20
Antimony, Total	ND	2.0J	mg/kg	NC	20
Arsenic, Total	21.	22	mg/kg	5	20
Barium, Total	110	110	mg/kg	0	20
Beryllium, Total	0.20J	0.25J	mg/kg	NC	20
Cadmium, Total	26.	19	mg/kg	31	Q 20
Calcium, Total	63000	110000	mg/kg	54	Q 20
Chromium, Total	7.6	8.6	mg/kg	12	20
Cobalt, Total	9.8	9.0	mg/kg	9	20
Copper, Total	1200	980	mg/kg	20	20
Lead, Total	100	86	mg/kg	15	20
Magnesium, Total	9600	12000	mg/kg	22	Q 20
Manganese, Total	240	200	mg/kg	18	20
Nickel, Total	8.6	6.9	mg/kg	22	Q 20
Potassium, Total	480	770	mg/kg	46	Q 20
Silver, Total	6.0	5.5	mg/kg	9	20
Sodium, Total	210	250	mg/kg	17	20
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	9.6	10	mg/kg	4	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 QC Batch ID: WG913868-3 QC Sample: L1621925-03 Client ID: 3B					
Zinc, Total	7700	5400	mg/kg	35	Q 20
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 QC Batch ID: WG913868-3 QC Sample: L1621925-03 Client ID: 3B					
Iron, Total	100000	99000	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 03,05,07 QC Batch ID: WG913868-3 QC Sample: L1621925-03 Client ID: 3B					
Selenium, Total	ND	ND	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-01
Client ID: 2
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/13/16 12:00
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-02
Client ID: 3
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/13/16 15:40
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-03
Client ID: 3B
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/13/16 15:40
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-04
Client ID: 4
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/13/16 08:00
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-05
Client ID: 4B
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/13/16 08:00
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-06
Client ID: 5
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/13/16 10:00
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-07
Client ID: 5B
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/13/16 10:00
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-08
Client ID: 3C
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/13/16 15:40
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-09
Client ID: 6
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/14/16 11:30
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

SAMPLE RESULTS

Lab ID: L1621925-10
Client ID: 8
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 07/14/16 13:00
Date Received: 07/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	07/15/16 06:20	121,2540G	VB



Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG913823-1 QC Sample: L1621925-03 Client ID: 3B						
Solids, Total	89.4	88.8	%	1		20

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1621925

Project Number: 15209

Report Date: 08/12/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/15/2016 05:04

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1621925-01A	Vial MeOH preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-01B	Vial water preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-01C	Vial water preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-01D	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1621925-02A	Glass 120ml/4oz unpreserved	A	N/A	4.0	Y	Absent	NYTCL-8270(14),TS(7)
L1621925-03A	Metals Only - Glass 60mL/2oz unp	A	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1621925-04A	Glass 120ml/4oz unpreserved	A	N/A	4.0	Y	Absent	NYTCL-8270(14),TS(7)
L1621925-05A	Metals Only - Glass 60mL/2oz unp	A	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1621925-06A	Glass 120ml/4oz unpreserved	A	N/A	4.0	Y	Absent	NYTCL-8270(14),TS(7)
L1621925-07A	Metals Only - Glass 60mL/2oz unp	A	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: DESTINY-EMBASSY SUITES**Project Number:** 15209**Lab Number:** L1621925**Report Date:** 08/12/16**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1621925-08A	Vial MeOH preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-08B	Vial water preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-08C	Vial water preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-08D	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1621925-09A	Vial MeOH preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-09B	Vial water preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-09C	Vial water preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-09D	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1621925-10A	Vial MeOH preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-10B	Vial water preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-10C	Vial water preserved	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1621925-10D	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1621925
Report Date: 08/12/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



**NEW YORK
CHAIN OF
CUSTODY**

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page

1 of 2

Date Rec'd
in Lab 7/15/16

ALPHA Job #

C1621925

Project Information

Project Name: Destiny Embassy Suites
Project Location: Syracuse NY
Project # 15209

Deliverables

ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other

Billing Information

Same as Client Info
PO #

Client Information

Client: Spectra Environmental
Address: 19 British American Blvd
Phone: 518-782-0882
Fax: _____
Email: FReduto@Spectraenv.com

(Use Project name as Project #)
Project Manager: Frank Reduto
ALPHAQuote #:

Regulatory Requirement

NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ NY
 Other:

Turn-Around Time

Standard Due Date:
Rush (only if pre approved) # of Days: 2 day

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

VOC/Terracore
SVOC-8570
Total Metals

Sample Filtration

Done
 Lab to do
Preservation
 Lab to do

(Please Specify below)

T
o
t
a
l

B
o
t
t
l
e

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
21925-01	2	7/13	12:00	Soil	KO
02	3	7/13	3:40 PM	Soil	KO
03	3B	7/13	3:40 PM	Soil	KO
04	4	7/13	08:00	Soil	KO
05	4B	7/13	08:00	Soil	KO
06	5	7/13	10:00 AM	Soil	KO
07	5B	7/13	10:00 AM	Soil	KO
08	3C	7/13	3:40 PM	Soil	KO
09	6	7/14	11:30 AM	Soil	KO
10	8	7/14	13:00	Soil	KO

Preservative Code:
A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
KE = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type

V A A

Preservative

F A A

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
<u>Kristin X. B. [Signature]</u>	<u>7/14 17:30</u>	<u>Robert [Signature] AAC</u>	<u>7-14-16 17:30</u>
<u>[Signature]</u>		<u>[Signature]</u>	<u>7/15/16 01:20</u>



ANALYTICAL REPORT

Lab Number:	L1623981
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Frank Peduto
Phone:	(518) 782-0882
Project Name:	EMBASSY SUITES-DESTINY
Project Number:	15209
Report Date:	08/03/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: EMBASSY SUITES-DESTINY
Project Number: 15209

Lab Number: L1623981
Report Date: 08/03/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1623981-01	10 SAND	SOIL	SYRACUSE, SITE 7	07/21/16 11:30	07/22/16

Project Name: EMBASSY SUITES-DESTINY
Project Number: 15209

Lab Number: L1623981
Report Date: 08/03/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: EMBASSY SUITES-DESTINY
Project Number: 15209

Lab Number: L1623981
Report Date: 08/03/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Lura L Troy

Title: Technical Director/Representative

Date: 08/03/16

ORGANICS

PCBS

Project Name: EMBASSY SUITES-DESTINY**Lab Number:** L1623981**Project Number:** 15209**Report Date:** 08/03/16**SAMPLE RESULTS**

Lab ID: L1623981-01
Client ID: 10 SAND
Sample Location: SYRACUSE, SITE 7
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/16 07:58
Analyst: JA
Percent Solids: 76%

Date Collected: 07/21/16 11:30
Date Received: 07/22/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 08/02/16 01:54
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/16
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.042	0.003	1	A
Aroclor 1221	ND		mg/kg	0.042	0.004	1	A
Aroclor 1232	ND		mg/kg	0.042	0.005	1	A
Aroclor 1242	ND		mg/kg	0.042	0.005	1	A
Aroclor 1248	ND		mg/kg	0.042	0.004	1	A
Aroclor 1254	ND		mg/kg	0.042	0.003	1	A
Aroclor 1260	ND		mg/kg	0.042	0.003	1	A
Aroclor 1262	ND		mg/kg	0.042	0.002	1	A
Aroclor 1268	ND		mg/kg	0.042	0.006	1	A
PCBs, Total	ND		mg/kg	0.0419	0.00208	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: EMBASSY SUITES-DESTINY
Project Number: 15209

Lab Number: L1623981
Report Date: 08/03/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/02/16 10:35
Analyst: JA

Extraction Method: EPA 3546
Extraction Date: 08/02/16 01:54
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/16
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG919688-1						
Aroclor 1016	ND		mg/kg	0.033	0.003	A
Aroclor 1221	ND		mg/kg	0.033	0.003	A
Aroclor 1232	ND		mg/kg	0.033	0.004	A
Aroclor 1242	ND		mg/kg	0.033	0.004	A
Aroclor 1248	ND		mg/kg	0.033	0.003	A
Aroclor 1254	ND		mg/kg	0.033	0.003	A
Aroclor 1260	ND		mg/kg	0.033	0.002	A
Aroclor 1262	ND		mg/kg	0.033	0.002	A
Aroclor 1268	ND		mg/kg	0.033	0.005	A
PCBs, Total	ND		mg/kg	0.0325	0.00161	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES-DESTINY

Lab Number: L1623981

Project Number: 15209

Report Date: 08/03/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG919688-2 WG919688-3									
Aroclor 1016	86		96		40-140	11		50	A
Aroclor 1260	77		81		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		76		30-150	A
Decachlorobiphenyl	71		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		76		30-150	B
Decachlorobiphenyl	67		73		30-150	B

INORGANICS & MISCELLANEOUS

Project Name: EMBASSY SUITES-DESTINY**Lab Number:** L1623981**Project Number:** 15209**Report Date:** 08/03/16**SAMPLE RESULTS**

Lab ID: L1623981-01
Client ID: 10 SAND
Sample Location: SYRACUSE, SITE 7
Matrix: Soil

Date Collected: 07/21/16 11:30
Date Received: 07/22/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.0		%	0.100	NA	1	-	07/24/16 09:36	121,2540G	VB



Lab Duplicate Analysis

Batch Quality Control

Project Name: EMBASSY SUITES-DESTINY

Project Number: 15209

Lab Number: L1623981

Report Date: 08/03/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG916462-1 QC Sample: L1622700-01 Client ID: DUP Sample						
Solids, Total	92.3	92.2	%	0		20

Project Name: EMBASSY SUITES-DESTINY**Lab Number:** L1623981**Project Number:** 15209**Report Date:** 08/03/16**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information Custody Seal**Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1623981-01A	Glass 120ml/4oz unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: EMBASSY SUITES-DESTINY
Project Number: 15209

Lab Number: L1623981
Report Date: 08/03/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: EMBASSY SUITES-DESTINY
Project Number: 15209

Lab Number: L1623981
Report Date: 08/03/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: EMBASSY SUITES-DESTINY
Project Number: 15209

Lab Number: L1623981
Report Date: 08/03/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: **8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:** Lead; **8270D:** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:


Drinking Water


EPA 200.8: Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, Ti; **EPA 200.7:** Ba, Be, Ca, Cd, Cr, Cu, Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Ti, Zn;
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Ti, Tl, V, Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #																																																														
		1 of 2	7/23/16	11622994																																																														
Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information Project Name: <u>EMBASSY SUITES - DESTINY</u> Project Location: <u>Syracuse, Site 7</u> Project # <u>15209</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO#																																																													
Client Information Client: <u>Spectra Environment</u> Address: <u>19 British American Blvd</u> <u>Latham, NY 12110</u> Phone: <u>518-782-0882</u> Fax: Email: <u>Fpeduto@spectraenv.com</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <u>NYTCL-8082</u> <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																														
Turn-Around Time Standard <input type="checkbox"/> Due Date: Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: <u>2 DAY TAT</u>		ANALYSIS These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: <u>23981-01</u> Please specify Metals or TAL.			T o t a l B o t t l e																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="5">ANALYSIS</th> <th rowspan="2">Sample Filtration</th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>SVOC 8270</th> <th>TOTAL METALS</th> <th>TS-SM 2540</th> <th>VOCs 8260/5035</th> <th>VOCs 8260/5035</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td><u>22974</u></td> <td><u>9</u></td> <td><u>7/21/16</u></td> <td><u>16:30</u></td> <td><u>SOIL</u></td> <td><u>Yw</u></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td><u>9A</u></td> <td><u>7/21/16</u></td> <td><u>16:35</u></td> <td><u>SOIL</u></td> <td><u>Yw</u></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td><u>10 SAND</u></td> <td><u>7/21/16</u></td> <td><u>11:30</u></td> <td><u>SOIL</u></td> <td><u>Yw</u></td> <td>1</td> <td>1</td> <td>1</td> <td>2</td> <td>1</td> <td>x</td> <td></td> <td></td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS					Sample Filtration	Sample Specific Comments	Date	Time	SVOC 8270	TOTAL METALS	TS-SM 2540	VOCs 8260/5035	VOCs 8260/5035	Other	<u>22974</u>	<u>9</u>	<u>7/21/16</u>	<u>16:30</u>	<u>SOIL</u>	<u>Yw</u>	1	1								<u>9A</u>	<u>7/21/16</u>	<u>16:35</u>	<u>SOIL</u>	<u>Yw</u>	1	1								<u>10 SAND</u>	<u>7/21/16</u>	<u>11:30</u>	<u>SOIL</u>	<u>Yw</u>	1	1	1	2	1	x			Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other <u>H₂O</u>		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: <u>A A P G V A V</u> Preservative: <u>A A A O F</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																										
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/22/16/17:15</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7-22-16 17:15</u>		Date/Time: <u>7/23/16 02:45</u>																																																										

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #					
		1 of 2	7/23/16	L1622974					
Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information				
Project Name: EMBASSY SUITES - DESTINY Project Location: Syracuse, Site 7 Project # 15209	Project Manager: Frank Peduto ALPHAQuote #:		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #				
Client Information	Turn-Around Time		Regulatory Requirement		Disposal Site Information				
Client: Spectra Environmental Address: 19 British American Blvd Latham, NY 12110 Phone: 518-782-0882 Fax: Email: Fpeduto@spectraenv.com	(Use Project name as Project #) <input type="checkbox"/> Project Manager: Frank Peduto ALPHAQuote #:		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use NYTCL-8082 <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NY				
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: <div style="border: 1px solid red; padding: 2px; display: inline-block; margin-top: 5px;">23981-01</div>		ANALYSIS		Sample Filtration					
Please specify Metals or TAL.		SVOC 8270 TOTAL METALS TS-SM 2540 VOCs 8260c/5035 HLM VOCs 8260c/5035 HLM		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)					
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments			
		Date	Time						
22974	-01	9	7/21/16 16:30	SOIL	YW				
	-02	9A	7/21/16 16:35	SOIL	YW				
	-03	10 SAND	7/21/16 11:30	SOIL	YW	x			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other H2O		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
				Container Type: A A P G V A V Preservative: A A A O F					
		Relinquished By:		Date/Time		Received By:		Date/Time	
		<i>Frank Peduto</i>		7/22/16/17:15		<i>Robert Perrin</i>		7-22-16 17:15	
		<i>Robert Perrin</i>				<i>Mark Phillips</i>		7/23/16 02:45	



ANALYTICAL REPORT

Lab Number:	L1629713
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Joe Krikorian
Phone:	(518) 782-0882
Project Name:	DESTINY
Project Number:	15209
Report Date:	10/13/16

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1629713-01	SP-MW-37	WATER	SYRACUSE, NY	09/19/16 10:50	09/20/16
L1629713-02	SP-MW-23	WATER	SYRACUSE, NY	09/19/16 10:20	09/20/16
L1629713-03	SP-MW-38	WATER	SYRACUSE, NY	09/19/16 12:20	09/20/16
L1629713-04	SP-MW-39	WATER	SYRACUSE, NY	09/19/16 11:27	09/20/16
L1629713-05	SP-MW-21	WATER	SYRACUSE, NY	09/19/16 12:45	09/20/16
L1629713-06	SP-MW-40	WATER	SYRACUSE, NY	09/19/16 15:05	09/20/16
L1629713-07	SP-MW-22	WATER	SYRACUSE, NY	09/19/16 14:53	09/20/16
L1629713-08	SP-MW-20	WATER	SYRACUSE, NY	09/19/16 16:15	09/20/16
L1629713-09	SP-MW-14SR	WATER	SYRACUSE, NY	09/19/16 16:55	09/20/16
L1629713-10	DUP	WATER	SYRACUSE, NY	09/19/16 12:00	09/20/16
L1629713-11	SP-MW-13S	WATER	SYRACUSE, NY	09/20/16 09:15	09/20/16
L1629713-12	SP-MW-44	WATER	SYRACUSE, NY	09/20/16 09:07	09/20/16
L1629713-13	SP-MW-41	WATER	SYRACUSE, NY	09/20/16 10:20	09/20/16
L1629713-14	HCMW-1-I	WATER	SYRACUSE, NY	09/20/16 11:25	09/20/16
L1629713-15	HCMW-1-SI	WATER	SYRACUSE, NY	09/20/16 11:35	09/20/16
L1629713-16	HCMW-1-S	WATER	SYRACUSE, NY	09/20/16 12:40	09/20/16
L1629713-17	SUN-MW-60	WATER	SYRACUSE, NY	09/20/16 12:30	09/20/16

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Case Narrative (continued)

Report Submission

This report replaces the report issued September 28, 2016. At the client's request, the Volatile Organics, Semivolatile Organics, and Metals reporting lists have changed.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics


L1629713-08 and -13: The sample has elevated detection limits due to the dilution required by the sample matrix (foam).

Semivolatile Organics by SIM

L1629713-05: The sample has elevated detection limits due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/13/16

ORGANICS

VOLATILES

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-01 D
 Client ID: SP-MW-37
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 18:55
 Analyst: PD

Date Collected: 09/19/16 10:50
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	1.8	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	53		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Trichloroethene	1.7		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-01 D

Date Collected: 09/19/16 10:50

Client ID: SP-MW-37

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	90		ug/l	6.2	1.8	2.5
p/m-Xylene	1.9	J	ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	ND		ug/l	6.2	1.8	2.5
Dibromomethane	ND		ug/l	12	2.5	2.5
1,2,3-Trichloropropane	ND		ug/l	6.2	1.8	2.5
Acrylonitrile	ND		ug/l	12	3.8	2.5
Diisopropyl Ether	78		ug/l	5.0	1.6	2.5
Tert-Butyl Alcohol	110		ug/l	25	3.5	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	8.7	J	ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
2,2-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,3-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	1.8	2.5
Bromobenzene	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	2.2	J	ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
o-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
p-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Hexachlorobutadiene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	7.8		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	ND		ug/l	6.2	1.8	2.5
n-Propylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-01 D

Date Collected: 09/19/16 10:50

Client ID: SP-MW-37

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
Ethyl-Tert-Butyl-Ether	ND		ug/l	6.2	1.8	2.5
Tertiary-Amyl Methyl Ether	0.94	J	ug/l	5.0	0.70	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Tetrahydrofuran	ND		ug/l	12	3.8	2.5
Ethyl ether	ND		ug/l	6.2	1.8	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	1.8	2.5

Tentatively Identified Compounds

Total TIC Compounds	292	J	ug/l			2.5
Benzene, Propyl-	14.5	NJ	ug/l			2.5
Pentane, 2,3,3-trimethyl-	6.65	NJ	ug/l			2.5
Unknown	10.7	J	ug/l			2.5
Unknown	168	J	ug/l			2.5
Pentane, 2-methyl-	6.02	NJ	ug/l			2.5
Butane, 2-Methyl-	7.22	NJ	ug/l			2.5
Unknown Aromatic	6.82	J	ug/l			2.5
Unknown Benzene	6.25	J	ug/l			2.5
Indane	37.1	NJ	ug/l			2.5
Cyclopentane, Methyl-	11.6	NJ	ug/l			2.5
Unknown Aromatic	17.0	J	ug/l			2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-02
 Client ID: SP-MW-23
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 16:14
 Analyst: PD

Date Collected: 09/19/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.53		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-02
 Client ID: SP-MW-23
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.4		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.1	J	ug/l	2.5	0.70	1
tert-Butylbenzene	1.4	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-02
 Client ID: SP-MW-23
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	226	J	ug/l			1
Butane, 2,3-Dimethyl-	33.1	NJ	ug/l			1
Pentane, 2,3-dimethyl-	13.5	NJ	ug/l			1
Pentane, 2,3,3-trimethyl-	6.76	NJ	ug/l			1
Unknown	152	J	ug/l			1
Pentane, 2,4-dimethyl-	5.80	NJ	ug/l			1
Unknown Alkene	6.78	J	ug/l			1
Unknown	7.78	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-03
 Client ID: SP-MW-38
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 16:47
 Analyst: PD

Date Collected: 09/19/16 12:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	29		ug/l	0.50	0.16	1
Toluene	1.2	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-03
 Client ID: SP-MW-38
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.5	J	ug/l	2.5	0.70	1
p/m-Xylene	3.8		ug/l	2.5	0.70	1
o-Xylene	1.1	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	15		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	71		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	3.4		ug/l	2.5	0.70	1
sec-Butylbenzene	4.3		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	17		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	32		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-03
 Client ID: SP-MW-38
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	2.2	J	ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	289	J	ug/l			1
Unknown Benzene	14.8	J	ug/l			1
Unknown Aromatic	28.9	J	ug/l			1
Pentane, 2,3,3-trimethyl-	12.4	NJ	ug/l			1
Unknown Aromatic	17.6	J	ug/l			1
Unknown	15.5	J	ug/l			1
Butane, 2-Methyl-	11.4	NJ	ug/l			1
Cyclopentane, Methyl-	16.3	NJ	ug/l			1
Unknown Benzene	16.2	J	ug/l			1
Unknown	34.6	J	ug/l			1
Unknown Aromatic	16.8	J	ug/l			1
Pentane, 2,3-dimethyl-	9.31	NJ	ug/l			1
Unknown Aromatic	11.2	J	ug/l			1
Unknown Aromatic	8.59	J	ug/l			1
Indane	52.7	NJ	ug/l			1
Unknown	22.7	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-04
 Client ID: SP-MW-39
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 17:19
 Analyst: PD

Date Collected: 09/19/16 11:27
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.70		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	3.0		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.35	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-04
 Client ID: SP-MW-39
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 11:27
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	6.9		ug/l	2.5	0.70	1
o-Xylene	3.3		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	18		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.1	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-04
 Client ID: SP-MW-39
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 11:27
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	2.1	J	ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	280	J	ug/l			1
Pentane, 2,3,4-trimethyl-	29.3	NJ	ug/l			1
Pentane	4.39	NJ	ug/l			1
Pentane, 2,4-dimethyl-	9.50	NJ	ug/l			1
Unknown	5.26	J	ug/l			1
Butane, 2,3-Dimethyl-	35.5	NJ	ug/l			1
Hexane, 2,4-dimethyl-	2.49	NJ	ug/l			1
Pentane, 2,3,3-trimethyl-	51.5	NJ	ug/l			1
Pentane, 2,3-dimethyl-	18.5	NJ	ug/l			1
Unknown	5.13	J	ug/l			1
Butane, 2-Methyl-	82.6	NJ	ug/l			1
Unknown	15.8	J	ug/l			1
Unknown	4.14	J	ug/l			1
Cyclopentane, Methyl-	15.6	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-05
 Client ID: SP-MW-21
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 17:51
 Analyst: PD

Date Collected: 09/19/16 12:45
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.30	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.64		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	0.84	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-05
 Client ID: SP-MW-21
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:45
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	3.4	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.6		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	1.9	J	ug/l	2.5	0.70	1
sec-Butylbenzene	3.9		ug/l	2.5	0.70	1
tert-Butylbenzene	0.84	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	20		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	15		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-05
 Client ID: SP-MW-21
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:45
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	1.4	J	ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	327	J	ug/l			1
Unknown Aromatic	13.6	J	ug/l			1
Butane, 2,3-Dimethyl-	52.0	NJ	ug/l			1
Unknown	6.68	J	ug/l			1
Butane, 2-Methyl-	51.1	NJ	ug/l			1
Unknown Benzene	18.7	J	ug/l			1
Pentane, 2,3,3-trimethyl-	20.0	NJ	ug/l			1
Unknown Alkane	4.24	J	ug/l			1
Unknown Benzene	18.8	J	ug/l			1
Pentane, 2,3-dimethyl-	11.7	NJ	ug/l			1
Pentane, 3-methyl-	17.4	NJ	ug/l			1
Unknown	4.35	J	ug/l			1
Unknown Benzene	4.19	J	ug/l			1
Unknown	77.8	J	ug/l			1
Pentane, 2,3,4-trimethyl-	17.6	NJ	ug/l			1
Pentane, 2,4-dimethyl-	8.48	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-06
 Client ID: SP-MW-40
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 18:23
 Analyst: PD

Date Collected: 09/19/16 15:05
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,1-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.28	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-06
 Client ID: SP-MW-40
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 15:05
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	5.5		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	710		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.4		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	3.1		ug/l	2.5	0.70	1
sec-Butylbenzene	14		ug/l	2.5	0.70	1
tert-Butylbenzene	2.5		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	30		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	16		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-06
 Client ID: SP-MW-40
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 15:05
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	190	J	ug/l			1
Unknown	16.6	J	ug/l			1
Unknown	36.6	J	ug/l			1
Unknown Aromatic	5.66	J	ug/l			1
Unknown Alkene	8.71	J	ug/l			1
Unknown Benzene	9.21	J	ug/l			1
Unknown Naphthalene	5.73	J	ug/l			1
Unknown Benzene	6.97	J	ug/l			1
Unknown Benzene	16.8	J	ug/l			1
Unknown Aromatic	14.9	J	ug/l			1
Butane, 2-Methyl-	14.0	NJ	ug/l			1
Cyclopentane, Methyl-	14.6	NJ	ug/l			1
Unknown Aromatic	6.62	J	ug/l			1
Unknown Benzene	7.84	J	ug/l			1
Unknown Benzene	14.4	J	ug/l			1
Pentane, 2-methyl-	11.4	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-07
 Client ID: SP-MW-22
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 14:15
 Analyst: MS

Date Collected: 09/19/16 14:53
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-07
 Client ID: SP-MW-22
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 14:53
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.6		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-07
 Client ID: SP-MW-22
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 14:53
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	4.36	J	ug/l			1
Unknown Alkane	1.80	J	ug/l			1
Pentane, 2,3,4-trimethyl-	1.03	NJ	ug/l			1
Unknown Alkane	1.53	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-08 D
 Client ID: SP-MW-20
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 19:27
 Analyst: PD

Date Collected: 09/19/16 16:15
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	1.8	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	0.56	J	ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Trichloroethene	ND		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-08 D

Date Collected: 09/19/16 16:15

Client ID: SP-MW-20

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	ND		ug/l	6.2	1.8	2.5
Dibromomethane	ND		ug/l	12	2.5	2.5
1,2,3-Trichloropropane	ND		ug/l	6.2	1.8	2.5
Acrylonitrile	ND		ug/l	12	3.8	2.5
Diisopropyl Ether	ND		ug/l	5.0	1.6	2.5
Tert-Butyl Alcohol	7.2	J	ug/l	25	3.5	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	13		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
2,2-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,3-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	1.8	2.5
Bromobenzene	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	19		ug/l	6.2	1.8	2.5
tert-Butylbenzene	3.6	J	ug/l	6.2	1.8	2.5
o-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
p-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Hexachlorobutadiene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	29		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	ND		ug/l	6.2	1.8	2.5
n-Propylbenzene	16		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-08 D

Date Collected: 09/19/16 16:15

Client ID: SP-MW-20

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
Ethyl-Tert-Butyl-Ether	ND		ug/l	6.2	1.8	2.5
Tertiary-Amyl Methyl Ether	ND		ug/l	5.0	0.70	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Tetrahydrofuran	ND		ug/l	12	3.8	2.5
Ethyl ether	ND		ug/l	6.2	1.8	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	1.8	2.5

Tentatively Identified Compounds

Total TIC Compounds	649	J	ug/l			2.5
Unknown Benzene	79.0	J	ug/l			2.5
Unknown	155	J	ug/l			2.5
Butane, 2,3-Dimethyl-	62.8	NJ	ug/l			2.5
Pentane, 2,3-dimethyl-	33.1	NJ	ug/l			2.5
Unknown	24.6	J	ug/l			2.5
Unknown Alkene	25.0	J	ug/l			2.5
Unknown Benzene	31.2	J	ug/l			2.5
Unknown Alkane	20.6	J	ug/l			2.5
Unknown Alkane	22.0	J	ug/l			2.5
Unknown Alkene	22.2	J	ug/l			2.5
Unknown Alkene	32.1	J	ug/l			2.5
Unknown Benzene	20.6	J	ug/l			2.5
Pentane, 3-methyl-	60.4	NJ	ug/l			2.5
Unknown Benzene	24.4	J	ug/l			2.5
Unknown Aromatic	35.6	J	ug/l			2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-09
 Client ID: SP-MW-14SR
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 14:43
 Analyst: MS

Date Collected: 09/19/16 16:55
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	2.1		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-09
 Client ID: SP-MW-14SR
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 16:55
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	1.9	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.81	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-09
 Client ID: SP-MW-14SR
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 16:55
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	3.1	J	ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	26.7	J	ug/l			1
Butane, 2,3-Dimethyl-	11.6	NJ	ug/l			1
Unknown	1.25	J	ug/l			1
Unknown	1.52	J	ug/l			1
Butane, 2,2-dimethyl-	2.04	NJ	ug/l			1
Butane, 2-Methyl-	7.53	NJ	ug/l			1
Pentane, 2,3-dimethyl-	1.26	NJ	ug/l			1
Unknown Cycloalkene	1.48	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-10
 Client ID: DUP
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 15:11
 Analyst: MS

Date Collected: 09/19/16 12:00
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.27	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-10
 Client ID: DUP
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:00
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	5.7		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	570		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	13		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	1.9	J	ug/l	2.5	0.70	1
sec-Butylbenzene	13		ug/l	2.5	0.70	1
tert-Butylbenzene	2.4	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	30		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	15		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-10
 Client ID: DUP
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:00
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	152	J	ug/l			1
Butane, 2-Methyl-	24.9	NJ	ug/l			1
Unknown Benzene	6.40	J	ug/l			1
Unknown Benzene	11.9	J	ug/l			1
Unknown Aromatic	5.29	J	ug/l			1
Unknown Benzene	13.8	J	ug/l			1
Unknown	5.84	J	ug/l			1
Unknown Benzene	7.42	J	ug/l			1
Unknown Benzene	13.2	J	ug/l			1
Unknown	4.62	J	ug/l			1
Unknown	24.6	J	ug/l			1
Cyclopentane, Methyl-	15.7	NJ	ug/l			1
Pentane, 2,3-dimethyl-	4.33	NJ	ug/l			1
Unknown Aromatic	4.74	J	ug/l			1
Unknown Naphthalene	4.69	J	ug/l			1
Unknown Benzene	4.27	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	92		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-11
 Client ID: SP-MW-13S
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 15:39
 Analyst: MS

Date Collected: 09/20/16 09:15
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.50		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-11
 Client ID: SP-MW-13S
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 09:15
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	0.79	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	140		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	15		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	2.0	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-11
 Client ID: SP-MW-13S
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 09:15
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	73.3	J	ug/l			1
Unknown Cycloalkane	3.21	J	ug/l			1
Butane, 2-Methyl-	6.20	NJ	ug/l			1
Cyclopentane, Methyl-	4.44	NJ	ug/l			1
Pentane, 2,3-dimethyl-	3.35	NJ	ug/l			1
Unknown	5.65	J	ug/l			1
Unknown	6.61	J	ug/l			1
Unknown Alkane	12.2	J	ug/l			1
Unknown Cycloalkane	2.56	J	ug/l			1
Cyclohexane, 1,1-dimethyl-	3.98	NJ	ug/l			1
Unknown Cycloalkane	4.55	J	ug/l			1
Unknown Cycloalkane	2.83	J	ug/l			1
Pentane, 3-methyl-	7.10	NJ	ug/l			1
Unknown	4.15	J	ug/l			1
Unknown	2.99	J	ug/l			1
Unknown Cycloalkane	3.52	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-12
 Client ID: SP-MW-44
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 16:07
 Analyst: MS

Date Collected: 09/20/16 09:07
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	0.92	J	ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-12
 Client ID: SP-MW-44
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 09:07
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	5.4	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	13		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.7	J	ug/l	2.5	0.70	1
n-Propylbenzene	1.6	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-12
 Client ID: SP-MW-44
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 09:07
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	46.1	J	ug/l			1
Unknown Benzene	2.20	J	ug/l			1
Unknown Aromatic	3.09	J	ug/l			1
Unknown Cyclohexane	2.89	J	ug/l			1
Unknown Aromatic	2.29	J	ug/l			1
Unknown	2.56	J	ug/l			1
Unknown Aromatic	3.04	J	ug/l			1
Unknown Cycloalkane	2.24	J	ug/l			1
Cyclohexane, 1,1-dimethyl-	4.43	NJ	ug/l			1
Unknown Cycloalkane	2.61	J	ug/l			1
Unknown	2.14	J	ug/l			1
Unknown	4.48	J	ug/l			1
Unknown Cyclohexane	3.32	J	ug/l			1
Unknown Aromatic	3.68	J	ug/l			1
Unknown	3.04	J	ug/l			1
Unknown Alkane	4.11	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-13 D
 Client ID: SP-MW-41
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 19:59
 Analyst: PD

Date Collected: 09/20/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	44		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-13 D

Date Collected: 09/20/16 10:20

Client ID: SP-MW-41

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Diisopropyl Ether	ND		ug/l	20	6.5	10
Tert-Butyl Alcohol	ND		ug/l	100	14.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	59		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10
n-Propylbenzene	45		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-13 D

Date Collected: 09/20/16 10:20

Client ID: SP-MW-41

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	190		ug/l	25	7.0	10
Ethyl-Tert-Butyl-Ether	ND		ug/l	25	7.0	10
Tertiary-Amyl Methyl Ether	ND		ug/l	20	2.8	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Tetrahydrofuran	ND		ug/l	50	15.	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Tentatively Identified Compounds

Total TIC Compounds	1880	J	ug/l			10
Unknown Alkane	26.8	J	ug/l			10
Unknown Benzene	34.1	J	ug/l			10
Unknown	761	J	ug/l			10
Unknown	104	J	ug/l			10
Unknown Alkane	103	J	ug/l			10
Unknown	22.9	J	ug/l			10
Unknown Aromatic	55.1	J	ug/l			10
Butane, 2-Methyl-	401	NJ	ug/l			10
Unknown Alkane	28.9	J	ug/l			10
Unknown	119	J	ug/l			10
Unknown Ether	68.7	J	ug/l			10
Butane, 2,3-Dimethyl-	154	NJ	ug/l			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-14
 Client ID: HCMW-1-I
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 16:36
 Analyst: MS

Date Collected: 09/20/16 11:25
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-14
 Client ID: HCMW-1-I
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 11:25
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	10		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-14
 Client ID: HCMW-1-I
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 11:25
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

1,2,4-Trimethylbenzene	0.78	J	ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	2.98	J	ug/l			1
Butane, 2-Methyl-	2.98	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-15
 Client ID: HCMW-1-SI
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 17:04
 Analyst: MS

Date Collected: 09/20/16 11:35
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.36	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-15
 Client ID: HCMW-1-SI
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 11:35
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-15
 Client ID: HCMW-1-SI
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 11:35
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	6.63	J	ug/l			1
Unknown	6.63	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-16
 Client ID: HCMW-1-S
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 17:32
 Analyst: MS

Date Collected: 09/20/16 12:40
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-16
 Client ID: HCMW-1-S
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 12:40
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.9		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-16
 Client ID: HCMW-1-S
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 12:40
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	6.52	J	ug/l			1
Unknown	6.52	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-17
 Client ID: SUN-MW-60
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/27/16 18:00
 Analyst: MS

Date Collected: 09/20/16 12:30
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,1-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.48	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-17
 Client ID: SUN-MW-60
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 12:30
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	14		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-17
 Client ID: SUN-MW-60
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 12:30
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

1,2,4-Trimethylbenzene	1.1	J	ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	8.13	J	ug/l			1
Butane, 2-Methyl-	2.14	NJ	ug/l			1
Unknown	5.99	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/27/16 12:22
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,09-12,14-17 Batch: WG936284-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/27/16 12:22
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,09-12,14-17 Batch: WG936284-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/27/16 12:22
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,09-12,14-17 Batch: WG936284-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/27/16 12:22
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,09-12,14-17 Batch: WG936284-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/27/16 10:21
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08,13 Batch: WG936421-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/27/16 10:21
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08,13 Batch: WG936421-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/27/16 10:21
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08,13 Batch: WG936421-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/27/16 10:21
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08,13 Batch: WG936421-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09-12,14-17 Batch: WG936284-3 WG936284-4								
Methylene chloride	98		95		70-130	3		20
1,1-Dichloroethane	93		92		70-130	1		20
Chloroform	91		90		70-130	1		20
2-Chloroethylvinyl ether	85		81		70-130	5		20
Carbon tetrachloride	83		81		63-132	2		20
1,2-Dichloropropane	93		92		70-130	1		20
Dibromochloromethane	87		87		63-130	0		20
1,1,2-Trichloroethane	89		89		70-130	0		20
Tetrachloroethene	86		85		70-130	1		20
Chlorobenzene	89		88		75-130	1		20
Trichlorofluoromethane	83		82		62-150	1		20
1,2-Dichloroethane	89		89		70-130	0		20
1,1,1-Trichloroethane	88		87		67-130	1		20
Bromodichloromethane	93		88		67-130	6		20
trans-1,3-Dichloropropene	90		88		70-130	2		20
cis-1,3-Dichloropropene	93		92		70-130	1		20
1,1-Dichloropropene	88		88		70-130	0		20
Bromoform	87		86		54-136	1		20
1,1,2,2-Tetrachloroethane	91		90		67-130	1		20
Benzene	90		88		70-130	2		20
Toluene	89		88		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09-12,14-17 Batch: WG936284-3 WG936284-4								
Ethylbenzene	88		86		70-130	2		20
Chloromethane	91		90		64-130	1		20
Bromomethane	82		77		39-139	6		20
Vinyl chloride	89		87		55-140	2		20
Chloroethane	94		91		55-138	3		20
1,1-Dichloroethene	87		87		61-145	0		20
trans-1,2-Dichloroethene	94		92		70-130	2		20
Trichloroethene	85		86		70-130	1		20
1,2-Dichlorobenzene	90		89		70-130	1		20
1,3-Dichlorobenzene	92		90		70-130	2		20
1,4-Dichlorobenzene	90		89		70-130	1		20
Methyl tert butyl ether	94		92		63-130	2		20
p/m-Xylene	85		85		70-130	0		20
o-Xylene	85		85		70-130	0		20
cis-1,2-Dichloroethene	92		89		70-130	3		20
Dibromomethane	91		88		70-130	3		20
1,2,3-Trichloropropane	88		92		64-130	4		20
Acrylonitrile	81		80		70-130	1		20
Isopropyl Ether	95		92		70-130	3		20
tert-Butyl Alcohol	116		92		70-130	23	Q	20
Styrene	85		80		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09-12,14-17 Batch: WG936284-3 WG936284-4								
Dichlorodifluoromethane	72		69		36-147	4		20
Acetone	81		76		58-148	6		20
Carbon disulfide	85		82		51-130	4		20
2-Butanone	92		88		63-138	4		20
Vinyl acetate	94		88		70-130	7		20
4-Methyl-2-pentanone	85		80		59-130	6		20
2-Hexanone	85		83		57-130	2		20
Acrolein	85		86		40-160	1		20
Bromochloromethane	93		91		70-130	2		20
2,2-Dichloropropane	93		90		63-133	3		20
1,2-Dibromoethane	94		93		70-130	1		20
1,3-Dichloropropane	92		90		70-130	2		20
1,1,1,2-Tetrachloroethane	87		88		64-130	1		20
Bromobenzene	91		89		70-130	2		20
n-Butylbenzene	93		93		53-136	0		20
sec-Butylbenzene	89		87		70-130	2		20
tert-Butylbenzene	89		89		70-130	0		20
o-Chlorotoluene	100		92		70-130	8		20
p-Chlorotoluene	91		91		70-130	0		20
1,2-Dibromo-3-chloropropane	84		89		41-144	6		20
Hexachlorobutadiene	120		110		63-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09-12,14-17 Batch: WG936284-3 WG936284-4								
Isopropylbenzene	90		89		70-130	1		20
p-Isopropyltoluene	90		89		70-130	1		20
Naphthalene	120		110		70-130	9		20
n-Propylbenzene	90		89		69-130	1		20
1,2,3-Trichlorobenzene	130		120		70-130	8		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	88		87		64-130	1		20
1,2,4-Trimethylbenzene	91		90		70-130	1		20
Methyl Acetate	87		88		70-130	1		20
Ethyl Acetate	89		82		70-130	8		20
Cyclohexane	81		78		70-130	4		20
Ethyl-Tert-Butyl-Ether	92		90		70-130	2		20
Tertiary-Amyl Methyl Ether	88		85		66-130	3		20
1,4-Dioxane	104		104		56-162	0		20
Freon-113	82		80		70-130	2		20
1,4-Diethylbenzene	94		91		70-130	3		20
4-Ethyltoluene	91		89		70-130	2		20
1,2,4,5-Tetramethylbenzene	97		94		70-130	3		20
Tetrahydrofuran	98		91		58-130	7		20
Ethyl ether	92		90		59-134	2		20
trans-1,4-Dichloro-2-butene	84		77		70-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09-12,14-17 Batch: WG936284-3 WG936284-4								
Iodomethane	63	Q	61	Q	70-130	3		20
Methyl cyclohexane	79		76		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		99		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08,13 Batch: WG936421-3 WG936421-4								
Methylene chloride	98		92		70-130	6		20
1,1-Dichloroethane	100		97		70-130	3		20
Chloroform	110		98		70-130	12		20
2-Chloroethylvinyl ether	85		87		70-130	2		20
Carbon tetrachloride	94		87		63-132	8		20
1,2-Dichloropropane	98		94		70-130	4		20
Dibromochloromethane	93		90		63-130	3		20
1,1,2-Trichloroethane	100		93		70-130	7		20
Tetrachloroethene	100		97		70-130	3		20
Chlorobenzene	100		96		75-130	4		20
Trichlorofluoromethane	110		97		62-150	13		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	100		94		67-130	6		20
Bromodichloromethane	100		97		67-130	3		20
trans-1,3-Dichloropropene	92		86		70-130	7		20
cis-1,3-Dichloropropene	91		86		70-130	6		20
1,1-Dichloropropene	100		92		70-130	8		20
Bromoform	84		78		54-136	7		20
1,1,2,2-Tetrachloroethane	98		91		67-130	7		20
Benzene	99		94		70-130	5		20
Toluene	100		95		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08,13 Batch: WG936421-3 WG936421-4								
Ethylbenzene	110		100		70-130	10		20
Chloromethane	70		68		64-130	3		20
Bromomethane	72		68		39-139	6		20
Vinyl chloride	97		88		55-140	10		20
Chloroethane	97		92		55-138	5		20
1,1-Dichloroethene	95		89		61-145	7		20
trans-1,2-Dichloroethene	100		91		70-130	9		20
Trichloroethene	100		94		70-130	6		20
1,2-Dichlorobenzene	100		97		70-130	3		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		95		70-130	5		20
Methyl tert butyl ether	94		89		63-130	5		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	110		100		70-130	10		20
cis-1,2-Dichloroethene	100		96		70-130	4		20
Dibromomethane	97		94		70-130	3		20
1,2,3-Trichloropropane	96		91		64-130	5		20
Acrylonitrile	90		88		70-130	2		20
Isopropyl Ether	100		97		70-130	3		20
tert-Butyl Alcohol	80		80		70-130	0		20
Styrene	110		105		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08,13 Batch: WG936421-3 WG936421-4								
Dichlorodifluoromethane	95		84		36-147	12		20
Acetone	120		100		58-148	18		20
Carbon disulfide	92		84		51-130	9		20
2-Butanone	92		89		63-138	3		20
Vinyl acetate	95		87		70-130	9		20
4-Methyl-2-pentanone	95		91		59-130	4		20
2-Hexanone	100		94		57-130	6		20
Acrolein	82		81		40-160	1		20
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	89		81		63-133	9		20
1,2-Dibromoethane	98		93		70-130	5		20
1,3-Dichloropropane	100		95		70-130	5		20
1,1,1,2-Tetrachloroethane	100		97		64-130	3		20
Bromobenzene	100		96		70-130	4		20
n-Butylbenzene	120		100		53-136	18		20
sec-Butylbenzene	110		98		70-130	12		20
tert-Butylbenzene	110		97		70-130	13		20
o-Chlorotoluene	100		98		70-130	2		20
p-Chlorotoluene	110		99		70-130	11		20
1,2-Dibromo-3-chloropropane	77		71		41-144	8		20
Hexachlorobutadiene	100		90		63-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08,13 Batch: WG936421-3 WG936421-4								
Isopropylbenzene	110		97		70-130	13		20
p-Isopropyltoluene	110		98		70-130	12		20
Naphthalene	95		98		70-130	3		20
n-Propylbenzene	110		98		69-130	12		20
1,2,3-Trichlorobenzene	94		93		70-130	1		20
1,2,4-Trichlorobenzene	98		96		70-130	2		20
1,3,5-Trimethylbenzene	110		98		64-130	12		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
Methyl Acetate	94		89		70-130	5		20
Ethyl Acetate	100		94		70-130	6		20
Cyclohexane	97		88		70-130	10		20
Ethyl-Tert-Butyl-Ether	95		90		70-130	5		20
Tertiary-Amyl Methyl Ether	91		86		66-130	6		20
1,4-Dioxane	94		84		56-162	11		20
Freon-113	94		86		70-130	9		20
1,4-Diethylbenzene	110		100		70-130	10		20
4-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	110		100		70-130	10		20
Tetrahydrofuran	95		91		58-130	4		20
Ethyl ether	95		88		59-134	8		20
trans-1,4-Dichloro-2-butene	97		90		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08,13 Batch: WG936421-3 WG936421-4								
Iodomethane	50	Q	53	Q	70-130	6		20
Methyl cyclohexane	98		88		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		111		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	101		98		70-130
Dibromofluoromethane	105		103		70-130

SEMIVOLATILES

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-01
 Client ID: SP-MW-37
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/25/16 21:53
 Analyst: HL

Date Collected: 09/19/16 10:50
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	2.1	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-01

Date Collected: 09/19/16 10:50

Client ID: SP-MW-37

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	71		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-01
 Client ID: SP-MW-37
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 04:58
 Analyst: KL

Date Collected: 09/19/16 10:50
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	6.9		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.27		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	0.05	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	0.08	J	ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.08	J	ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	0.07	J	ug/l	0.20	0.04	1
Acenaphthylene	0.62		ug/l	0.20	0.04	1
Anthracene	0.46		ug/l	0.20	0.04	1
Benzo(ghi)perylene	0.09	J	ug/l	0.20	0.04	1
Fluorene	1.0		ug/l	0.20	0.04	1
Phenanthrene	0.10	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.20	0.04	1
Pyrene	0.32		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-01

Date Collected: 09/19/16 10:50

Client ID: SP-MW-37

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	93		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-02
 Client ID: SP-MW-23
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/25/16 22:18
 Analyst: HL

Date Collected: 09/19/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-02
 Client ID: SP-MW-23
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	80		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-02
 Client ID: SP-MW-23
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 05:30
 Analyst: KL

Date Collected: 09/19/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.82		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	0.37		ug/l	0.20	0.04	1
Anthracene	0.08	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.70		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-02

Date Collected: 09/19/16 10:20

Client ID: SP-MW-23

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	103		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	99		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-03
 Client ID: SP-MW-38
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/25/16 22:43
 Analyst: HL

Date Collected: 09/19/16 12:20
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	2.3	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-03
 Client ID: SP-MW-38
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	68		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-03
 Client ID: SP-MW-38
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 06:02
 Analyst: KL

Date Collected: 09/19/16 12:20
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.5		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	0.14	J	ug/l	0.20	0.04	1
Anthracene	0.16	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.97		ug/l	0.20	0.04	1
Phenanthrene	0.17	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.04	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	0.41		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-03

Date Collected: 09/19/16 12:20

Client ID: SP-MW-38

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	85		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-04
 Client ID: SP-MW-39
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/25/16 23:08
 Analyst: HL

Date Collected: 09/19/16 11:27
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-04
 Client ID: SP-MW-39
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 11:27
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	75		41-149

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-04
Client ID: SP-MW-39
Sample Location: SYRACUSE, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/27/16 06:34
Analyst: KL

Date Collected: 09/19/16 11:27
Date Received: 09/20/16
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.08	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	0.03	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	0.05	J	ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.07	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-04

Date Collected: 09/19/16 11:27

Client ID: SP-MW-39

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	92		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-05
 Client ID: SP-MW-21
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/25/16 23:33
 Analyst: HL

Date Collected: 09/19/16 12:45
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	2.0		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-05
 Client ID: SP-MW-21
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:45
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	0.68	J	ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	74		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-05 D
 Client ID: SP-MW-21
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 13:17
 Analyst: KL

Date Collected: 09/19/16 12:45
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.6		ug/l	0.50	0.18	5
2-Chloronaphthalene	ND		ug/l	1.0	0.18	5
Fluoranthene	ND		ug/l	1.0	0.19	5
Hexachlorobutadiene	ND		ug/l	2.5	0.18	5
Naphthalene	ND		ug/l	1.0	0.22	5
Benzo(a)anthracene	ND		ug/l	1.0	0.08	5
Benzo(a)pyrene	ND		ug/l	1.0	0.20	5
Benzo(b)fluoranthene	ND		ug/l	1.0	0.08	5
Benzo(k)fluoranthene	ND		ug/l	1.0	0.21	5
Chrysene	ND		ug/l	1.0	0.19	5
Acenaphthylene	0.83	J	ug/l	1.0	0.18	5
Anthracene	ND		ug/l	1.0	0.18	5
Benzo(ghi)perylene	ND		ug/l	1.0	0.21	5
Fluorene	4.3		ug/l	1.0	0.18	5
Phenanthrene	0.27	J	ug/l	1.0	0.08	5
Dibenzo(a,h)anthracene	ND		ug/l	1.0	0.20	5
Indeno(1,2,3-cd)pyrene	ND		ug/l	1.0	0.20	5
Pyrene	ND		ug/l	1.0	0.20	5
2-Methylnaphthalene	ND		ug/l	1.0	0.22	5
Pentachlorophenol	ND		ug/l	4.0	1.1	5
Hexachlorobenzene	ND		ug/l	4.0	0.16	5
Hexachloroethane	ND		ug/l	4.0	0.15	5

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-05 D

Date Collected: 09/19/16 12:45

Client ID: SP-MW-21

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	100		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	90		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-06
 Client ID: SP-MW-40
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/25/16 23:58
 Analyst: HL

Date Collected: 09/19/16 15:05
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	2.0		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-06
 Client ID: SP-MW-40
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 15:05
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	1.2	J	ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	69		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-06
 Client ID: SP-MW-40
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 08:08
 Analyst: KL

Date Collected: 09/19/16 15:05
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.6		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.04	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	0.65		ug/l	0.20	0.04	1
Anthracene	0.09	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.15	J	ug/l	0.20	0.04	1
Phenanthrene	0.06	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	0.70		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-06

Date Collected: 09/19/16 15:05

Client ID: SP-MW-40

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	83		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-07
 Client ID: SP-MW-22
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 00:24
 Analyst: HL

Date Collected: 09/19/16 14:53
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	2.3	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-07
 Client ID: SP-MW-22
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 14:53
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	76		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-07
 Client ID: SP-MW-22
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 09:12
 Analyst: KL

Date Collected: 09/19/16 14:53
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.09	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	0.04	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.07	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-07

Date Collected: 09/19/16 14:53

Client ID: SP-MW-22

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	103		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	104		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-08
 Client ID: SP-MW-20
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 00:49
 Analyst: HL

Date Collected: 09/19/16 16:15
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-08
 Client ID: SP-MW-20
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 16:15
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	70		41-149

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-08
Client ID: SP-MW-20
Sample Location: SYRACUSE, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/27/16 09:54
Analyst: KL

Date Collected: 09/19/16 16:15
Date Received: 09/20/16
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.70		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	0.19	J	ug/l	0.20	0.04	1
Anthracene	0.18	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.37		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-08

Date Collected: 09/19/16 16:15

Client ID: SP-MW-20

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	63		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-09
 Client ID: SP-MW-14SR
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 01:14
 Analyst: HL

Date Collected: 09/19/16 16:55
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	2.2	J	ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-09
 Client ID: SP-MW-14SR
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 16:55
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	72		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-09
 Client ID: SP-MW-14SR
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 07:42
 Analyst: KL

Date Collected: 09/19/16 16:55
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.25		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.21		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.05	J	ug/l	0.20	0.04	1
Benzo(a)anthracene	0.05	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	0.11	J	ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.14	J	ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	0.10	J	ug/l	0.20	0.04	1
Acenaphthylene	0.14	J	ug/l	0.20	0.04	1
Anthracene	0.19	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	0.10	J	ug/l	0.20	0.04	1
Fluorene	0.05	J	ug/l	0.20	0.04	1
Phenanthrene	0.17	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.20	0.04	1
Pyrene	0.22		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-09

Date Collected: 09/19/16 16:55

Client ID: SP-MW-14SR

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatiles by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	91		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-10
 Client ID: DUP
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 01:39
 Analyst: HL

Date Collected: 09/19/16 12:00
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	2.0		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-10
 Client ID: DUP
 Sample Location: SYRACUSE, NY

Date Collected: 09/19/16 12:00
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	1.2	J	ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	64		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-10
 Client ID: DUP
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 03:44
 Analyst: KL

Date Collected: 09/19/16 12:00
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.2		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.04	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	0.58		ug/l	0.20	0.04	1
Anthracene	0.15	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.22		ug/l	0.20	0.04	1
Phenanthrene	0.12	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	0.80		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-10

Date Collected: 09/19/16 12:00

Client ID: DUP

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	119		10-120
4-Terphenyl-d14	92		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-11
 Client ID: SP-MW-13S
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 02:05
 Analyst: HL

Date Collected: 09/20/16 09:15
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	3.0		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	2.1	J	ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-11
 Client ID: SP-MW-13S
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 09:15
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	65		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-11
 Client ID: SP-MW-13S
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 04:13
 Analyst: KL

Date Collected: 09/20/16 09:15
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.1		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.52		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.79		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	0.28		ug/l	0.20	0.04	1
Anthracene	0.62		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	3.0		ug/l	0.20	0.04	1
Phenanthrene	1.2		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.31		ug/l	0.20	0.04	1
2-Methylnaphthalene	1.2		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-11

Date Collected: 09/20/16 09:15

Client ID: SP-MW-13S

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	80		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-12
 Client ID: SP-MW-44
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 02:30
 Analyst: HL

Date Collected: 09/20/16 09:07
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	2.1	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-12
 Client ID: SP-MW-44
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 09:07
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	72		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-12
 Client ID: SP-MW-44
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 04:43
 Analyst: KL

Date Collected: 09/20/16 09:07
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.94		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.38		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.67		ug/l	0.20	0.04	1
Benzo(a)anthracene	0.03	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	0.32		ug/l	0.20	0.04	1
Anthracene	0.27		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.07	J	ug/l	0.20	0.04	1
Phenanthrene	0.07	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.23		ug/l	0.20	0.04	1
2-Methylnaphthalene	0.15	J	ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-12

Date Collected: 09/20/16 09:07

Client ID: SP-MW-44

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	84		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-13
 Client ID: SP-MW-41
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 02:55
 Analyst: HL

Date Collected: 09/20/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-13
 Client ID: SP-MW-41
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	60		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-13
 Client ID: SP-MW-41
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 05:13
 Analyst: KL

Date Collected: 09/20/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.48		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	0.20		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.10	J	ug/l	0.20	0.04	1
Phenanthrene	0.12	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-13

Date Collected: 09/20/16 10:20

Client ID: SP-MW-41

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	82		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-14
 Client ID: HCMW-1-I
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 03:20
 Analyst: HL

Date Collected: 09/20/16 11:25
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-14
 Client ID: HCMW-1-I
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 11:25
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	24		10-120
4-Terphenyl-d14	61		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-14
 Client ID: HCMW-1-I
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 05:43
 Analyst: KL

Date Collected: 09/20/16 11:25
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-14

Date Collected: 09/20/16 11:25

Client ID: HCMW-1-I

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	77		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-15
 Client ID: HCMW-1-SI
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 03:46
 Analyst: HL

Date Collected: 09/20/16 11:35
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-15
 Client ID: HCMW-1-SI
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 11:35
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	21		10-120
4-Terphenyl-d14	66		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-15
 Client ID: HCMW-1-SI
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 06:12
 Analyst: KL

Date Collected: 09/20/16 11:35
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-15

Date Collected: 09/20/16 11:35

Client ID: HCMW-1-SI

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	83		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-16
 Client ID: HCMW-1-S
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/26/16 04:11
 Analyst: HL

Date Collected: 09/20/16 12:40
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-16
 Client ID: HCMW-1-S
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 12:40
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	31		10-120
4-Terphenyl-d14	72		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-16
 Client ID: HCMW-1-S
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 06:42
 Analyst: KL

Date Collected: 09/20/16 12:40
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	0.04	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-16

Date Collected: 09/20/16 12:40

Client ID: HCMW-1-S

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	85		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-17
 Client ID: SUN-MW-60
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 09/27/16 05:24
 Analyst: AS

Date Collected: 09/20/16 12:30
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-17
 Client ID: SUN-MW-60
 Sample Location: SYRACUSE, NY

Date Collected: 09/20/16 12:30
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	59		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-17
 Client ID: SUN-MW-60
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/27/16 07:12
 Analyst: KL

Date Collected: 09/20/16 12:30
 Date Received: 09/20/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.05	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	0.12	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**SAMPLE RESULTS**

Lab ID: L1629713-17

Date Collected: 09/20/16 12:30

Client ID: SUN-MW-60

Date Received: 09/20/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	82		41-149

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/25/16 20:12
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 09/24/16 14:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-17 Batch: WG935467-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	2.1	J	ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/25/16 20:12
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 09/24/16 14:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-17 Batch: WG935467-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.1
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 09/25/16 20:12
 Analyst: HL

Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-17 Batch: WG935467-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	76		41-149

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 09/26/16 23:10
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-17 Batch: WG935472-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM
 Analytical Date: 09/26/16 23:10
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 09/24/16 14:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-17 Batch: WG935472-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	98		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG935467-2 WG935467-3								
Acenaphthene	50		48		37-111	4		30
Benzidine	10		4	Q	10-75	92	Q	30
1,2,4-Trichlorobenzene	45		45		39-98	0		30
Hexachlorobenzene	71		68		40-140	4		30
Bis(2-chloroethyl)ether	61		58		40-140	5		30
2-Chloronaphthalene	52		49		40-140	6		30
1,2-Dichlorobenzene	46		45		40-140	2		30
1,3-Dichlorobenzene	43		42		40-140	2		30
1,4-Dichlorobenzene	44		43		36-97	2		30
3,3'-Dichlorobenzidine	52		50		40-140	4		30
2,4-Dinitrotoluene	78		74		24-96	5		30
2,6-Dinitrotoluene	79		74		40-140	7		30
Azobenzene	60		57		40-140	5		30
Fluoranthene	68		64		40-140	6		30
4-Chlorophenyl phenyl ether	59		56		40-140	5		30
4-Bromophenyl phenyl ether	66		63		40-140	5		30
Bis(2-chloroisopropyl)ether	61		58		40-140	5		30
Bis(2-chloroethoxy)methane	68		64		40-140	6		30
Hexachlorobutadiene	43		42		40-140	2		30
Hexachlorocyclopentadiene	40		40		40-140	0		30
Hexachloroethane	40		40		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG935467-2 WG935467-3								
Isophorone	70		67		40-140	4		30
Naphthalene	47		45		40-140	4		30
Nitrobenzene	75		72		40-140	4		30
NitrosoDiPhenylAmine(NDPA)/DPA	63		60		40-140	5		30
n-Nitrosodi-n-propylamine	69		66		29-132	4		30
Bis(2-Ethylhexyl)phthalate	58		55		40-140	5		30
Butyl benzyl phthalate	69		66		40-140	4		30
Di-n-butylphthalate	63		60		40-140	5		30
Di-n-octylphthalate	60		58		40-140	3		30
Diethyl phthalate	65		62		40-140	5		30
Dimethyl phthalate	74		69		40-140	7		30
Benzo(a)anthracene	66		61		40-140	8		30
Benzo(a)pyrene	68		64		40-140	6		30
Benzo(b)fluoranthene	69		66		40-140	4		30
Benzo(k)fluoranthene	66		61		40-140	8		30
Chrysene	58		55		40-140	5		30
Acenaphthylene	62		58		45-123	7		30
Anthracene	61		58		40-140	5		30
Benzo(ghi)perylene	68		65		40-140	5		30
Fluorene	60		56		40-140	7		30
Phenanthrene	58		55		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG935467-2 WG935467-3								
Dibenzo(a,h)anthracene	70		67		40-140	4		30
Indeno(1,2,3-cd)Pyrene	63		59		40-140	7		30
Pyrene	65		61		26-127	6		30
Biphenyl	56		53		40-140	6		30
Aniline	30	Q	34	Q	40-140	13		30
4-Chloroaniline	47		49		40-140	4		30
1-Methylnaphthalene	48		46		41-103	4		30
2-Nitroaniline	83		78		52-143	6		30
3-Nitroaniline	60		59		25-145	2		30
4-Nitroaniline	71		67		51-143	6		30
Dibenzofuran	56		52		40-140	7		30
2-Methylnaphthalene	48		45		40-140	6		30
1,2,4,5-Tetrachlorobenzene	52		50		2-134	4		30
Acetophenone	73		70		39-129	4		30
n-Nitrosodimethylamine	38		37		22-74	3		30
2,4,6-Trichlorophenol	80		75		30-130	6		30
P-Chloro-M-Cresol	73		69		23-97	6		30
2-Chlorophenol	64		60		27-123	6		30
2,4-Dichlorophenol	78		73		30-130	7		30
2,4-Dimethylphenol	73		69		30-130	6		30
2-Nitrophenol	81		78		30-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG935467-2 WG935467-3								
4-Nitrophenol	48		39		10-80	21		30
2,4-Dinitrophenol	92		92		20-130	0		30
4,6-Dinitro-o-cresol	94		90		20-164	4		30
Pentachlorophenol	74		70		9-103	6		30
Phenol	37		31		12-110	18		30
2-Methylphenol	64		58		30-130	10		30
3-Methylphenol/4-Methylphenol	63		55		30-130	14		30
2,4,5-Trichlorophenol	82		77		30-130	6		30
Benzoic Acid	32		32		10-164	0		30
Benzyl Alcohol	62		59		26-116	5		30
Carbazole	63		60		55-144	5		30
Pyridine	13		12		10-66	8		30
Parathion, ethyl	112		106		40-140	6		30
Atrazine	75		70		40-140	7		30
Benzaldehyde	60		58		40-140	3		30
Caprolactam	23		22		10-130	4		30
2,3,4,6-Tetrachlorophenol	74		71		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG935467-2 WG935467-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
2-Fluorophenol	49		40		21-120
Phenol-d6	39		30		10-120
Nitrobenzene-d5	86		80		23-120
2-Fluorobiphenyl	68		61		15-120
2,4,6-Tribromophenol	77		70		10-120
4-Terphenyl-d14	70		62		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-17 Batch: WG935472-2 WG935472-3								
Acenaphthene	89		83		37-111	7		40
2-Chloronaphthalene	96		88		40-140	9		40
Fluoranthene	98		95		40-140	3		40
Hexachlorobutadiene	78		71		40-140	9		40
Naphthalene	92		85		40-140	8		40
Benzo(a)anthracene	85		83		40-140	2		40
Benzo(a)pyrene	83		80		40-140	4		40
Benzo(b)fluoranthene	89		86		40-140	3		40
Benzo(k)fluoranthene	87		82		40-140	6		40
Chrysene	82		80		40-140	2		40
Acenaphthylene	98		91		40-140	7		40
Anthracene	94		90		40-140	4		40
Benzo(ghi)perylene	82		79		40-140	4		40
Fluorene	96		91		40-140	5		40
Phenanthrene	91		88		40-140	3		40
Dibenzo(a,h)anthracene	85		80		40-140	6		40
Indeno(1,2,3-cd)pyrene	82		78		40-140	5		40
Pyrene	91		88		26-127	3		40
1-Methylnaphthalene	97		89		40-140	9		40
2-Methylnaphthalene	97		90		40-140	7		40
Pentachlorophenol	84		83		9-103	1		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-17 Batch: WG935472-2 WG935472-3								
Hexachlorobenzene	88		84		40-140	5		40
Hexachloroethane	89		80		40-140	11		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		68		21-120
Phenol-d6	40		56		10-120
Nitrobenzene-d5	90		85		23-120
2-Fluorobiphenyl	91		82		15-120
2,4,6-Tribromophenol	93		90		10-120
4-Terphenyl-d14	95		92		41-149

METALS

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-01
 Client ID: SP-MW-37
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 10:50
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0156		mg/l	0.0050	0.0020	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Barium, Total	0.759		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Cadmium, Total	0.0008	J	mg/l	0.0050	0.0007	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Copper, Total	0.0128		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Lead, Total	0.0048	J	mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Manganese, Total	0.287		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 19:49	EPA 7470A	1,7470A	EA
Nickel, Total	0.0217	J	mg/l	0.0250	0.0040	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB
Zinc, Total	0.118		mg/l	0.0500	0.0070	1	09/22/16 09:35	09/23/16 03:36	EPA 3005A	1,6010C	FB



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-02
 Client ID: SP-MW-23
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0039	J	mg/l	0.0050	0.0020	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Barium, Total	0.0417		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Copper, Total	ND		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Lead, Total	0.0020	J	mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Manganese, Total	0.0169		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 19:57	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB
Zinc, Total	ND		mg/l	0.0500	0.0070	1	09/22/16 09:35	09/23/16 03:40	EPA 3005A	1,6010C	FB



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-03
 Client ID: SP-MW-38
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 12:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0155		mg/l	0.0050	0.0020	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Barium, Total	1.56		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Copper, Total	0.0024	J	mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Lead, Total	ND		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Manganese, Total	0.404		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:03	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Selenium, Total	0.0089	J	mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB
Zinc, Total	ND		mg/l	0.0500	0.0070	1	09/22/16 09:35	09/23/16 03:44	EPA 3005A	1,6010C	FB



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-04
 Client ID: SP-MW-39
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 11:27
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0055		mg/l	0.0050	0.0020	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Barium, Total	0.0189		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Copper, Total	0.0041	J	mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Lead, Total	0.0028	J	mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Manganese, Total	0.0304		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:04	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB
Zinc, Total	0.0306	J	mg/l	0.0500	0.0070	1	09/22/16 09:35	09/23/16 04:16	EPA 3005A	1,6010C	FB



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-05
 Client ID: SP-MW-21
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 12:45
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0078		mg/l	0.0050	0.0020	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Barium, Total	0.0781		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Cadmium, Total	0.0034	J	mg/l	0.0050	0.0007	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Chromium, Total	0.0022	J	mg/l	0.010	0.0020	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Copper, Total	0.0439		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Lead, Total	0.0604		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Manganese, Total	0.240		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:06	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB
Zinc, Total	0.897		mg/l	0.0500	0.0070	1	09/22/16 09:35	09/23/16 04:20	EPA 3005A	1,6010C	FB



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-06
 Client ID: SP-MW-40
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 15:05
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0231		mg/l	0.0050	0.0020	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Barium, Total	0.178		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Copper, Total	ND		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Lead, Total	ND		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Manganese, Total	0.0445		mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:08	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB
Zinc, Total	0.0075	J	mg/l	0.0500	0.0070	1	09/22/16 09:35	09/23/16 04:24	EPA 3005A	1,6010C	FB



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-07
 Client ID: SP-MW-22
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 14:53
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0055		mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Barium, Total	0.0498		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Copper, Total	ND		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Lead, Total	ND		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Manganese, Total	0.0318		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:10	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH
Zinc, Total	ND		mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 13:54	EPA 3005A	1,6010C	JH



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-08
 Client ID: SP-MW-20
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 16:15
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Barium, Total	0.0857		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Copper, Total	0.0024	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Lead, Total	0.0072	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Manganese, Total	0.116		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:12	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH
Zinc, Total	0.168		mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 13:58	EPA 3005A	1,6010C	JH



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-09
 Client ID: SP-MW-14SR
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 16:55
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0709		mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Barium, Total	0.176		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Copper, Total	0.0023	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Lead, Total	0.0074	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Manganese, Total	0.254		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:14	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH
Zinc, Total	0.0260	J	mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 14:03	EPA 3005A	1,6010C	JH



Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-10
 Client ID: DUP
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/19/16 12:00
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0173		mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Barium, Total	0.178		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Copper, Total	0.0023	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Lead, Total	0.0038	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Manganese, Total	0.0451		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:16	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH
Zinc, Total	0.0090	J	mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 14:07	EPA 3005A	1,6010C	JH



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-11
 Client ID: SP-MW-13S
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/20/16 09:15
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0311		mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Barium, Total	3.48		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Copper, Total	ND		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Lead, Total	0.0035	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Manganese, Total	0.898		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:18	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH
Zinc, Total	0.0512		mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 14:11	EPA 3005A	1,6010C	JH



Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-12
 Client ID: SP-MW-44
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/20/16 09:07
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0121		mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Barium, Total	0.380		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Copper, Total	0.0050	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Lead, Total	0.0036	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Manganese, Total	0.872		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:19	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH
Zinc, Total	0.0207	J	mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 14:16	EPA 3005A	1,6010C	JH



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-13
 Client ID: SP-MW-41
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/20/16 10:20
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Barium, Total	0.120		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Copper, Total	0.0039	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Lead, Total	0.0049	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Manganese, Total	0.377		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:25	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH
Zinc, Total	0.0566		mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 14:20	EPA 3005A	1,6010C	JH



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-14
 Client ID: HCMW-1-I
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/20/16 11:25
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0025	J	mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Barium, Total	0.0197		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Copper, Total	0.0067	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Lead, Total	0.0040	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Manganese, Total	0.0192		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:27	EPA 7470A	1,7470A	EA
Nickel, Total	0.0047	J	mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH
Zinc, Total	0.124		mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 14:25	EPA 3005A	1,6010C	JH



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-15
 Client ID: HCMW-1-SI
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/20/16 11:35
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Barium, Total	0.0160		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Copper, Total	0.0043	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Lead, Total	0.0026	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Manganese, Total	0.132		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:29	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH
Zinc, Total	ND		mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 14:29	EPA 3005A	1,6010C	JH



Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-16
 Client ID: HCMW-1-S
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/20/16 12:40
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0034	J	mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Barium, Total	0.0997		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Chromium, Total	ND		mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Copper, Total	0.0038	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Lead, Total	0.0022	J	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Manganese, Total	0.0546		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:31	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH
Zinc, Total	0.0096	J	mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 14:34	EPA 3005A	1,6010C	JH



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

SAMPLE RESULTS

Lab ID: L1629713-17
 Client ID: SUN-MW-60
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 09/20/16 12:30
 Date Received: 09/20/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0039	J	mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Barium, Total	0.0314		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Chromium, Total	0.0020	J	mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Copper, Total	ND		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Lead, Total	ND		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Manganese, Total	0.0121		mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 20:32	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Selenium, Total	ND		mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Silver, Total	ND		mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH
Zinc, Total	0.0088	J	mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 15:01	EPA 3005A	1,6010C	JH



Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG934642-1									
Arsenic, Total	ND	mg/l	0.0050	0.0020	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Barium, Total	ND	mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Beryllium, Total	ND	mg/l	0.0050	0.0010	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Cadmium, Total	ND	mg/l	0.0050	0.0007	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Chromium, Total	ND	mg/l	0.010	0.0020	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Copper, Total	ND	mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Lead, Total	ND	mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Manganese, Total	ND	mg/l	0.0100	0.0020	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Nickel, Total	ND	mg/l	0.0250	0.0040	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Selenium, Total	ND	mg/l	0.0100	0.0030	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Silver, Total	ND	mg/l	0.0070	0.0020	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB
Zinc, Total	ND	mg/l	0.0500	0.0070	1	09/22/16 09:35	09/23/16 01:34	1,6010C	FB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-17 Batch: WG934667-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	09/22/16 10:42	09/22/16 19:46	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-17 Batch: WG935031-1									
Arsenic, Total	ND	mg/l	0.0050	0.0020	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Barium, Total	ND	mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Beryllium, Total	ND	mg/l	0.0050	0.0010	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Cadmium, Total	ND	mg/l	0.0050	0.0007	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Chromium, Total	ND	mg/l	0.010	0.0020	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH



Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Method Blank Analysis Batch Quality Control

Copper, Total	ND	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Lead, Total	ND	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Manganese, Total	ND	mg/l	0.0100	0.0020	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Nickel, Total	ND	mg/l	0.0250	0.0040	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Selenium, Total	ND	mg/l	0.0100	0.0030	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Silver, Total	ND	mg/l	0.0070	0.0020	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH
Zinc, Total	ND	mg/l	0.0500	0.0070	1	09/23/16 08:00	09/23/16 13:16	1,6010C	JH

Prep Information

 Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG934642-2								
Arsenic, Total	112		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	114		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Copper, Total	99		-		80-120	-		
Lead, Total	102		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Selenium, Total	115		-		80-120	-		
Silver, Total	102		-		80-120	-		
Zinc, Total	101		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-17 Batch: WG934667-2								
Mercury, Total	85		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-17 Batch: WG935031-2					
Arsenic, Total	103	-	80-120	-	
Barium, Total	94	-	80-120	-	
Beryllium, Total	96	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Chromium, Total	90	-	80-120	-	
Copper, Total	92	-	80-120	-	
Lead, Total	97	-	80-120	-	
Manganese, Total	92	-	80-120	-	
Nickel, Total	96	-	80-120	-	
Selenium, Total	108	-	80-120	-	
Silver, Total	97	-	80-120	-	
Zinc, Total	95	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG934642-3 WG934642-4 QC Sample: L1629722-03 Client ID: MS Sample												
Arsenic, Total	0.003J	0.12	0.126	105		0.130	108		75-125	3		20
Barium, Total	0.030	2	1.88	92		1.90	94		75-125	1		20
Beryllium, Total	ND	0.05	0.0473	95		0.0479	96		75-125	1		20
Cadmium, Total	ND	0.051	0.0528	104		0.0545	107		75-125	3		20
Chromium, Total	ND	0.2	0.19	95		0.19	95		75-125	0		20
Copper, Total	ND	0.25	0.239	96		0.240	96		75-125	0		20
Lead, Total	ND	0.51	0.480	94		0.488	96		75-125	2		20
Manganese, Total	0.050	0.5	0.490	88		0.494	89		75-125	1		20
Nickel, Total	ND	0.5	0.467	93		0.483	97		75-125	3		20
Selenium, Total	ND	0.12	0.125	104		0.130	108		75-125	4		20
Silver, Total	ND	0.05	0.0488	98		0.0490	98		75-125	0		20
Zinc, Total	ND	0.5	0.458	92		0.472	94		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG934667-4 QC Sample: L1629713-01 Client ID: SP-MW-37												
Mercury, Total	ND	0.005	0.00456	91		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1629713
Report Date: 10/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-17 QC Batch ID: WG935031-4 QC Sample: L1629802-01 Client ID: MS Sample									
Arsenic, Total	0.0063	0.12	0.132	105	-	-	75-125	-	20
Barium, Total	0.598	2	2.47	94	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0486	97	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.0546	107	-	-	75-125	-	20
Chromium, Total	0.0026J	0.2	0.19	95	-	-	75-125	-	20
Copper, Total	0.016	0.25	0.249	93	-	-	75-125	-	20
Lead, Total	0.0327	0.51	0.519	95	-	-	75-125	-	20
Manganese, Total	0.716	0.5	1.13	83	-	-	75-125	-	20
Nickel, Total	0.004J	0.5	0.479	96	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.130	108	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0482	96	-	-	75-125	-	20
Zinc, Total	0.094	0.5	0.566	94	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG934667-3 QC Sample: L1629713-01 Client ID: SP-MW-37						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 07-17 QC Batch ID: WG935031-3 QC Sample: L1629802-01 Client ID: DUP Sample						
Arsenic, Total	0.0063	0.0046J	mg/l	NC		20
Barium, Total	0.598	0.586	mg/l	2		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.0026J	0.0026J	mg/l	NC		20
Lead, Total	0.0327	0.0336	mg/l	3		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20

Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler

A	Absent
D	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1629713-01A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-01B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-01C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-01D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-01F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-02A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-02B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-02C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-02D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-02E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-02F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-03A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-03B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-03C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-03D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-03F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days



Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1629713-04A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-04B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-04C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-04D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-04E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-04F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-05A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-05B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-05C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-05D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-05E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-05F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-06A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-06B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-06C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-06D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-06E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-06F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-07A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-07B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-07C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-07D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-07E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)

*Values in parentheses indicate holding time in days



Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1629713-07F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-08A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-08B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-08C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-08D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-08E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-08F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-09A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-09B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-09C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-09D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-09E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-09F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-10A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-10B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-10C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-10D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-10E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-10F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-11A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-11B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-11C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days



Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1629713-11D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-11E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-11F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-12A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-12B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-12C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-12D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-12E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-12F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-13A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-13B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-13C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-13D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-13E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-13F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-14A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-14B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-14C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-14D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-14E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-14F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-15A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days



Project Name: DESTINY

Project Number: 15209

Lab Number: L1629713

Report Date: 10/13/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1629713-15B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-15C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-15D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-15E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-15F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-16A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-16B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-16C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-16D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-16E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-16F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1629713-17A	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-17B	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-17C	Vial HCl preserved	A	N/A	5.7	Y	Absent	NYTCL-8260-R2(14)
L1629713-17D	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-17E	Amber 1000ml unpreserved	A	7	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1629713-17F	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days



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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY**Lab Number:** L1629713**Project Number:** 15209**Report Date:** 10/13/16**Data Qualifiers**

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY

Lab Number: L1629713

Project Number: 15209

Report Date: 10/13/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	9/20/16	ALPHA Job # L1629713						
		of									
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information					
Client Information		Project Name: Destiny		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<input type="checkbox"/> Same as Client Info PO #					
Client: Spectra Env		Project Location: Syracuse NY		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:					
Address: 19 British Am. Blvd Latham NY 12110		Project # 15209		(Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge					
Phone: 518 782 0882		Project Manager: Frank Peduto		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:					
Fax:		ALPHAQuote #:		These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS					
Email: j.krikorian@spectraenv.com		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Other project specific requirements/comments: Please specify Metals or TAL.		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments					
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix Sampler's Initials		ANALYSIS 8260 STARS TAL 8270 Metals TAL		Total Bottles	
29713 - 01		SP-MW-37		9/19/16 1050		GW JCK		3 1 1		TKCs For VOCs	
02		SP-MW-23		n 1020		n YW		3 2 1		STARS For VOCs	
03		SP-MW-38		n 1225		n JCK		1 1 1			
04		SP-MW-39		n 1127		n YW		1 2 1			
05		SP-MW-27		n 1245		n YW		1 2 1			
06		SP-MW-40		n 1505		n JCK		1 2 1			
07		SP-MW-22		n 1453		n YW		1 2 1			
08		SP-MW-20		n 1615		n YW		1 2 1			
09		SP-MW-14SR		n 1655		n JCK		1 2 1			
10		DUP		9/19/16 1200		GW JCK		V V V			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		V A P B A C		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:		Date/Time					
[Signature]		9/20/16 1345		[Signature]		9/20/16 1345					

NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 2 of		Date Rec'd in Lab 9/20/16			ALPHA Job # L1629713		
		Project Information Project Name: Destiny Project Location: Syracuse NY Project # 15209 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other			Billing Information <input type="checkbox"/> Same as Client Info PO #				
Client Information Client: Spectra Env Address: 19 British Am Blvd Latham NY 12110 Phone: 518 782 0882 Fax: Email: jkirilorian@spectraenv.com		Project Manager: Frank Reduto ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge			Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:				
These samples have been previously analyzed by Alpha <input type="checkbox"/>						ANALYSIS			Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) <input type="checkbox"/> Sample Specific Comments		Total Bottle
Other project specific requirements/comments:						TICS STARS 8270 Metals TAL					
Please specify Metals or TAL.											
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials						
29713 -	11 Sp-MW-135	9/20/16	0915	GW	JCK	3	2	1			
	12 SP-MW-44	11	0907		YW						
	13 SP-MW-41	n	1020		YW						
	14 HCMW-1-I	n	1125		YW						
	15 HCMW-1-81	n	1135		JCK						
	16 HCMW-1-8	n	1240								
	17 SUN-MW-60	n	1230								
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative			Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
		Relinquished By: [Signature]		Date/Time 9/20/16 1345		Received By: [Signature]		Date/Time 9/20/16 1345			



ANALYTICAL REPORT

Lab Number:	L1620368
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Joe Krikorian
Phone:	(518) 782-0882
Project Name:	EMBASSY SUITES
Project Number:	15209
Report Date:	10/25/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1620368-01	P3-1 (0-4)	SOIL	SYRACUSE, NY	06/29/16 08:40	06/30/16
L1620368-02	P3-1 (4-8)	SOIL	SYRACUSE, NY	06/29/16 08:40	06/30/16
L1620368-03	P3-1 (8-12)	SOIL	SYRACUSE, NY	06/29/16 08:40	06/30/16
L1620368-04	P3-1 (12-16)	SOIL	SYRACUSE, NY	06/29/16 08:40	06/30/16
L1620368-05	P3-9 (0-4)	SOIL	SYRACUSE, NY	06/29/16 08:55	06/30/16
L1620368-06	P3-9 (4-8)	SOIL	SYRACUSE, NY	06/29/16 08:55	06/30/16
L1620368-07	P3-9 (8-12)	SOIL	SYRACUSE, NY	06/29/16 08:55	06/30/16
L1620368-08	P3-9 (12-16)	SOIL	SYRACUSE, NY	06/29/16 08:55	06/30/16
L1620368-09	P3-8 (4-8)	SOIL	SYRACUSE, NY	06/29/16 09:05	06/30/16
L1620368-10	P3-7 (4-8)	SOIL	SYRACUSE, NY	06/29/16 09:15	06/30/16
L1620368-11	P3-7 (8-12)	SOIL	SYRACUSE, NY	06/29/16 09:15	06/30/16
L1620368-12	P3-6 (4-8)	SOIL	SYRACUSE, NY	06/29/16 09:20	06/30/16
L1620368-13	P3-6 (8-12)	SOIL	SYRACUSE, NY	06/29/16 09:20	06/30/16
L1620368-14	P3-5 (6-8)	SOIL	SYRACUSE, NY	06/29/16 09:35	06/30/16
L1620368-15	P3-4 (6-8)	SOIL	SYRACUSE, NY	06/29/16 10:45	06/30/16
L1620368-16	P3-4 (10-12)	SOIL	SYRACUSE, NY	06/29/16 10:45	06/30/16
L1620368-17	P3-3 (4-8)	SOIL	SYRACUSE, NY	06/29/16 11:30	06/30/16
L1620368-18	P3-3 (8-10)	SOIL	SYRACUSE, NY	06/29/16 11:30	06/30/16
L1620368-19	P3-3 (12-14)	SOIL	SYRACUSE, NY	06/29/16 11:30	06/30/16
L1620368-20	P3-2 (4-8)	SOIL	SYRACUSE, NY	06/29/16 12:00	06/30/16
L1620368-21	P3-2 (8-10)	SOIL	SYRACUSE, NY	06/29/16 12:00	06/30/16
L1620368-22	P3-10 (4-8)	SOIL	SYRACUSE, NY	06/29/16 12:10	06/30/16
L1620368-23	P3-10 (8-10)	SOIL	SYRACUSE, NY	06/29/16 12:10	06/30/16
L1620368-24	P1-5 (4-8)	SOIL	SYRACUSE, NY	06/29/16 13:00	06/30/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1620368-25	P1-5 (8-10)	SOIL	SYRACUSE, NY	06/29/16 13:00	06/30/16
L1620368-26	P1-4 (4-8)	SOIL	SYRACUSE, NY	06/29/16 12:35	06/30/16
L1620368-27	P1-4 (8-12)	SOIL	SYRACUSE, NY	06/29/16 12:35	06/30/16
L1620368-28	P1-3 (4-8)	SOIL	SYRACUSE, NY	06/29/16 12:45	06/30/16
L1620368-29	P1-3 (8-12)	SOIL	SYRACUSE, NY	06/29/16 12:45	06/30/16
L1620368-30	P4-1 (0-4)	SOIL	SYRACUSE, NY	06/29/16 13:05	06/30/16
L1620368-31	P4-1 (4-8)	SOIL	SYRACUSE, NY	06/29/16 13:05	06/30/16
L1620368-32	P4-2 (2-4)	SOIL	SYRACUSE, NY	06/29/16 13:15	06/30/16
L1620368-33	P4-2 (4-6)	SOIL	SYRACUSE, NY	06/29/16 13:15	06/30/16
L1620368-34	P4-3 (2-4)	SOIL	SYRACUSE, NY	06/29/16 13:30	06/30/16
L1620368-35	P4-3 (2.5-3)	SOIL	SYRACUSE, NY	06/29/16 13:30	06/30/16
L1620368-36	P4-3 (4-6)	SOIL	SYRACUSE, NY	06/29/16 13:30	06/30/16
L1620368-37	P1-2 (3-4)	SOIL	SYRACUSE, NY	06/29/16 14:20	06/30/16
L1620368-38	P1-1 (4-8)	SOIL	SYRACUSE, NY	06/30/16 08:30	06/30/16
L1620368-39	P1-1 (8-10)	SOIL	SYRACUSE, NY	06/30/16 08:30	06/30/16
L1620368-40	P2-1 (4-8)	SOIL	SYRACUSE, NY	06/30/16 08:40	06/30/16
L1620368-41	P2-1 (8-10)	SOIL	SYRACUSE, NY	06/30/16 08:40	06/30/16
L1620368-42	P2-2 (4-8)	SOIL	SYRACUSE, NY	06/30/16 09:05	06/30/16
L1620368-43	P2-2 (8-10)	SOIL	SYRACUSE, NY	06/30/16 09:05	06/30/16
L1620368-44	P2-3 (8-10)	SOIL	SYRACUSE, NY	06/30/16 09:25	06/30/16
L1620368-45	DUP01	SOIL	SYRACUSE, NY	06/29/16 12:00	06/30/16
L1620368-46	DUP02	SOIL	SYRACUSE, NY	06/30/16 12:00	06/30/16
L1620368-47	DUP03	SOIL	SYRACUSE, NY	06/30/16 13:00	06/30/16
L1620368-48	P2-3 (4-8)	SOIL	SYRACUSE, NY	06/30/16 09:15	06/30/16

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Case Narrative (continued)

Report Submission

This report replaces the report issued July 13, 2016. The Volatile Organics compound list has been amended to include n-butylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The samples were received at the laboratory on June 30, 2016; however, the chain of custody was not relinquished. The requested analyses were performed.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L1620368-01, -07, -09, -10, -16, -17, -20, -22, -25, -26, -31, -33, -36, -37, -46, and -47: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1620368-37: The surrogate recoveries are outside the acceptance criteria for toluene-d8 (131%) and 4-bromofluorobenzene (208%); however, the sample was not re-analyzed due to coelution with obvious interferences. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

The WG912970-4/-5 MS/MSD recoveries, performed on L1620368-44, are below the acceptance criteria for 1,2,4-trimethylbenzene (0%/2%) due to the concentration of this compound falling below the reported detection limit.

Semivolatile Organics

L1620368-34: The sample has elevated detection limits due to the dilution required by the sample matrix.

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Case Narrative (continued)

Metals

L1620368-09 and -19: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

L1620368-32 and -35: The sample has an elevated detection limit for antimony due to the dilution required by matrix interferences encountered during analysis.

The WG910523-4 MS recoveries for arsenic (47%), cadmium (0%), copper (0%), lead (0%), and zinc (0%), performed on L1620368-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG910523-4 MS recoveries, performed on L1620368-01, are outside the acceptance criteria for antimony (52%), beryllium (54%), chromium (51%), nickel (25%), selenium (55%), silver (60%) and thallium (42%). A post digestion spike was performed and yielded unacceptable recoveries for silver (17%) and thallium (12%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG910524-4 MS recoveries, performed on L1620368-21, are outside the acceptance criteria for beryllium (74%), nickel (71%), thallium (66%), and zinc (69%). A post digestion spike was performed and yielded unacceptable recoveries for beryllium (138%), nickel (140%), thallium (132%) and zinc (131%). This has been attributed to sample matrix.

The WG910525-3/-4 MS/MSD recoveries, performed on L1620368-44, are outside the acceptance criteria for copper (46%/61%), lead (43%/55%), selenium (MS 74%), silver (MS 63%), and thallium (74%/66%). A post digestion spike was performed and yielded unacceptable recoveries for copper (136%), lead (132%), selenium (172%), silver (26%) and thallium (126%). This has been attributed to sample matrix. In addition, the MS/MSD RPD is above the acceptance criteria for silver (40%).

The WG910525-3/-4 MS/MSD recoveries for zinc (166%/56%), performed on L1620368-44, do not apply because the sample concentration is greater than four times the spike amount added.

The WG910525-4 MS recovery for zinc (56%), performed on L1620368-44, does not apply because the sample concentration is greater than four times the spike amount added.

The WG910528-4 MS recovery, performed on L1620368-01, is outside the acceptance criteria for mercury (213%). A post digestion spike was performed and was within acceptance criteria.

The WG910529-4 MS recovery, performed on L1620368-21, is outside the acceptance criteria for mercury

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Case Narrative (continued)


(142%). A post digestion spike was performed and was within acceptance criteria.

The WG910536-3/-4 MS/MSD recoveries, performed on L1620368-44, are outside the acceptance criteria for mercury (175%/167%). A post digestion spike was performed and yielded an unacceptable recovery of 129%. This has been attributed to sample matrix.

The WG910523-3 Laboratory Duplicate RPDs, performed on L1620368-01, are outside the acceptance criteria for cadmium (99%), chromium (32%), copper (46%), nickel (94%), and zinc (79%). The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/25/16

ORGANICS

VOLATILES

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-01 D
 Client ID: P3-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 11:08
 Analyst: MV
 Percent Solids: 73%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	580	64.	50
1,1-Dichloroethane	ND		ug/kg	87	5.0	50
Chloroform	ND		ug/kg	87	21.	50
Carbon tetrachloride	ND		ug/kg	58	12.	50
1,2-Dichloropropane	ND		ug/kg	200	13.	50
Dibromochloromethane	ND		ug/kg	58	8.9	50
1,1,2-Trichloroethane	ND		ug/kg	87	18.	50
Tetrachloroethene	ND		ug/kg	58	8.1	50
Chlorobenzene	ND		ug/kg	58	20.	50
Trichlorofluoromethane	ND		ug/kg	290	22.	50
1,2-Dichloroethane	ND		ug/kg	58	6.6	50
1,1,1-Trichloroethane	ND		ug/kg	58	6.4	50
Bromodichloromethane	ND		ug/kg	58	10.	50
trans-1,3-Dichloropropene	ND		ug/kg	58	7.0	50
cis-1,3-Dichloropropene	ND		ug/kg	58	6.8	50
Bromoform	ND		ug/kg	230	14.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	58	5.8	50
Benzene	130		ug/kg	58	6.8	50
Toluene	250		ug/kg	87	11.	50
Ethylbenzene	360		ug/kg	58	7.4	50
Chloromethane	34	J	ug/kg	290	17.	50
Bromomethane	ND		ug/kg	120	20.	50
Vinyl chloride	ND		ug/kg	120	6.8	50
Chloroethane	ND		ug/kg	120	18.	50
1,1-Dichloroethene	ND		ug/kg	58	15.	50
trans-1,2-Dichloroethene	ND		ug/kg	87	12.	50
Trichloroethene	ND		ug/kg	58	7.2	50
1,2-Dichlorobenzene	ND		ug/kg	290	8.9	50
1,3-Dichlorobenzene	ND		ug/kg	290	7.8	50
1,4-Dichlorobenzene	ND		ug/kg	290	8.0	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-01 D

Date Collected: 06/29/16 08:40

Client ID: P3-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	120	4.9	50
p/m-Xylene	370		ug/kg	120	11.	50
o-Xylene	38	J	ug/kg	120	10.	50
cis-1,2-Dichloroethene	ND		ug/kg	58	8.3	50
Styrene	ND		ug/kg	120	23.	50
Dichlorodifluoromethane	ND		ug/kg	580	11.	50
Acetone	260	J	ug/kg	580	60.	50
Carbon disulfide	ND		ug/kg	580	64.	50
2-Butanone	ND		ug/kg	580	16.	50
4-Methyl-2-pentanone	ND		ug/kg	580	14.	50
2-Hexanone	ND		ug/kg	580	39.	50
Bromochloromethane	ND		ug/kg	290	16.	50
1,2-Dibromoethane	ND		ug/kg	230	10.	50
n-Butylbenzene	310		ug/kg	58	6.7	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	290	23.	50
Isopropylbenzene	1100		ug/kg	58	6.0	50
n-Propylbenzene	2000		ug/kg	58	6.3	50
1,2,3-Trichlorobenzene	ND		ug/kg	290	8.6	50
1,2,4-Trichlorobenzene	ND		ug/kg	290	10.	50
1,3,5-Trimethylbenzene	62	J	ug/kg	290	8.3	50
1,2,4-Trimethylbenzene	390		ug/kg	290	8.2	50
Methyl Acetate	130	J	ug/kg	1200	16.	50
Cyclohexane	400	J	ug/kg	1200	8.5	50
1,4-Dioxane	ND		ug/kg	5800	840	50
Freon-113	ND		ug/kg	1200	16.	50
Methyl cyclohexane	1600		ug/kg	230	9.0	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-01 D
 Client ID: P3-1 (0-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	63000	J	ug/kg			50
Unknown Alkane	11000	J	ug/kg			50
Pentane, 2,3,4-trimethyl-	7400	NJ	ug/kg			50
Unknown	9600	J	ug/kg			50
Unknown	12000	J	ug/kg			50
Heptane, 2,5-dimethyl-	1900	NJ	ug/kg			50
Unknown Cyclohexane	2100	J	ug/kg			50
Unknown	3200	J	ug/kg			50
Unknown Aromatic	5800	J	ug/kg			50
Unknown Benzene	4800	J	ug/kg			50
Unknown	5100	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	90		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-02 D
 Client ID: P3-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 04:22
 Analyst: PK
 Percent Solids: 61%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14000	1500	1000
1,1-Dichloroethane	ND		ug/kg	2100	120	1000
Chloroform	ND		ug/kg	2100	510	1000
Carbon tetrachloride	ND		ug/kg	1400	290	1000
1,2-Dichloropropane	ND		ug/kg	4800	320	1000
Dibromochloromethane	ND		ug/kg	1400	210	1000
1,1,2-Trichloroethane	ND		ug/kg	2100	420	1000
Tetrachloroethene	ND		ug/kg	1400	190	1000
Chlorobenzene	ND		ug/kg	1400	480	1000
Trichlorofluoromethane	ND		ug/kg	6900	540	1000
1,2-Dichloroethane	ND		ug/kg	1400	160	1000
1,1,1-Trichloroethane	ND		ug/kg	1400	150	1000
Bromodichloromethane	ND		ug/kg	1400	240	1000
trans-1,3-Dichloropropene	ND		ug/kg	1400	170	1000
cis-1,3-Dichloropropene	ND		ug/kg	1400	160	1000
Bromoform	ND		ug/kg	5500	330	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	1400	140	1000
Benzene	310	J	ug/kg	1400	160	1000
Toluene	770	J	ug/kg	2100	270	1000
Ethylbenzene	28000		ug/kg	1400	180	1000
Chloromethane	1200	J	ug/kg	6900	410	1000
Bromomethane	ND		ug/kg	2800	470	1000
Vinyl chloride	ND		ug/kg	2800	160	1000
Chloroethane	ND		ug/kg	2800	440	1000
1,1-Dichloroethene	ND		ug/kg	1400	360	1000
trans-1,2-Dichloroethene	ND		ug/kg	2100	290	1000
Trichloroethene	ND		ug/kg	1400	170	1000
1,2-Dichlorobenzene	ND		ug/kg	6900	210	1000
1,3-Dichlorobenzene	ND		ug/kg	6900	190	1000
1,4-Dichlorobenzene	ND		ug/kg	6900	190	1000

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-02 D

Date Collected: 06/29/16 08:40

Client ID: P3-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2800	120	1000
p/m-Xylene	35000		ug/kg	2800	270	1000
o-Xylene	700	J	ug/kg	2800	240	1000
cis-1,2-Dichloroethene	ND		ug/kg	1400	200	1000
Styrene	ND		ug/kg	2800	560	1000
Dichlorodifluoromethane	ND		ug/kg	14000	260	1000
Acetone	ND		ug/kg	14000	1400	1000
Carbon disulfide	ND		ug/kg	14000	1500	1000
2-Butanone	ND		ug/kg	14000	380	1000
4-Methyl-2-pentanone	ND		ug/kg	14000	340	1000
2-Hexanone	ND		ug/kg	14000	920	1000
Bromochloromethane	ND		ug/kg	6900	380	1000
1,2-Dibromoethane	ND		ug/kg	5500	240	1000
n-Butylbenzene	5200		ug/kg	1400	160	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	6900	550	1000
Isopropylbenzene	5400		ug/kg	1400	140	1000
n-Propylbenzene	14000		ug/kg	1400	150	1000
1,2,3-Trichlorobenzene	ND		ug/kg	6900	200	1000
1,2,4-Trichlorobenzene	ND		ug/kg	6900	250	1000
1,3,5-Trimethylbenzene	1900	J	ug/kg	6900	200	1000
1,2,4-Trimethylbenzene	130000		ug/kg	6900	200	1000
Methyl Acetate	ND		ug/kg	28000	370	1000
Cyclohexane	63000		ug/kg	28000	200	1000
1,4-Dioxane	ND		ug/kg	140000	20000	1000
Freon-113	ND		ug/kg	28000	380	1000
Methyl cyclohexane	140000		ug/kg	5500	210	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-02 D
 Client ID: P3-1 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	450000	J	ug/kg			1000
Pentane, 2-methyl-	52000	NJ	ug/kg			1000
Cyclopentane, Methyl-	49000	NJ	ug/kg			1000
Unknown	59000	J	ug/kg			1000
Unknown Alkane	36000	J	ug/kg			1000
Unknown Cyclohexane	43000	J	ug/kg			1000
Unknown	49000	J	ug/kg			1000
Unknown Benzene	41000	J	ug/kg			1000
Unknown Benzene	34000	J	ug/kg			1000
Unknown Benzene	42000	J	ug/kg			1000
Unknown Aromatic	46000	J	ug/kg			1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	72		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	82		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-03 D
 Client ID: P3-1 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 04:47
 Analyst: PK
 Percent Solids: 48%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4200	460	250
1,1-Dichloroethane	ND		ug/kg	620	36.	250
Chloroform	ND		ug/kg	620	150	250
Carbon tetrachloride	ND		ug/kg	420	88.	250
1,2-Dichloropropane	ND		ug/kg	1400	95.	250
Dibromochloromethane	ND		ug/kg	420	64.	250
1,1,2-Trichloroethane	ND		ug/kg	620	130	250
Tetrachloroethene	ND		ug/kg	420	58.	250
Chlorobenzene	ND		ug/kg	420	140	250
Trichlorofluoromethane	ND		ug/kg	2100	160	250
1,2-Dichloroethane	ND		ug/kg	420	47.	250
1,1,1-Trichloroethane	ND		ug/kg	420	46.	250
Bromodichloromethane	ND		ug/kg	420	72.	250
trans-1,3-Dichloropropene	ND		ug/kg	420	50.	250
cis-1,3-Dichloropropene	ND		ug/kg	420	49.	250
Bromoform	ND		ug/kg	1700	98.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	420	42.	250
Benzene	110	J	ug/kg	420	49.	250
Toluene	240	J	ug/kg	620	81.	250
Ethylbenzene	9200		ug/kg	420	53.	250
Chloromethane	280	J	ug/kg	2100	120	250
Bromomethane	ND		ug/kg	830	140	250
Vinyl chloride	ND		ug/kg	830	49.	250
Chloroethane	ND		ug/kg	830	130	250
1,1-Dichloroethene	ND		ug/kg	420	110	250
trans-1,2-Dichloroethene	ND		ug/kg	620	88.	250
Trichloroethene	ND		ug/kg	420	52.	250
1,2-Dichlorobenzene	ND		ug/kg	2100	64.	250
1,3-Dichlorobenzene	ND		ug/kg	2100	56.	250
1,4-Dichlorobenzene	ND		ug/kg	2100	58.	250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-03 D

Date Collected: 06/29/16 08:40

Client ID: P3-1 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	830	35.	250
p/m-Xylene	12000		ug/kg	830	82.	250
o-Xylene	320	J	ug/kg	830	72.	250
cis-1,2-Dichloroethene	ND		ug/kg	420	60.	250
Styrene	ND		ug/kg	830	170	250
Dichlorodifluoromethane	ND		ug/kg	4200	80.	250
Acetone	ND		ug/kg	4200	430	250
Carbon disulfide	ND		ug/kg	4200	460	250
2-Butanone	ND		ug/kg	4200	110	250
4-Methyl-2-pentanone	ND		ug/kg	4200	100	250
2-Hexanone	ND		ug/kg	4200	280	250
Bromochloromethane	ND		ug/kg	2100	120	250
1,2-Dibromoethane	ND		ug/kg	1700	73.	250
n-Butylbenzene	1700		ug/kg	420	48.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	2100	160	250
Isopropylbenzene	2000		ug/kg	420	43.	250
n-Propylbenzene	5500		ug/kg	420	46.	250
1,2,3-Trichlorobenzene	ND		ug/kg	2100	62.	250
1,2,4-Trichlorobenzene	ND		ug/kg	2100	76.	250
1,3,5-Trimethylbenzene	1500	J	ug/kg	2100	60.	250
1,2,4-Trimethylbenzene	53000		ug/kg	2100	59.	250
Methyl Acetate	ND		ug/kg	8300	110	250
Cyclohexane	14000		ug/kg	8300	61.	250
1,4-Dioxane	ND		ug/kg	42000	6000	250
Freon-113	ND		ug/kg	8300	110	250
Methyl cyclohexane	31000		ug/kg	1700	64.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-03 D
 Client ID: P3-1 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	130000	J	ug/kg			250
Pentane, 2-methyl-	11000	NJ	ug/kg			250
Cyclopentane, Methyl-	12000	NJ	ug/kg			250
Unknown	11000	J	ug/kg			250
Unknown Benzene	11000	J	ug/kg			250
Unknown	17000	J	ug/kg			250
Unknown Benzene	15000	J	ug/kg			250
Unknown Benzene	13000	J	ug/kg			250
Unknown Benzene	15000	J	ug/kg			250
Unknown Aromatic	10000	J	ug/kg			250
Unknown Aromatic	16000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	70		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	80		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-04 D
 Client ID: P3-1 (12-16)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 05:13
 Analyst: PK
 Percent Solids: 65%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3600	390	250
1,1-Dichloroethane	ND		ug/kg	540	30.	250
Chloroform	ND		ug/kg	540	130	250
Carbon tetrachloride	ND		ug/kg	360	75.	250
1,2-Dichloropropane	ND		ug/kg	1200	81.	250
Dibromochloromethane	ND		ug/kg	360	55.	250
1,1,2-Trichloroethane	ND		ug/kg	540	110	250
Tetrachloroethene	ND		ug/kg	360	50.	250
Chlorobenzene	ND		ug/kg	360	120	250
Trichlorofluoromethane	ND		ug/kg	1800	140	250
1,2-Dichloroethane	ND		ug/kg	360	40.	250
1,1,1-Trichloroethane	ND		ug/kg	360	40.	250
Bromodichloromethane	ND		ug/kg	360	62.	250
trans-1,3-Dichloropropene	ND		ug/kg	360	43.	250
cis-1,3-Dichloropropene	ND		ug/kg	360	42.	250
Bromoform	ND		ug/kg	1400	84.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	360	36.	250
Benzene	790		ug/kg	360	42.	250
Toluene	440	J	ug/kg	540	69.	250
Ethylbenzene	11000		ug/kg	360	45.	250
Chloromethane	280	J	ug/kg	1800	100	250
Bromomethane	ND		ug/kg	710	120	250
Vinyl chloride	ND		ug/kg	710	42.	250
Chloroethane	ND		ug/kg	710	110	250
1,1-Dichloroethene	ND		ug/kg	360	93.	250
trans-1,2-Dichloroethene	ND		ug/kg	540	76.	250
Trichloroethene	ND		ug/kg	360	44.	250
1,2-Dichlorobenzene	ND		ug/kg	1800	55.	250
1,3-Dichlorobenzene	ND		ug/kg	1800	48.	250
1,4-Dichlorobenzene	ND		ug/kg	1800	49.	250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-04 D

Date Collected: 06/29/16 08:40

Client ID: P3-1 (12-16)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	710	30.	250
p/m-Xylene	20000		ug/kg	710	70.	250
o-Xylene	530	J	ug/kg	710	61.	250
cis-1,2-Dichloroethene	ND		ug/kg	360	51.	250
Styrene	ND		ug/kg	710	140	250
Dichlorodifluoromethane	ND		ug/kg	3600	68.	250
Acetone	ND		ug/kg	3600	370	250
Carbon disulfide	ND		ug/kg	3600	390	250
2-Butanone	ND		ug/kg	3600	97.	250
4-Methyl-2-pentanone	ND		ug/kg	3600	87.	250
2-Hexanone	ND		ug/kg	3600	240	250
Bromochloromethane	ND		ug/kg	1800	98.	250
1,2-Dibromoethane	ND		ug/kg	1400	62.	250
n-Butylbenzene	1900		ug/kg	360	41.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	1800	140	250
Isopropylbenzene	1800		ug/kg	360	37.	250
n-Propylbenzene	4700		ug/kg	360	39.	250
1,2,3-Trichlorobenzene	ND		ug/kg	1800	53.	250
1,2,4-Trichlorobenzene	ND		ug/kg	1800	65.	250
1,3,5-Trimethylbenzene	10000		ug/kg	1800	51.	250
1,2,4-Trimethylbenzene	42000		ug/kg	1800	50.	250
Methyl Acetate	ND		ug/kg	7100	96.	250
Cyclohexane	29000		ug/kg	7100	52.	250
1,4-Dioxane	ND		ug/kg	36000	5100	250
Freon-113	ND		ug/kg	7100	98.	250
Methyl cyclohexane	60000		ug/kg	1400	55.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-04 D
 Client ID: P3-1 (12-16)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	200000	J	ug/kg			250
Pentane, 2-methyl-	25000	NJ	ug/kg			250
Cyclopentane, Methyl-	21000	NJ	ug/kg			250
Unknown Alkane	30000	J	ug/kg			250
Heptane, 2-methyl-	19000	NJ	ug/kg			250
Unknown	19000	J	ug/kg			250
Unknown	19000	J	ug/kg			250
Unknown Benzene	14000	J	ug/kg			250
Unknown Aromatic	16000	J	ug/kg			250
Unknown Aromatic	19000	J	ug/kg			250
Unknown	15000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	71		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	80		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-05
Client ID: P3-9 (0-4)
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/12/16 05:39
Analyst: PK
Percent Solids: 79%

Date Collected: 06/29/16 08:55
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	3.0		ug/kg	1.1	0.13	1
Toluene	0.87	J	ug/kg	1.7	0.22	1
Ethylbenzene	2.3		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.3	0.38	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.16	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-05
Client ID: P3-9 (0-4)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	3.8		ug/kg	2.3	0.22	1
o-Xylene	0.64	J	ug/kg	2.3	0.19	1
cis-1,2-Dichloroethene	0.30	J	ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.3	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	44		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
n-Butylbenzene	0.77	J	ug/kg	1.1	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.45	1
Isopropylbenzene	3.3		ug/kg	1.1	0.12	1
n-Propylbenzene	1.5		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
1,3,5-Trimethylbenzene	1.6	J	ug/kg	5.6	0.16	1
1,2,4-Trimethylbenzene	5.2	J	ug/kg	5.6	0.16	1
Methyl Acetate	ND		ug/kg	23	0.30	1
Cyclohexane	3.7	J	ug/kg	23	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	23	0.31	1
Methyl cyclohexane	10		ug/kg	4.5	0.17	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-05
 Client ID: P3-9 (0-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	440	J	ug/kg			1
Unknown Benzene	38	J	ug/kg			1
Unknown	42	J	ug/kg			1
Unknown Benzene	21	J	ug/kg			1
Unknown	25	J	ug/kg			1
Unknown	30	J	ug/kg			1
Unknown	35	J	ug/kg			1
Tetradecane	73	NJ	ug/kg			1
Unknown Alkane	34	J	ug/kg			1
Unknown	44	J	ug/kg			1
Unknown	100	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	71		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	84		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-06 D
 Client ID: P3-9 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 06:04
 Analyst: PK
 Percent Solids: 48%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4200	470	250
1,1-Dichloroethane	ND		ug/kg	640	36.	250
Chloroform	ND		ug/kg	640	160	250
Carbon tetrachloride	ND		ug/kg	420	89.	250
1,2-Dichloropropane	ND		ug/kg	1500	97.	250
Dibromochloromethane	ND		ug/kg	420	65.	250
1,1,2-Trichloroethane	ND		ug/kg	640	130	250
Tetrachloroethene	ND		ug/kg	420	60.	250
Chlorobenzene	ND		ug/kg	420	150	250
Trichlorofluoromethane	ND		ug/kg	2100	160	250
1,2-Dichloroethane	ND		ug/kg	420	48.	250
1,1,1-Trichloroethane	ND		ug/kg	420	47.	250
Bromodichloromethane	ND		ug/kg	420	74.	250
trans-1,3-Dichloropropene	ND		ug/kg	420	51.	250
cis-1,3-Dichloropropene	ND		ug/kg	420	50.	250
Bromoform	ND		ug/kg	1700	100	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	420	43.	250
Benzene	660		ug/kg	420	50.	250
Toluene	280	J	ug/kg	640	83.	250
Ethylbenzene	16000		ug/kg	420	54.	250
Chloromethane	320	J	ug/kg	2100	120	250
Bromomethane	ND		ug/kg	850	140	250
Vinyl chloride	ND		ug/kg	850	50.	250
Chloroethane	ND		ug/kg	850	130	250
1,1-Dichloroethene	ND		ug/kg	420	110	250
trans-1,2-Dichloroethene	ND		ug/kg	640	90.	250
Trichloroethene	ND		ug/kg	420	53.	250
1,2-Dichlorobenzene	ND		ug/kg	2100	65.	250
1,3-Dichlorobenzene	ND		ug/kg	2100	57.	250
1,4-Dichlorobenzene	ND		ug/kg	2100	59.	250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-06 D

Date Collected: 06/29/16 08:55

Client ID: P3-9 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	850	36.	250
p/m-Xylene	20000		ug/kg	850	84.	250
o-Xylene	510	J	ug/kg	850	73.	250
cis-1,2-Dichloroethene	ND		ug/kg	420	61.	250
Styrene	ND		ug/kg	850	170	250
Dichlorodifluoromethane	ND		ug/kg	4200	81.	250
Acetone	ND		ug/kg	4200	440	250
Carbon disulfide	ND		ug/kg	4200	470	250
2-Butanone	ND		ug/kg	4200	120	250
4-Methyl-2-pentanone	ND		ug/kg	4200	100	250
2-Hexanone	ND		ug/kg	4200	280	250
Bromochloromethane	ND		ug/kg	2100	120	250
1,2-Dibromoethane	ND		ug/kg	1700	74.	250
n-Butylbenzene	3200		ug/kg	420	49.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	2100	170	250
Isopropylbenzene	3100		ug/kg	420	44.	250
n-Propylbenzene	8000		ug/kg	420	46.	250
1,2,3-Trichlorobenzene	ND		ug/kg	2100	63.	250
1,2,4-Trichlorobenzene	ND		ug/kg	2100	77.	250
1,3,5-Trimethylbenzene	8700		ug/kg	2100	61.	250
1,2,4-Trimethylbenzene	73000		ug/kg	2100	60.	250
Methyl Acetate	ND		ug/kg	8500	110	250
Cyclohexane	26000		ug/kg	8500	62.	250
1,4-Dioxane	ND		ug/kg	42000	6100	250
Freon-113	ND		ug/kg	8500	120	250
Methyl cyclohexane	58000		ug/kg	1700	66.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-06 D
 Client ID: P3-9 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	210000	J	ug/kg			250
Pentane, 2-methyl-	17000	NJ	ug/kg			250
Cyclopentane, Methyl-	19000	NJ	ug/kg			250
Unknown Alkane	24000	J	ug/kg			250
Heptane, 2-methyl-	16000	NJ	ug/kg			250
Unknown Cyclohexane	18000	J	ug/kg			250
Unknown	27000	J	ug/kg			250
Unknown Benzene	22000	J	ug/kg			250
Unknown Benzene	18000	J	ug/kg			250
Unknown Benzene	22000	J	ug/kg			250
Unknown Aromatic	27000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	70		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	80		70-130

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-07 D
 Client ID: P3-9 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/13/16 12:05
 Analyst: MV
 Percent Solids: 57%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	780	87.	50
1,1-Dichloroethane	ND		ug/kg	120	6.7	50
Chloroform	ND		ug/kg	120	29.	50
Carbon tetrachloride	ND		ug/kg	78	16.	50
1,2-Dichloropropane	ND		ug/kg	280	18.	50
Dibromochloromethane	ND		ug/kg	78	12.	50
1,1,2-Trichloroethane	ND		ug/kg	120	24.	50
Tetrachloroethene	ND		ug/kg	78	11.	50
Chlorobenzene	ND		ug/kg	78	27.	50
Trichlorofluoromethane	ND		ug/kg	390	30.	50
1,2-Dichloroethane	ND		ug/kg	78	8.9	50
1,1,1-Trichloroethane	ND		ug/kg	78	8.7	50
Bromodichloromethane	ND		ug/kg	78	14.	50
trans-1,3-Dichloropropene	ND		ug/kg	78	9.5	50
cis-1,3-Dichloropropene	ND		ug/kg	78	9.2	50
Bromoform	ND		ug/kg	310	18.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	78	7.9	50
Benzene	ND		ug/kg	78	9.3	50
Toluene	16	J	ug/kg	120	15.	50
Ethylbenzene	62	J	ug/kg	78	10.	50
Chloromethane	ND		ug/kg	390	23.	50
Bromomethane	ND		ug/kg	160	26.	50
Vinyl chloride	ND		ug/kg	160	9.2	50
Chloroethane	ND		ug/kg	160	25.	50
1,1-Dichloroethene	ND		ug/kg	78	20.	50
trans-1,2-Dichloroethene	ND		ug/kg	120	17.	50
Trichloroethene	ND		ug/kg	78	9.8	50
1,2-Dichlorobenzene	ND		ug/kg	390	12.	50
1,3-Dichlorobenzene	ND		ug/kg	390	11.	50
1,4-Dichlorobenzene	ND		ug/kg	390	11.	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-07 D

Date Collected: 06/29/16 08:55

Client ID: P3-9 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	160	6.6	50
p/m-Xylene	56	J	ug/kg	160	16.	50
o-Xylene	ND		ug/kg	160	14.	50
cis-1,2-Dichloroethene	ND		ug/kg	78	11.	50
Styrene	ND		ug/kg	160	32.	50
Dichlorodifluoromethane	ND		ug/kg	780	15.	50
Acetone	ND		ug/kg	780	81.	50
Carbon disulfide	ND		ug/kg	780	87.	50
2-Butanone	ND		ug/kg	780	21.	50
4-Methyl-2-pentanone	ND		ug/kg	780	19.	50
2-Hexanone	ND		ug/kg	780	52.	50
Bromochloromethane	ND		ug/kg	390	22.	50
1,2-Dibromoethane	ND		ug/kg	310	14.	50
n-Butylbenzene	50	J	ug/kg	78	9.0	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	390	31.	50
Isopropylbenzene	58	J	ug/kg	78	8.2	50
n-Propylbenzene	140		ug/kg	78	8.6	50
1,2,3-Trichlorobenzene	ND		ug/kg	390	12.	50
1,2,4-Trichlorobenzene	ND		ug/kg	390	14.	50
1,3,5-Trimethylbenzene	140	J	ug/kg	390	11.	50
1,2,4-Trimethylbenzene	660		ug/kg	390	11.	50
Methyl Acetate	2600		ug/kg	1600	21.	50
Cyclohexane	260	J	ug/kg	1600	11.	50
1,4-Dioxane	ND		ug/kg	7800	1100	50
Freon-113	ND		ug/kg	1600	22.	50
Methyl cyclohexane	800		ug/kg	310	12.	50

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-07 D

Date Collected: 06/29/16 08:55

Client ID: P3-9 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	6900	J	ug/kg			50
Unknown	480	J	ug/kg			50
Unknown	840	J	ug/kg			50
Unknown	1100	J	ug/kg			50
Unknown	450	J	ug/kg			50
Unknown Cyclohexane	640	J	ug/kg			50
Unknown	590	J	ug/kg			50
Unknown Benzene	650	J	ug/kg			50
Unknown	560	J	ug/kg			50
Unknown Benzene	1100	J	ug/kg			50
Unknown Aromatic	460	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	95		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-08
 Client ID: P3-9 (12-16)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 06:56
 Analyst: PK
 Percent Solids: 58%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.60	1
Carbon tetrachloride	ND		ug/kg	1.6	0.34	1
1,2-Dichloropropane	ND		ug/kg	5.7	0.37	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.49	1
Tetrachloroethene	ND		ug/kg	1.6	0.23	1
Chlorobenzene	ND		ug/kg	1.6	0.57	1
Trichlorofluoromethane	ND		ug/kg	8.1	0.63	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
Bromoform	ND		ug/kg	6.5	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	0.24	J	ug/kg	1.6	0.19	1
Toluene	0.32	J	ug/kg	2.4	0.32	1
Ethylbenzene	1.6		ug/kg	1.6	0.21	1
Chloromethane	ND		ug/kg	8.1	0.48	1
Bromomethane	ND		ug/kg	3.2	0.55	1
Vinyl chloride	ND		ug/kg	3.2	0.19	1
Chloroethane	ND		ug/kg	3.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	8.1	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	8.1	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.1	0.22	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-08
Client ID: P3-9 (12-16)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.2	0.14	1
p/m-Xylene	2.0	J	ug/kg	3.2	0.32	1
o-Xylene	ND		ug/kg	3.2	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Styrene	ND		ug/kg	3.2	0.65	1
Dichlorodifluoromethane	ND		ug/kg	16	0.31	1
Acetone	31		ug/kg	16	1.7	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.44	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.40	1
2-Hexanone	ND		ug/kg	16	1.1	1
Bromochloromethane	ND		ug/kg	8.1	0.45	1
1,2-Dibromoethane	ND		ug/kg	6.5	0.28	1
n-Butylbenzene	1.5	J	ug/kg	1.6	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.1	0.64	1
Isopropylbenzene	1.7		ug/kg	1.6	0.17	1
n-Propylbenzene	4.5		ug/kg	1.6	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.1	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.1	0.30	1
1,3,5-Trimethylbenzene	9.8		ug/kg	8.1	0.23	1
1,2,4-Trimethylbenzene	27		ug/kg	8.1	0.23	1
Methyl Acetate	ND		ug/kg	32	0.44	1
Cyclohexane	12	J	ug/kg	32	0.24	1
1,4-Dioxane	ND		ug/kg	160	23.	1
Freon-113	ND		ug/kg	32	0.44	1
Methyl cyclohexane	28		ug/kg	6.5	0.25	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-08
 Client ID: P3-9 (12-16)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	280	J	ug/kg			1
Butane, 2,3-Dimethyl-	77	NJ	ug/kg			1
Pentane, 3-methyl-	18	NJ	ug/kg			1
Unknown	19	J	ug/kg			1
Hexane, 3-methyl-	16	NJ	ug/kg			1
Unknown Alkane	52	J	ug/kg			1
Unknown	21	J	ug/kg			1
Unknown Cyclohexane	29	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown Benzene	21	J	ug/kg			1
Unknown Benzene	15	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	70		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	84		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-09 D
 Client ID: P3-8 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 16:57
 Analyst: MV
 Percent Solids: 61%

Date Collected: 06/29/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3200	350	200
1,1-Dichloroethane	ND		ug/kg	480	27.	200
Chloroform	ND		ug/kg	480	120	200
Carbon tetrachloride	ND		ug/kg	320	67.	200
1,2-Dichloropropane	ND		ug/kg	1100	73.	200
Dibromochloromethane	ND		ug/kg	320	49.	200
1,1,2-Trichloroethane	ND		ug/kg	480	97.	200
Tetrachloroethene	ND		ug/kg	320	45.	200
Chlorobenzene	ND		ug/kg	320	110	200
Trichlorofluoromethane	ND		ug/kg	1600	120	200
1,2-Dichloroethane	ND		ug/kg	320	36.	200
1,1,1-Trichloroethane	ND		ug/kg	320	35.	200
Bromodichloromethane	ND		ug/kg	320	55.	200
trans-1,3-Dichloropropene	ND		ug/kg	320	39.	200
cis-1,3-Dichloropropene	ND		ug/kg	320	38.	200
Bromoform	ND		ug/kg	1300	76.	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	320	32.	200
Benzene	ND		ug/kg	320	38.	200
Toluene	ND		ug/kg	480	62.	200
Ethylbenzene	ND		ug/kg	320	41.	200
Chloromethane	ND		ug/kg	1600	94.	200
Bromomethane	ND		ug/kg	640	110	200
Vinyl chloride	ND		ug/kg	640	38.	200
Chloroethane	ND		ug/kg	640	100	200
1,1-Dichloroethene	ND		ug/kg	320	84.	200
trans-1,2-Dichloroethene	ND		ug/kg	480	68.	200
Trichloroethene	ND		ug/kg	320	40.	200
1,2-Dichlorobenzene	ND		ug/kg	1600	49.	200
1,3-Dichlorobenzene	ND		ug/kg	1600	43.	200
1,4-Dichlorobenzene	ND		ug/kg	1600	44.	200

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-09 D

Date Collected: 06/29/16 09:05

Client ID: P3-8 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	640	27.	200
p/m-Xylene	84	J	ug/kg	640	63.	200
o-Xylene	ND		ug/kg	640	55.	200
cis-1,2-Dichloroethene	ND		ug/kg	320	46.	200
Styrene	ND		ug/kg	640	130	200
Dichlorodifluoromethane	ND		ug/kg	3200	61.	200
Acetone	ND		ug/kg	3200	330	200
Carbon disulfide	ND		ug/kg	3200	350	200
2-Butanone	ND		ug/kg	3200	87.	200
4-Methyl-2-pentanone	ND		ug/kg	3200	78.	200
2-Hexanone	ND		ug/kg	3200	210	200
Bromochloromethane	ND		ug/kg	1600	88.	200
1,2-Dibromoethane	ND		ug/kg	1300	56.	200
n-Butylbenzene	ND		ug/kg	320	37.	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	1600	130	200
Isopropylbenzene	360		ug/kg	320	33.	200
n-Propylbenzene	150	J	ug/kg	320	35.	200
1,2,3-Trichlorobenzene	ND		ug/kg	1600	47.	200
1,2,4-Trichlorobenzene	ND		ug/kg	1600	58.	200
1,3,5-Trimethylbenzene	ND		ug/kg	1600	46.	200
1,2,4-Trimethylbenzene	ND		ug/kg	1600	45.	200
Methyl Acetate	ND		ug/kg	6400	86.	200
Cyclohexane	ND		ug/kg	6400	47.	200
1,4-Dioxane	ND		ug/kg	32000	4600	200
Freon-113	ND		ug/kg	6400	88.	200
Methyl cyclohexane	5700		ug/kg	1300	50.	200

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-09 D

Date Collected: 06/29/16 09:05

Client ID: P3-8 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	150000	J	ug/kg			200
Unknown	43000	J	ug/kg			200
Unknown	14000	J	ug/kg			200
Pentane, 2,3,4-trimethyl-	20000	NJ	ug/kg			200
Unknown Alkane	20000	J	ug/kg			200
Unknown	17000	J	ug/kg			200
Unknown Cyclohexane	7000	J	ug/kg			200
Unknown	7600	J	ug/kg			200
Unknown	6600	J	ug/kg			200
Unknown	8200	J	ug/kg			200
Unknown	6400	J	ug/kg			200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-10 D
 Client ID: P3-7 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 17:23
 Analyst: MV
 Percent Solids: 62%

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Methylene chloride	ND		ug/kg	1500	170	100
1,1-Dichloroethane	ND		ug/kg	230	13.	100
Chloroform	ND		ug/kg	230	57.	100
Carbon tetrachloride	ND		ug/kg	150	32.	100
1,2-Dichloropropane	ND		ug/kg	540	35.	100
Dibromochloromethane	ND		ug/kg	150	24.	100
1,1,2-Trichloroethane	ND		ug/kg	230	47.	100
Tetrachloroethene	ND		ug/kg	150	22.	100
Chlorobenzene	ND		ug/kg	150	54.	100
Trichlorofluoromethane	ND		ug/kg	770	60.	100
1,2-Dichloroethane	ND		ug/kg	150	18.	100
1,1,1-Trichloroethane	ND		ug/kg	150	17.	100
Bromodichloromethane	ND		ug/kg	150	27.	100
trans-1,3-Dichloropropene	ND		ug/kg	150	19.	100
cis-1,3-Dichloropropene	ND		ug/kg	150	18.	100
Bromoform	ND		ug/kg	620	36.	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	16.	100
Benzene	ND		ug/kg	150	18.	100
Toluene	32	J	ug/kg	230	30.	100
Ethylbenzene	690		ug/kg	150	20.	100
Chloromethane	ND		ug/kg	770	45.	100
Bromomethane	ND		ug/kg	310	52.	100
Vinyl chloride	ND		ug/kg	310	18.	100
Chloroethane	ND		ug/kg	310	49.	100
1,1-Dichloroethene	ND		ug/kg	150	40.	100
trans-1,2-Dichloroethene	ND		ug/kg	230	33.	100
Trichloroethene	ND		ug/kg	150	19.	100
1,2-Dichlorobenzene	ND		ug/kg	770	24.	100
1,3-Dichlorobenzene	ND		ug/kg	770	21.	100
1,4-Dichlorobenzene	ND		ug/kg	770	21.	100

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-10 D

Date Collected: 06/29/16 09:15

Client ID: P3-7 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	310	13.	100
p/m-Xylene	1400		ug/kg	310	30.	100
o-Xylene	190	J	ug/kg	310	26.	100
cis-1,2-Dichloroethene	ND		ug/kg	150	22.	100
Styrene	ND		ug/kg	310	62.	100
Dichlorodifluoromethane	ND		ug/kg	1500	29.	100
Acetone	ND		ug/kg	1500	160	100
Carbon disulfide	ND		ug/kg	1500	170	100
2-Butanone	ND		ug/kg	1500	42.	100
4-Methyl-2-pentanone	ND		ug/kg	1500	38.	100
2-Hexanone	ND		ug/kg	1500	100	100
Bromochloromethane	ND		ug/kg	770	42.	100
1,2-Dibromoethane	ND		ug/kg	620	27.	100
n-Butylbenzene	250		ug/kg	150	18.	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	770	61.	100
Isopropylbenzene	550		ug/kg	150	16.	100
n-Propylbenzene	860		ug/kg	150	17.	100
1,2,3-Trichlorobenzene	ND		ug/kg	770	23.	100
1,2,4-Trichlorobenzene	ND		ug/kg	770	28.	100
1,3,5-Trimethylbenzene	ND		ug/kg	770	22.	100
1,2,4-Trimethylbenzene	23000		ug/kg	770	22.	100
Methyl Acetate	ND		ug/kg	3100	42.	100
Cyclohexane	6200		ug/kg	3100	22.	100
1,4-Dioxane	ND		ug/kg	15000	2200	100
Freon-113	ND		ug/kg	3100	42.	100
Methyl cyclohexane	26000		ug/kg	620	24.	100

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-10 D

Date Collected: 06/29/16 09:15

Client ID: P3-7 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	270000	J	ug/kg			100
Unknown Alkane	22000	J	ug/kg			100
Unknown	18000	J	ug/kg			100
Unknown	19000	J	ug/kg			100
Unknown Benzene	22000	J	ug/kg			100
Unknown Benzene	32000	J	ug/kg			100
Unknown Aromatic	29000	J	ug/kg			100
Unknown Benzene	53000	J	ug/kg			100
Unknown	24000	J	ug/kg			100
Unknown Aromatic	21000	J	ug/kg			100
Unknown	25000	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	98		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-11 D
 Client ID: P3-7 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 17:48
 Analyst: MV
 Percent Solids: 45%

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	20000	2200	1000
1,1-Dichloroethane	ND		ug/kg	3000	170	1000
Chloroform	ND		ug/kg	3000	740	1000
Carbon tetrachloride	ND		ug/kg	2000	420	1000
1,2-Dichloropropane	ND		ug/kg	7000	460	1000
Dibromochloromethane	ND		ug/kg	2000	310	1000
1,1,2-Trichloroethane	ND		ug/kg	3000	610	1000
Tetrachloroethene	ND		ug/kg	2000	280	1000
Chlorobenzene	ND		ug/kg	2000	700	1000
Trichlorofluoromethane	ND		ug/kg	10000	780	1000
1,2-Dichloroethane	ND		ug/kg	2000	230	1000
1,1,1-Trichloroethane	ND		ug/kg	2000	220	1000
Bromodichloromethane	ND		ug/kg	2000	350	1000
trans-1,3-Dichloropropene	ND		ug/kg	2000	240	1000
cis-1,3-Dichloropropene	ND		ug/kg	2000	240	1000
Bromoform	ND		ug/kg	8000	470	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	2000	200	1000
Benzene	ND		ug/kg	2000	240	1000
Toluene	8200		ug/kg	3000	390	1000
Ethylbenzene	70000		ug/kg	2000	260	1000
Chloromethane	ND		ug/kg	10000	590	1000
Bromomethane	ND		ug/kg	4000	680	1000
Vinyl chloride	ND		ug/kg	4000	240	1000
Chloroethane	ND		ug/kg	4000	630	1000
1,1-Dichloroethene	ND		ug/kg	2000	520	1000
trans-1,2-Dichloroethene	ND		ug/kg	3000	420	1000
Trichloroethene	ND		ug/kg	2000	250	1000
1,2-Dichlorobenzene	ND		ug/kg	10000	310	1000
1,3-Dichlorobenzene	ND		ug/kg	10000	270	1000
1,4-Dichlorobenzene	ND		ug/kg	10000	280	1000

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-11 D

Date Collected: 06/29/16 09:15

Client ID: P3-7 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	4000	170	1000
p/m-Xylene	270000		ug/kg	4000	400	1000
o-Xylene	18000		ug/kg	4000	340	1000
cis-1,2-Dichloroethene	ND		ug/kg	2000	280	1000
Styrene	ND		ug/kg	4000	800	1000
Dichlorodifluoromethane	ND		ug/kg	20000	380	1000
Acetone	ND		ug/kg	20000	2100	1000
Carbon disulfide	ND		ug/kg	20000	2200	1000
2-Butanone	ND		ug/kg	20000	540	1000
4-Methyl-2-pentanone	ND		ug/kg	20000	490	1000
2-Hexanone	ND		ug/kg	20000	1300	1000
Bromochloromethane	ND		ug/kg	10000	550	1000
1,2-Dibromoethane	ND		ug/kg	8000	350	1000
n-Butylbenzene	7400		ug/kg	2000	230	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	10000	790	1000
Isopropylbenzene	6900		ug/kg	2000	210	1000
n-Propylbenzene	19000		ug/kg	2000	220	1000
1,2,3-Trichlorobenzene	ND		ug/kg	10000	300	1000
1,2,4-Trichlorobenzene	ND		ug/kg	10000	360	1000
1,3,5-Trimethylbenzene	84000		ug/kg	10000	290	1000
1,2,4-Trimethylbenzene	220000		ug/kg	10000	280	1000
Methyl Acetate	ND		ug/kg	40000	540	1000
Cyclohexane	56000		ug/kg	40000	290	1000
1,4-Dioxane	ND		ug/kg	200000	29000	1000
Freon-113	ND		ug/kg	40000	550	1000
Methyl cyclohexane	130000		ug/kg	8000	310	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-11 D
 Client ID: P3-7 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	520000	J	ug/kg			1000
Unknown	55000	J	ug/kg			1000
Unknown Cycloalkane	56000	J	ug/kg			1000
Unknown	42000	J	ug/kg			1000
Unknown	40000	J	ug/kg			1000
Unknown Benzene	66000	J	ug/kg			1000
Unknown Benzene	54000	J	ug/kg			1000
Unknown Benzene	47000	J	ug/kg			1000
Unknown Benzene	51000	J	ug/kg			1000
Unknown Aromatic	47000	J	ug/kg			1000
Benzene, 2-butenyl-	62000	NJ	ug/kg			1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-12 D
 Client ID: P3-6 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 18:13
 Analyst: MV
 Percent Solids: 63%

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7900	870	500
1,1-Dichloroethane	ND		ug/kg	1200	68.	500
Chloroform	ND		ug/kg	1200	290	500
Carbon tetrachloride	ND		ug/kg	790	170	500
1,2-Dichloropropane	ND		ug/kg	2800	180	500
Dibromochloromethane	ND		ug/kg	790	120	500
1,1,2-Trichloroethane	ND		ug/kg	1200	240	500
Tetrachloroethene	ND		ug/kg	790	110	500
Chlorobenzene	ND		ug/kg	790	280	500
Trichlorofluoromethane	ND		ug/kg	4000	310	500
1,2-Dichloroethane	ND		ug/kg	790	90.	500
1,1,1-Trichloroethane	ND		ug/kg	790	88.	500
Bromodichloromethane	ND		ug/kg	790	140	500
trans-1,3-Dichloropropene	ND		ug/kg	790	96.	500
cis-1,3-Dichloropropene	ND		ug/kg	790	93.	500
Bromoform	ND		ug/kg	3200	190	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	790	80.	500
Benzene	ND		ug/kg	790	93.	500
Toluene	410	J	ug/kg	1200	150	500
Ethylbenzene	19000		ug/kg	790	100	500
Chloromethane	ND		ug/kg	4000	230	500
Bromomethane	ND		ug/kg	1600	270	500
Vinyl chloride	ND		ug/kg	1600	93.	500
Chloroethane	ND		ug/kg	1600	250	500
1,1-Dichloroethene	ND		ug/kg	790	210	500
trans-1,2-Dichloroethene	ND		ug/kg	1200	170	500
Trichloroethene	ND		ug/kg	790	99.	500
1,2-Dichlorobenzene	ND		ug/kg	4000	120	500
1,3-Dichlorobenzene	ND		ug/kg	4000	110	500
1,4-Dichlorobenzene	ND		ug/kg	4000	110	500

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-12 D

Date Collected: 06/29/16 09:20

Client ID: P3-6 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1600	67.	500
p/m-Xylene	30000		ug/kg	1600	160	500
o-Xylene	3200		ug/kg	1600	140	500
cis-1,2-Dichloroethene	ND		ug/kg	790	110	500
Styrene	ND		ug/kg	1600	320	500
Dichlorodifluoromethane	ND		ug/kg	7900	150	500
Acetone	ND		ug/kg	7900	820	500
Carbon disulfide	ND		ug/kg	7900	870	500
2-Butanone	ND		ug/kg	7900	220	500
4-Methyl-2-pentanone	ND		ug/kg	7900	190	500
2-Hexanone	ND		ug/kg	7900	530	500
Bromochloromethane	ND		ug/kg	4000	220	500
1,2-Dibromoethane	ND		ug/kg	3200	140	500
n-Butylbenzene	5300		ug/kg	790	91.	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	4000	310	500
Isopropylbenzene	3100		ug/kg	790	82.	500
n-Propylbenzene	8700		ug/kg	790	86.	500
1,2,3-Trichlorobenzene	ND		ug/kg	4000	120	500
1,2,4-Trichlorobenzene	ND		ug/kg	4000	140	500
1,3,5-Trimethylbenzene	6400		ug/kg	4000	110	500
1,2,4-Trimethylbenzene	96000		ug/kg	4000	110	500
Methyl Acetate	ND		ug/kg	16000	210	500
Cyclohexane	34000		ug/kg	16000	120	500
1,4-Dioxane	ND		ug/kg	79000	11000	500
Freon-113	ND		ug/kg	16000	220	500
Methyl cyclohexane	110000		ug/kg	3200	120	500

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-12 D
 Client ID: P3-6 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	650000	J	ug/kg			500
Unknown Alkane	66000	J	ug/kg			500
Unknown	54000	J	ug/kg			500
Unknown	50000	J	ug/kg			500
Unknown Benzene	51000	J	ug/kg			500
Unknown Benzene	58000	J	ug/kg			500
Unknown Aromatic	57000	J	ug/kg			500
Unknown Benzene	110000	J	ug/kg			500
Unknown Benzene	58000	J	ug/kg			500
Unknown Aromatic	78000	J	ug/kg			500
Unknown Aromatic	64000	J	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-13 D
 Client ID: P3-6 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 18:39
 Analyst: MV
 Percent Solids: 46%

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11000	1200	500
1,1-Dichloroethane	ND		ug/kg	1600	94.	500
Chloroform	ND		ug/kg	1600	400	500
Carbon tetrachloride	ND		ug/kg	1100	230	500
1,2-Dichloropropane	ND		ug/kg	3800	250	500
Dibromochloromethane	ND		ug/kg	1100	170	500
1,1,2-Trichloroethane	ND		ug/kg	1600	330	500
Tetrachloroethene	ND		ug/kg	1100	150	500
Chlorobenzene	ND		ug/kg	1100	380	500
Trichlorofluoromethane	ND		ug/kg	5500	420	500
1,2-Dichloroethane	ND		ug/kg	1100	120	500
1,1,1-Trichloroethane	ND		ug/kg	1100	120	500
Bromodichloromethane	ND		ug/kg	1100	190	500
trans-1,3-Dichloropropene	ND		ug/kg	1100	130	500
cis-1,3-Dichloropropene	ND		ug/kg	1100	130	500
Bromoform	ND		ug/kg	4400	260	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	1100	110	500
Benzene	ND		ug/kg	1100	130	500
Toluene	2200		ug/kg	1600	210	500
Ethylbenzene	41000		ug/kg	1100	140	500
Chloromethane	ND		ug/kg	5500	320	500
Bromomethane	ND		ug/kg	2200	370	500
Vinyl chloride	ND		ug/kg	2200	130	500
Chloroethane	ND		ug/kg	2200	350	500
1,1-Dichloroethene	ND		ug/kg	1100	290	500
trans-1,2-Dichloroethene	ND		ug/kg	1600	230	500
Trichloroethene	ND		ug/kg	1100	140	500
1,2-Dichlorobenzene	ND		ug/kg	5500	170	500
1,3-Dichlorobenzene	ND		ug/kg	5500	150	500
1,4-Dichlorobenzene	ND		ug/kg	5500	150	500

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-13 D

Date Collected: 06/29/16 09:20

Client ID: P3-6 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2200	92.	500
p/m-Xylene	120000		ug/kg	2200	220	500
o-Xylene	8900		ug/kg	2200	190	500
cis-1,2-Dichloroethene	ND		ug/kg	1100	160	500
Styrene	ND		ug/kg	2200	440	500
Dichlorodifluoromethane	ND		ug/kg	11000	210	500
Acetone	ND		ug/kg	11000	1100	500
Carbon disulfide	ND		ug/kg	11000	1200	500
2-Butanone	ND		ug/kg	11000	300	500
4-Methyl-2-pentanone	ND		ug/kg	11000	270	500
2-Hexanone	ND		ug/kg	11000	730	500
Bromochloromethane	ND		ug/kg	5500	300	500
1,2-Dibromoethane	ND		ug/kg	4400	190	500
n-Butylbenzene	5800		ug/kg	1100	120	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	5500	430	500
Isopropylbenzene	4800		ug/kg	1100	110	500
n-Propylbenzene	13000		ug/kg	1100	120	500
1,2,3-Trichlorobenzene	ND		ug/kg	5500	160	500
1,2,4-Trichlorobenzene	ND		ug/kg	5500	200	500
1,3,5-Trimethylbenzene	59000		ug/kg	5500	160	500
1,2,4-Trimethylbenzene	150000		ug/kg	5500	160	500
Methyl Acetate	ND		ug/kg	22000	300	500
Cyclohexane	40000		ug/kg	22000	160	500
1,4-Dioxane	ND		ug/kg	110000	16000	500
Freon-113	ND		ug/kg	22000	300	500
Methyl cyclohexane	99000		ug/kg	4400	170	500

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-13 D
 Client ID: P3-6 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	410000	J	ug/kg			500
Pentane, 2-methyl-	39000	NJ	ug/kg			500
Unknown Cycloalkane	40000	J	ug/kg			500
Unknown Alkane	34000	J	ug/kg			500
Unknown Cyclohexane	32000	J	ug/kg			500
Unknown Benzene	48000	J	ug/kg			500
Unknown Benzene	42000	J	ug/kg			500
Unknown Benzene	42000	J	ug/kg			500
Unknown Benzene	42000	J	ug/kg			500
Unknown Benzene	39000	J	ug/kg			500
Unknown Aromatic	50000	J	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	99		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-14 D
 Client ID: P3-5 (6-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 19:04
 Analyst: MV
 Percent Solids: 56%

Date Collected: 06/29/16 09:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3900	430	250
1,1-Dichloroethane	ND		ug/kg	580	33.	250
Chloroform	ND		ug/kg	580	140	250
Carbon tetrachloride	ND		ug/kg	390	81.	250
1,2-Dichloropropane	ND		ug/kg	1400	88.	250
Dibromochloromethane	ND		ug/kg	390	59.	250
1,1,2-Trichloroethane	ND		ug/kg	580	120	250
Tetrachloroethene	ND		ug/kg	390	54.	250
Chlorobenzene	ND		ug/kg	390	130	250
Trichlorofluoromethane	ND		ug/kg	1900	150	250
1,2-Dichloroethane	ND		ug/kg	390	44.	250
1,1,1-Trichloroethane	ND		ug/kg	390	43.	250
Bromodichloromethane	ND		ug/kg	390	67.	250
trans-1,3-Dichloropropene	ND		ug/kg	390	47.	250
cis-1,3-Dichloropropene	ND		ug/kg	390	45.	250
Bromoform	ND		ug/kg	1500	91.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	390	39.	250
Benzene	1600		ug/kg	390	46.	250
Toluene	8800		ug/kg	580	75.	250
Ethylbenzene	9700		ug/kg	390	49.	250
Chloromethane	ND		ug/kg	1900	110	250
Bromomethane	ND		ug/kg	770	130	250
Vinyl chloride	ND		ug/kg	770	45.	250
Chloroethane	ND		ug/kg	770	120	250
1,1-Dichloroethene	ND		ug/kg	390	100	250
trans-1,2-Dichloroethene	ND		ug/kg	580	82.	250
Trichloroethene	ND		ug/kg	390	48.	250
1,2-Dichlorobenzene	ND		ug/kg	1900	59.	250
1,3-Dichlorobenzene	ND		ug/kg	1900	52.	250
1,4-Dichlorobenzene	ND		ug/kg	1900	53.	250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-14 D

Date Collected: 06/29/16 09:35

Client ID: P3-5 (6-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	770	32.	250
p/m-Xylene	67000		ug/kg	770	76.	250
o-Xylene	26000		ug/kg	770	66.	250
cis-1,2-Dichloroethene	ND		ug/kg	390	55.	250
Styrene	ND		ug/kg	770	160	250
Dichlorodifluoromethane	ND		ug/kg	3900	74.	250
Acetone	ND		ug/kg	3900	400	250
Carbon disulfide	ND		ug/kg	3900	420	250
2-Butanone	ND		ug/kg	3900	100	250
4-Methyl-2-pentanone	ND		ug/kg	3900	94.	250
2-Hexanone	ND		ug/kg	3900	260	250
Bromochloromethane	ND		ug/kg	1900	110	250
1,2-Dibromoethane	ND		ug/kg	1500	67.	250
n-Butylbenzene	ND		ug/kg	390	44.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	1900	150	250
Isopropylbenzene	1400		ug/kg	390	40.	250
n-Propylbenzene	3400		ug/kg	390	42.	250
1,2,3-Trichlorobenzene	ND		ug/kg	1900	57.	250
1,2,4-Trichlorobenzene	ND		ug/kg	1900	70.	250
1,3,5-Trimethylbenzene	23000		ug/kg	1900	55.	250
1,2,4-Trimethylbenzene	53000		ug/kg	1900	55.	250
Methyl Acetate	ND		ug/kg	7700	100	250
Cyclohexane	10000		ug/kg	7700	56.	250
1,4-Dioxane	ND		ug/kg	39000	5600	250
Freon-113	ND		ug/kg	7700	100	250
Methyl cyclohexane	31000		ug/kg	1500	60.	250

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-14 D

Date Collected: 06/29/16 09:35

Client ID: P3-5 (6-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	170000	J	ug/kg			250
Unknown	12000	J	ug/kg			250
Unknown	14000	J	ug/kg			250
Unknown Benzene	16000	J	ug/kg			250
Unknown Benzene	22000	J	ug/kg			250
Unknown	18000	J	ug/kg			250
Unknown Benzene	17000	J	ug/kg			250
Unknown Benzene	15000	J	ug/kg			250
Unknown Benzene	18000	J	ug/kg			250
Unknown Benzene	16000	J	ug/kg			250
Unknown Benzene	22000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-15 D
 Client ID: P3-4 (6-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 19:30
 Analyst: MV
 Percent Solids: 49%

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4000	450	200
1,1-Dichloroethane	ND		ug/kg	610	35.	200
Chloroform	ND		ug/kg	610	150	200
Carbon tetrachloride	ND		ug/kg	400	85.	200
1,2-Dichloropropane	ND		ug/kg	1400	92.	200
Dibromochloromethane	ND		ug/kg	400	62.	200
1,1,2-Trichloroethane	ND		ug/kg	610	120	200
Tetrachloroethene	ND		ug/kg	400	57.	200
Chlorobenzene	ND		ug/kg	400	140	200
Trichlorofluoromethane	ND		ug/kg	2000	160	200
1,2-Dichloroethane	ND		ug/kg	400	46.	200
1,1,1-Trichloroethane	ND		ug/kg	400	45.	200
Bromodichloromethane	ND		ug/kg	400	70.	200
trans-1,3-Dichloropropene	ND		ug/kg	400	49.	200
cis-1,3-Dichloropropene	ND		ug/kg	400	48.	200
Bromoform	ND		ug/kg	1600	96.	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	400	41.	200
Benzene	ND		ug/kg	400	48.	200
Toluene	ND		ug/kg	610	79.	200
Ethylbenzene	3100		ug/kg	400	52.	200
Chloromethane	ND		ug/kg	2000	120	200
Bromomethane	ND		ug/kg	810	140	200
Vinyl chloride	ND		ug/kg	810	48.	200
Chloroethane	ND		ug/kg	810	130	200
1,1-Dichloroethene	ND		ug/kg	400	110	200
trans-1,2-Dichloroethene	ND		ug/kg	610	86.	200
Trichloroethene	ND		ug/kg	400	51.	200
1,2-Dichlorobenzene	ND		ug/kg	2000	62.	200
1,3-Dichlorobenzene	ND		ug/kg	2000	55.	200
1,4-Dichlorobenzene	ND		ug/kg	2000	56.	200

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-15 D

Date Collected: 06/29/16 10:45

Client ID: P3-4 (6-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	810	34.	200
p/m-Xylene	8000		ug/kg	810	80.	200
o-Xylene	180	J	ug/kg	810	70.	200
cis-1,2-Dichloroethene	ND		ug/kg	400	58.	200
Styrene	ND		ug/kg	810	160	200
Dichlorodifluoromethane	ND		ug/kg	4000	77.	200
Acetone	ND		ug/kg	4000	420	200
Carbon disulfide	ND		ug/kg	4000	450	200
2-Butanone	ND		ug/kg	4000	110	200
4-Methyl-2-pentanone	ND		ug/kg	4000	99.	200
2-Hexanone	ND		ug/kg	4000	270	200
Bromochloromethane	ND		ug/kg	2000	110	200
1,2-Dibromoethane	ND		ug/kg	1600	71.	200
n-Butylbenzene	ND		ug/kg	400	46.	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	2000	160	200
Isopropylbenzene	1400		ug/kg	400	42.	200
n-Propylbenzene	3200		ug/kg	400	44.	200
1,2,3-Trichlorobenzene	ND		ug/kg	2000	60.	200
1,2,4-Trichlorobenzene	ND		ug/kg	2000	74.	200
1,3,5-Trimethylbenzene	18000		ug/kg	2000	58.	200
1,2,4-Trimethylbenzene	56000		ug/kg	2000	57.	200
Methyl Acetate	ND		ug/kg	8100	110	200
Cyclohexane	7600	J	ug/kg	8100	59.	200
1,4-Dioxane	ND		ug/kg	40000	5800	200
Freon-113	ND		ug/kg	8100	110	200
Methyl cyclohexane	34000		ug/kg	1600	62.	200

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-15 D

Date Collected: 06/29/16 10:45

Client ID: P3-4 (6-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	290000	J	ug/kg			200
Unknown Cyclohexane	20000	J	ug/kg			200
Unknown Benzene	24000	J	ug/kg			200
Unknown Benzene	33000	J	ug/kg			200
Unknown Benzene	31000	J	ug/kg			200
3-Phenylbut-1-ene	27000	NJ	ug/kg			200
Unknown Benzene	39000	J	ug/kg			200
Unknown Benzene	28000	J	ug/kg			200
Indan, 1-methyl-	49000	NJ	ug/kg			200
Unknown Aromatic	22000	J	ug/kg			200
Benzene, (2-methyl-1-butenyl)-	20000	NJ	ug/kg			200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-16 D
 Client ID: P3-4 (10-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 19:56
 Analyst: MV
 Percent Solids: 43%

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5800	640	250
1,1-Dichloroethane	ND		ug/kg	870	50.	250
Chloroform	ND		ug/kg	870	210	250
Carbon tetrachloride	ND		ug/kg	580	120	250
1,2-Dichloropropane	ND		ug/kg	2000	130	250
Dibromochloromethane	ND		ug/kg	580	89.	250
1,1,2-Trichloroethane	ND		ug/kg	870	180	250
Tetrachloroethene	ND		ug/kg	580	81.	250
Chlorobenzene	ND		ug/kg	580	200	250
Trichlorofluoromethane	ND		ug/kg	2900	220	250
1,2-Dichloroethane	ND		ug/kg	580	66.	250
1,1,1-Trichloroethane	ND		ug/kg	580	64.	250
Bromodichloromethane	ND		ug/kg	580	100	250
trans-1,3-Dichloropropene	ND		ug/kg	580	70.	250
cis-1,3-Dichloropropene	ND		ug/kg	580	68.	250
Bromoform	ND		ug/kg	2300	140	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	580	58.	250
Benzene	150	J	ug/kg	580	68.	250
Toluene	ND		ug/kg	870	110	250
Ethylbenzene	4600		ug/kg	580	74.	250
Chloromethane	ND		ug/kg	2900	170	250
Bromomethane	ND		ug/kg	1200	200	250
Vinyl chloride	ND		ug/kg	1200	68.	250
Chloroethane	ND		ug/kg	1200	180	250
1,1-Dichloroethene	ND		ug/kg	580	150	250
trans-1,2-Dichloroethene	ND		ug/kg	870	120	250
Trichloroethene	ND		ug/kg	580	72.	250
1,2-Dichlorobenzene	ND		ug/kg	2900	89.	250
1,3-Dichlorobenzene	ND		ug/kg	2900	78.	250
1,4-Dichlorobenzene	ND		ug/kg	2900	80.	250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-16 D

Date Collected: 06/29/16 10:45

Client ID: P3-4 (10-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1200	49.	250
p/m-Xylene	15000		ug/kg	1200	110	250
o-Xylene	610	J	ug/kg	1200	99.	250
cis-1,2-Dichloroethene	ND		ug/kg	580	83.	250
Styrene	ND		ug/kg	1200	230	250
Dichlorodifluoromethane	ND		ug/kg	5800	110	250
Acetone	ND		ug/kg	5800	600	250
Carbon disulfide	ND		ug/kg	5800	640	250
2-Butanone	ND		ug/kg	5800	160	250
4-Methyl-2-pentanone	ND		ug/kg	5800	140	250
2-Hexanone	ND		ug/kg	5800	380	250
Bromochloromethane	ND		ug/kg	2900	160	250
1,2-Dibromoethane	ND		ug/kg	2300	100	250
n-Butylbenzene	1700		ug/kg	580	66.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	2900	230	250
Isopropylbenzene	1600		ug/kg	580	60.	250
n-Propylbenzene	3400		ug/kg	580	63.	250
1,2,3-Trichlorobenzene	ND		ug/kg	2900	85.	250
1,2,4-Trichlorobenzene	ND		ug/kg	2900	100	250
1,3,5-Trimethylbenzene	4000		ug/kg	2900	83.	250
1,2,4-Trimethylbenzene	50000		ug/kg	2900	82.	250
Methyl Acetate	ND		ug/kg	12000	160	250
Cyclohexane	8300	J	ug/kg	12000	84.	250
1,4-Dioxane	ND		ug/kg	58000	8300	250
Freon-113	ND		ug/kg	12000	160	250
Methyl cyclohexane	31000		ug/kg	2300	89.	250

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-16 D

Date Collected: 06/29/16 10:45

Client ID: P3-4 (10-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	120000	J	ug/kg			250
Unknown Cyclohexane	11000	J	ug/kg			250
Unknown Benzene	14000	J	ug/kg			250
Unknown	9900	J	ug/kg			250
Unknown Benzene	16000	J	ug/kg			250
Unknown Benzene	14000	J	ug/kg			250
Unknown Aromatic	11000	J	ug/kg			250
Unknown	12000	J	ug/kg			250
Unknown Benzene	10000	J	ug/kg			250
Unknown Aromatic	13000	J	ug/kg			250
Benzene, (2-methyl-1-butenyl)-	8400	NJ	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-17 D
 Client ID: P3-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 20:21
 Analyst: MV
 Percent Solids: 53%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16000	1800	1000
1,1-Dichloroethane	ND		ug/kg	2400	140	1000
Chloroform	ND		ug/kg	2400	600	1000
Carbon tetrachloride	ND		ug/kg	1600	340	1000
1,2-Dichloropropane	ND		ug/kg	5600	370	1000
Dibromochloromethane	ND		ug/kg	1600	250	1000
1,1,2-Trichloroethane	ND		ug/kg	2400	490	1000
Tetrachloroethene	ND		ug/kg	1600	230	1000
Chlorobenzene	ND		ug/kg	1600	560	1000
Trichlorofluoromethane	ND		ug/kg	8100	630	1000
1,2-Dichloroethane	ND		ug/kg	1600	180	1000
1,1,1-Trichloroethane	ND		ug/kg	1600	180	1000
Bromodichloromethane	ND		ug/kg	1600	280	1000
trans-1,3-Dichloropropene	ND		ug/kg	1600	200	1000
cis-1,3-Dichloropropene	ND		ug/kg	1600	190	1000
Bromoform	ND		ug/kg	6400	380	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	1600	160	1000
Benzene	ND		ug/kg	1600	190	1000
Toluene	5100		ug/kg	2400	310	1000
Ethylbenzene	16000		ug/kg	1600	200	1000
Chloromethane	ND		ug/kg	8100	470	1000
Bromomethane	ND		ug/kg	3200	540	1000
Vinyl chloride	ND		ug/kg	3200	190	1000
Chloroethane	ND		ug/kg	3200	510	1000
1,1-Dichloroethene	ND		ug/kg	1600	420	1000
trans-1,2-Dichloroethene	ND		ug/kg	2400	340	1000
Trichloroethene	ND		ug/kg	1600	200	1000
1,2-Dichlorobenzene	ND		ug/kg	8100	250	1000
1,3-Dichlorobenzene	ND		ug/kg	8100	220	1000
1,4-Dichlorobenzene	ND		ug/kg	8100	220	1000

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-17 D

Date Collected: 06/29/16 11:30

Client ID: P3-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3200	140	1000
p/m-Xylene	88000		ug/kg	3200	320	1000
o-Xylene	30000		ug/kg	3200	280	1000
cis-1,2-Dichloroethene	ND		ug/kg	1600	230	1000
Styrene	ND		ug/kg	3200	650	1000
Dichlorodifluoromethane	ND		ug/kg	16000	310	1000
Acetone	ND		ug/kg	16000	1700	1000
Carbon disulfide	ND		ug/kg	16000	1800	1000
2-Butanone	ND		ug/kg	16000	440	1000
4-Methyl-2-pentanone	ND		ug/kg	16000	390	1000
2-Hexanone	ND		ug/kg	16000	1100	1000
Bromochloromethane	ND		ug/kg	8100	440	1000
1,2-Dibromoethane	ND		ug/kg	6400	280	1000
n-Butylbenzene	3500		ug/kg	1600	180	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	8100	640	1000
Isopropylbenzene	3700		ug/kg	1600	170	1000
n-Propylbenzene	8200		ug/kg	1600	180	1000
1,2,3-Trichlorobenzene	ND		ug/kg	8100	240	1000
1,2,4-Trichlorobenzene	ND		ug/kg	8100	290	1000
1,3,5-Trimethylbenzene	44000		ug/kg	8100	230	1000
1,2,4-Trimethylbenzene	120000		ug/kg	8100	230	1000
Methyl Acetate	ND		ug/kg	32000	440	1000
Cyclohexane	28000	J	ug/kg	32000	240	1000
1,4-Dioxane	ND		ug/kg	160000	23000	1000
Freon-113	ND		ug/kg	32000	440	1000
Methyl cyclohexane	83000		ug/kg	6400	250	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-17 D
 Client ID: P3-3 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	280000	J	ug/kg			1000
Unknown Alkane	23000	J	ug/kg			1000
1-Hexene, 4-methyl-	20000	NJ	ug/kg			1000
Unknown Cyclohexane	28000	J	ug/kg			1000
Octane	23000	NJ	ug/kg			1000
Unknown Benzene	30000	J	ug/kg			1000
Unknown Benzene	41000	J	ug/kg			1000
Unknown Benzene	30000	J	ug/kg			1000
Unknown Benzene	25000	J	ug/kg			1000
Unknown Benzene	27000	J	ug/kg			1000
1-Phenyl-1-butene	32000	NJ	ug/kg			1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-18 D
 Client ID: P3-3 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 20:47
 Analyst: MV
 Percent Solids: 49%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	8800	980	500
1,1-Dichloroethane	ND		ug/kg	1300	76.	500
Chloroform	ND		ug/kg	1300	330	500
Carbon tetrachloride	ND		ug/kg	880	180	500
1,2-Dichloropropane	ND		ug/kg	3100	200	500
Dibromochloromethane	ND		ug/kg	880	140	500
1,1,2-Trichloroethane	ND		ug/kg	1300	270	500
Tetrachloroethene	ND		ug/kg	880	120	500
Chlorobenzene	ND		ug/kg	880	310	500
Trichlorofluoromethane	ND		ug/kg	4400	340	500
1,2-Dichloroethane	ND		ug/kg	880	100	500
1,1,1-Trichloroethane	ND		ug/kg	880	98.	500
Bromodichloromethane	ND		ug/kg	880	150	500
trans-1,3-Dichloropropene	ND		ug/kg	880	110	500
cis-1,3-Dichloropropene	ND		ug/kg	880	100	500
Bromoform	ND		ug/kg	3500	210	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	880	89.	500
Benzene	460	J	ug/kg	880	100	500
Toluene	6700		ug/kg	1300	170	500
Ethylbenzene	16000		ug/kg	880	110	500
Chloromethane	ND		ug/kg	4400	260	500
Bromomethane	ND		ug/kg	1800	300	500
Vinyl chloride	ND		ug/kg	1800	100	500
Chloroethane	ND		ug/kg	1800	280	500
1,1-Dichloroethene	ND		ug/kg	880	230	500
trans-1,2-Dichloroethene	ND		ug/kg	1300	190	500
Trichloroethene	ND		ug/kg	880	110	500
1,2-Dichlorobenzene	ND		ug/kg	4400	140	500
1,3-Dichlorobenzene	ND		ug/kg	4400	120	500
1,4-Dichlorobenzene	ND		ug/kg	4400	120	500

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-18 D

Date Collected: 06/29/16 11:30

Client ID: P3-3 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1800	74.	500
p/m-Xylene	48000		ug/kg	1800	170	500
o-Xylene	8200		ug/kg	1800	150	500
cis-1,2-Dichloroethene	ND		ug/kg	880	130	500
Styrene	ND		ug/kg	1800	360	500
Dichlorodifluoromethane	ND		ug/kg	8800	170	500
Acetone	ND		ug/kg	8800	920	500
Carbon disulfide	ND		ug/kg	8800	970	500
2-Butanone	ND		ug/kg	8800	240	500
4-Methyl-2-pentanone	ND		ug/kg	8800	220	500
2-Hexanone	ND		ug/kg	8800	590	500
Bromochloromethane	ND		ug/kg	4400	240	500
1,2-Dibromoethane	ND		ug/kg	3500	150	500
n-Butylbenzene	2200		ug/kg	880	100	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	4400	350	500
Isopropylbenzene	2800		ug/kg	880	92.	500
n-Propylbenzene	5300		ug/kg	880	96.	500
1,2,3-Trichlorobenzene	ND		ug/kg	4400	130	500
1,2,4-Trichlorobenzene	ND		ug/kg	4400	160	500
1,3,5-Trimethylbenzene	16000		ug/kg	4400	130	500
1,2,4-Trimethylbenzene	66000		ug/kg	4400	120	500
Methyl Acetate	ND		ug/kg	18000	240	500
Cyclohexane	28000		ug/kg	18000	130	500
1,4-Dioxane	ND		ug/kg	88000	13000	500
Freon-113	ND		ug/kg	18000	240	500
Methyl cyclohexane	71000		ug/kg	3500	140	500

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-18 D

Date Collected: 06/29/16 11:30

Client ID: P3-3 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	220000	J	ug/kg			500
Pentane, 2-methyl-	22000	NJ	ug/kg			500
Unknown Cycloalkane	24000	J	ug/kg			500
Unknown	21000	J	ug/kg			500
Heptane	17000	NJ	ug/kg			500
Unknown Cyclohexane	26000	J	ug/kg			500
Octane	22000	NJ	ug/kg			500
Unknown Benzene	20000	J	ug/kg			500
Unknown Benzene	21000	J	ug/kg			500
Unknown Benzene	21000	J	ug/kg			500
1-Phenyl-1-butene	22000	NJ	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-19 D
 Client ID: P3-3 (12-14)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 21:12
 Analyst: MV
 Percent Solids: 72%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	700	77.	50
1,1-Dichloroethane	ND		ug/kg	100	6.0	50
Chloroform	ND		ug/kg	100	26.	50
Carbon tetrachloride	ND		ug/kg	70	15.	50
1,2-Dichloropropane	ND		ug/kg	240	16.	50
Dibromochloromethane	ND		ug/kg	70	11.	50
1,1,2-Trichloroethane	ND		ug/kg	100	21.	50
Tetrachloroethene	ND		ug/kg	70	9.8	50
Chlorobenzene	ND		ug/kg	70	24.	50
Trichlorofluoromethane	ND		ug/kg	350	27.	50
1,2-Dichloroethane	ND		ug/kg	70	7.9	50
1,1,1-Trichloroethane	ND		ug/kg	70	7.7	50
Bromodichloromethane	ND		ug/kg	70	12.	50
trans-1,3-Dichloropropene	ND		ug/kg	70	8.4	50
cis-1,3-Dichloropropene	ND		ug/kg	70	8.2	50
Bromoform	ND		ug/kg	280	16.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	70	7.0	50
Benzene	120		ug/kg	70	8.2	50
Toluene	110		ug/kg	100	14.	50
Ethylbenzene	500		ug/kg	70	8.9	50
Chloromethane	ND		ug/kg	350	20.	50
Bromomethane	ND		ug/kg	140	24.	50
Vinyl chloride	ND		ug/kg	140	8.2	50
Chloroethane	ND		ug/kg	140	22.	50
1,1-Dichloroethene	ND		ug/kg	70	18.	50
trans-1,2-Dichloroethene	ND		ug/kg	100	15.	50
Trichloroethene	ND		ug/kg	70	8.7	50
1,2-Dichlorobenzene	ND		ug/kg	350	11.	50
1,3-Dichlorobenzene	ND		ug/kg	350	9.4	50
1,4-Dichlorobenzene	ND		ug/kg	350	9.6	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-19 D

Date Collected: 06/29/16 11:30

Client ID: P3-3 (12-14)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	140	5.9	50
p/m-Xylene	1900		ug/kg	140	14.	50
o-Xylene	280		ug/kg	140	12.	50
cis-1,2-Dichloroethene	ND		ug/kg	70	10.	50
Styrene	ND		ug/kg	140	28.	50
Dichlorodifluoromethane	ND		ug/kg	700	13.	50
Acetone	ND		ug/kg	700	72.	50
Carbon disulfide	ND		ug/kg	700	77.	50
2-Butanone	ND		ug/kg	700	19.	50
4-Methyl-2-pentanone	ND		ug/kg	700	17.	50
2-Hexanone	ND		ug/kg	700	46.	50
Bromochloromethane	ND		ug/kg	350	19.	50
1,2-Dibromoethane	ND		ug/kg	280	12.	50
n-Butylbenzene	160		ug/kg	70	8.0	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	350	28.	50
Isopropylbenzene	120		ug/kg	70	7.2	50
n-Propylbenzene	310		ug/kg	70	7.6	50
1,2,3-Trichlorobenzene	ND		ug/kg	350	10.	50
1,2,4-Trichlorobenzene	ND		ug/kg	350	13.	50
1,3,5-Trimethylbenzene	1000		ug/kg	350	10.	50
1,2,4-Trimethylbenzene	2900		ug/kg	350	9.9	50
Methyl Acetate	1400		ug/kg	1400	19.	50
Cyclohexane	1800		ug/kg	1400	10.	50
1,4-Dioxane	ND		ug/kg	7000	1000	50
Freon-113	ND		ug/kg	1400	19.	50
Methyl cyclohexane	5200		ug/kg	280	11.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-19 D
 Client ID: P3-3 (12-14)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	23000	J	ug/kg			50
Pentane, 2-methyl-	2600	NJ	ug/kg			50
Unknown Cycloalkane	1800	J	ug/kg			50
Unknown Alkane	3700	J	ug/kg			50
Heptane	1700	NJ	ug/kg			50
Heptane, 2-methyl-	1800	NJ	ug/kg			50
Unknown	1300	J	ug/kg			50
Unknown Cyclohexane	2400	J	ug/kg			50
Octane	2100	NJ	ug/kg			50
Octane, 2-methyl-	1400	NJ	ug/kg			50
Unknown	3800	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-20 D
 Client ID: P3-2 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 21:37
 Analyst: MV
 Percent Solids: 43%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3800	420	200
1,1-Dichloroethane	ND		ug/kg	570	32.	200
Chloroform	ND		ug/kg	570	140	200
Carbon tetrachloride	ND		ug/kg	380	79.	200
1,2-Dichloropropane	ND		ug/kg	1300	86.	200
Dibromochloromethane	ND		ug/kg	380	58.	200
1,1,2-Trichloroethane	ND		ug/kg	570	110	200
Tetrachloroethene	ND		ug/kg	380	53.	200
Chlorobenzene	ND		ug/kg	380	130	200
Trichlorofluoromethane	ND		ug/kg	1900	150	200
1,2-Dichloroethane	ND		ug/kg	380	43.	200
1,1,1-Trichloroethane	ND		ug/kg	380	42.	200
Bromodichloromethane	ND		ug/kg	380	65.	200
trans-1,3-Dichloropropene	ND		ug/kg	380	46.	200
cis-1,3-Dichloropropene	ND		ug/kg	380	44.	200
Bromoform	ND		ug/kg	1500	89.	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	380	38.	200
Benzene	ND		ug/kg	380	44.	200
Toluene	ND		ug/kg	570	74.	200
Ethylbenzene	2100		ug/kg	380	48.	200
Chloromethane	ND		ug/kg	1900	110	200
Bromomethane	ND		ug/kg	760	130	200
Vinyl chloride	ND		ug/kg	760	44.	200
Chloroethane	ND		ug/kg	760	120	200
1,1-Dichloroethene	ND		ug/kg	380	99.	200
trans-1,2-Dichloroethene	ND		ug/kg	570	80.	200
Trichloroethene	ND		ug/kg	380	47.	200
1,2-Dichlorobenzene	ND		ug/kg	1900	58.	200
1,3-Dichlorobenzene	ND		ug/kg	1900	51.	200
1,4-Dichlorobenzene	ND		ug/kg	1900	52.	200

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-20 D

Date Collected: 06/29/16 12:00

Client ID: P3-2 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	760	32.	200
p/m-Xylene	5300		ug/kg	760	75.	200
o-Xylene	140	J	ug/kg	760	65.	200
cis-1,2-Dichloroethene	ND		ug/kg	380	54.	200
Styrene	ND		ug/kg	760	150	200
Dichlorodifluoromethane	ND		ug/kg	3800	72.	200
Acetone	ND		ug/kg	3800	390	200
Carbon disulfide	ND		ug/kg	3800	420	200
2-Butanone	ND		ug/kg	3800	100	200
4-Methyl-2-pentanone	ND		ug/kg	3800	92.	200
2-Hexanone	ND		ug/kg	3800	250	200
Bromochloromethane	ND		ug/kg	1900	100	200
1,2-Dibromoethane	ND		ug/kg	1500	66.	200
n-Butylbenzene	950		ug/kg	380	43.	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	1900	150	200
Isopropylbenzene	740		ug/kg	380	39.	200
n-Propylbenzene	1800		ug/kg	380	41.	200
1,2,3-Trichlorobenzene	ND		ug/kg	1900	56.	200
1,2,4-Trichlorobenzene	ND		ug/kg	1900	69.	200
1,3,5-Trimethylbenzene	1700	J	ug/kg	1900	54.	200
1,2,4-Trimethylbenzene	25000		ug/kg	1900	53.	200
Methyl Acetate	ND		ug/kg	7600	100	200
Cyclohexane	2800	J	ug/kg	7600	55.	200
1,4-Dioxane	ND		ug/kg	38000	5400	200
Freon-113	ND		ug/kg	7600	100	200
Methyl cyclohexane	12000		ug/kg	1500	58.	200

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-20 D

Date Collected: 06/29/16 12:00

Client ID: P3-2 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	66000	J	ug/kg			200
Unknown	4100	J	ug/kg			200
Unknown Cyclohexane	5700	J	ug/kg			200
Unknown Benzene	6000	J	ug/kg			200
Benzene, cyclopropyl-	5400	NJ	ug/kg			200
Unknown Benzene	8400	J	ug/kg			200
Unknown Benzene	7500	J	ug/kg			200
Unknown	6400	J	ug/kg			200
Unknown Benzene	9200	J	ug/kg			200
Unknown Benzene	5500	J	ug/kg			200
Unknown Aromatic	7600	J	ug/kg			200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-21 D
 Client ID: P3-2 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 22:03
 Analyst: MV
 Percent Solids: 53%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1900	210	100
1,1-Dichloroethane	ND		ug/kg	280	16.	100
Chloroform	ND		ug/kg	280	70.	100
Carbon tetrachloride	ND		ug/kg	190	40.	100
1,2-Dichloropropane	ND		ug/kg	660	43.	100
Dibromochloromethane	ND		ug/kg	190	29.	100
1,1,2-Trichloroethane	ND		ug/kg	280	57.	100
Tetrachloroethene	ND		ug/kg	190	26.	100
Chlorobenzene	ND		ug/kg	190	66.	100
Trichlorofluoromethane	ND		ug/kg	940	73.	100
1,2-Dichloroethane	ND		ug/kg	190	21.	100
1,1,1-Trichloroethane	ND		ug/kg	190	21.	100
Bromodichloromethane	ND		ug/kg	190	33.	100
trans-1,3-Dichloropropene	ND		ug/kg	190	23.	100
cis-1,3-Dichloropropene	ND		ug/kg	190	22.	100
Bromoform	ND		ug/kg	750	44.	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	19.	100
Benzene	270		ug/kg	190	22.	100
Toluene	300		ug/kg	280	37.	100
Ethylbenzene	8000		ug/kg	190	24.	100
Chloromethane	ND		ug/kg	940	55.	100
Bromomethane	ND		ug/kg	380	64.	100
Vinyl chloride	ND		ug/kg	380	22.	100
Chloroethane	ND		ug/kg	380	60.	100
1,1-Dichloroethene	ND		ug/kg	190	49.	100
trans-1,2-Dichloroethene	ND		ug/kg	280	40.	100
Trichloroethene	ND		ug/kg	190	24.	100
1,2-Dichlorobenzene	ND		ug/kg	940	29.	100
1,3-Dichlorobenzene	ND		ug/kg	940	25.	100
1,4-Dichlorobenzene	ND		ug/kg	940	26.	100

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-21 D

Date Collected: 06/29/16 12:00

Client ID: P3-2 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	380	16.	100
p/m-Xylene	22000		ug/kg	380	37.	100
o-Xylene	500		ug/kg	380	32.	100
cis-1,2-Dichloroethene	ND		ug/kg	190	27.	100
Styrene	ND		ug/kg	380	76.	100
Dichlorodifluoromethane	ND		ug/kg	1900	36.	100
Acetone	ND		ug/kg	1900	200	100
Carbon disulfide	ND		ug/kg	1900	210	100
2-Butanone	ND		ug/kg	1900	51.	100
4-Methyl-2-pentanone	ND		ug/kg	1900	46.	100
2-Hexanone	ND		ug/kg	1900	120	100
Bromochloromethane	ND		ug/kg	940	52.	100
1,2-Dibromoethane	ND		ug/kg	750	33.	100
n-Butylbenzene	1100		ug/kg	190	22.	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	940	75.	100
Isopropylbenzene	1200		ug/kg	190	20.	100
n-Propylbenzene	2900		ug/kg	190	21.	100
1,2,3-Trichlorobenzene	ND		ug/kg	940	28.	100
1,2,4-Trichlorobenzene	ND		ug/kg	940	34.	100
1,3,5-Trimethylbenzene	9000		ug/kg	940	27.	100
1,2,4-Trimethylbenzene	35000		ug/kg	940	27.	100
Methyl Acetate	ND		ug/kg	3800	51.	100
Cyclohexane	12000		ug/kg	3800	28.	100
1,4-Dioxane	ND		ug/kg	19000	2700	100
Freon-113	ND		ug/kg	3800	52.	100
Methyl cyclohexane	28000		ug/kg	750	29.	100

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-21 D
 Client ID: P3-2 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	94000	J	ug/kg			100
Pentane, 2-methyl-	8600	NJ	ug/kg			100
Unknown Cycloalkane	9600	J	ug/kg			100
Unknown Alkane	11000	J	ug/kg			100
Unknown Cyclohexane	9200	J	ug/kg			100
Octane	6400	NJ	ug/kg			100
Unknown	11000	J	ug/kg			100
Unknown Benzene	9000	J	ug/kg			100
Unknown Benzene	9200	J	ug/kg			100
Unknown Benzene	8800	J	ug/kg			100
Unknown Aromatic	11000	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-22 D
 Client ID: P3-10 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 22:28
 Analyst: MV
 Percent Solids: 60%

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	18000	2000	1250
1,1-Dichloroethane	ND		ug/kg	2700	150	1250
Chloroform	ND		ug/kg	2700	670	1250
Carbon tetrachloride	ND		ug/kg	1800	380	1250
1,2-Dichloropropane	ND		ug/kg	6300	410	1250
Dibromochloromethane	ND		ug/kg	1800	280	1250
1,1,2-Trichloroethane	ND		ug/kg	2700	550	1250
Tetrachloroethene	ND		ug/kg	1800	250	1250
Chlorobenzene	ND		ug/kg	1800	630	1250
Trichlorofluoromethane	ND		ug/kg	9000	700	1250
1,2-Dichloroethane	ND		ug/kg	1800	200	1250
1,1,1-Trichloroethane	ND		ug/kg	1800	200	1250
Bromodichloromethane	ND		ug/kg	1800	310	1250
trans-1,3-Dichloropropene	ND		ug/kg	1800	220	1250
cis-1,3-Dichloropropene	ND		ug/kg	1800	210	1250
Bromoform	ND		ug/kg	7200	420	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	1800	180	1250
Benzene	290	J	ug/kg	1800	210	1250
Toluene	670	J	ug/kg	2700	350	1250
Ethylbenzene	12000		ug/kg	1800	230	1250
Chloromethane	ND		ug/kg	9000	530	1250
Bromomethane	ND		ug/kg	3600	610	1250
Vinyl chloride	ND		ug/kg	3600	210	1250
Chloroethane	ND		ug/kg	3600	570	1250
1,1-Dichloroethene	ND		ug/kg	1800	470	1250
trans-1,2-Dichloroethene	ND		ug/kg	2700	380	1250
Trichloroethene	ND		ug/kg	1800	220	1250
1,2-Dichlorobenzene	ND		ug/kg	9000	280	1250
1,3-Dichlorobenzene	ND		ug/kg	9000	240	1250
1,4-Dichlorobenzene	ND		ug/kg	9000	250	1250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-22 D

Date Collected: 06/29/16 12:10

Client ID: P3-10 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3600	150	1250
p/m-Xylene	17000		ug/kg	3600	360	1250
o-Xylene	2100	J	ug/kg	3600	310	1250
cis-1,2-Dichloroethene	ND		ug/kg	1800	260	1250
Styrene	ND		ug/kg	3600	720	1250
Dichlorodifluoromethane	ND		ug/kg	18000	340	1250
Acetone	ND		ug/kg	18000	1900	1250
Carbon disulfide	ND		ug/kg	18000	2000	1250
2-Butanone	ND		ug/kg	18000	490	1250
4-Methyl-2-pentanone	ND		ug/kg	18000	440	1250
2-Hexanone	ND		ug/kg	18000	1200	1250
Bromochloromethane	ND		ug/kg	9000	500	1250
1,2-Dibromoethane	ND		ug/kg	7200	310	1250
n-Butylbenzene	5900		ug/kg	1800	210	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	9000	710	1250
Isopropylbenzene	3700		ug/kg	1800	190	1250
n-Propylbenzene	9200		ug/kg	1800	200	1250
1,2,3-Trichlorobenzene	ND		ug/kg	9000	270	1250
1,2,4-Trichlorobenzene	ND		ug/kg	9000	330	1250
1,3,5-Trimethylbenzene	18000		ug/kg	9000	260	1250
1,2,4-Trimethylbenzene	140000		ug/kg	9000	260	1250
Methyl Acetate	ND		ug/kg	36000	490	1250
Cyclohexane	17000	J	ug/kg	36000	260	1250
1,4-Dioxane	ND		ug/kg	180000	26000	1250
Freon-113	ND		ug/kg	36000	490	1250
Methyl cyclohexane	60000		ug/kg	7200	280	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-22 D
 Client ID: P3-10 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	410000	J	ug/kg			1250
Unknown Alkane	31000	J	ug/kg			1250
Unknown Cyclohexane	38000	J	ug/kg			1250
Unknown Benzene	42000	J	ug/kg			1250
Unknown Benzene	33000	J	ug/kg			1250
Unknown Benzene	50000	J	ug/kg			1250
Unknown Benzene	43000	J	ug/kg			1250
Unknown Benzene	34000	J	ug/kg			1250
Unknown Benzene	50000	J	ug/kg			1250
Unknown Aromatic	39000	J	ug/kg			1250
Unknown Aromatic	46000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-23 D
 Client ID: P3-10 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 22:53
 Analyst: MV
 Percent Solids: 58%

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	19000	2100	1250
1,1-Dichloroethane	ND		ug/kg	2800	160	1250
Chloroform	ND		ug/kg	2800	690	1250
Carbon tetrachloride	ND		ug/kg	1900	390	1250
1,2-Dichloropropane	ND		ug/kg	6500	430	1250
Dibromochloromethane	ND		ug/kg	1900	290	1250
1,1,2-Trichloroethane	ND		ug/kg	2800	570	1250
Tetrachloroethene	ND		ug/kg	1900	260	1250
Chlorobenzene	ND		ug/kg	1900	650	1250
Trichlorofluoromethane	ND		ug/kg	9400	720	1250
1,2-Dichloroethane	ND		ug/kg	1900	210	1250
1,1,1-Trichloroethane	ND		ug/kg	1900	210	1250
Bromodichloromethane	ND		ug/kg	1900	320	1250
trans-1,3-Dichloropropene	ND		ug/kg	1900	220	1250
cis-1,3-Dichloropropene	ND		ug/kg	1900	220	1250
Bromoform	ND		ug/kg	7500	440	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	1900	190	1250
Benzene	ND		ug/kg	1900	220	1250
Toluene	8700		ug/kg	2800	360	1250
Ethylbenzene	38000		ug/kg	1900	240	1250
Chloromethane	ND		ug/kg	9400	550	1250
Bromomethane	ND		ug/kg	3700	630	1250
Vinyl chloride	ND		ug/kg	3700	220	1250
Chloroethane	ND		ug/kg	3700	590	1250
1,1-Dichloroethene	ND		ug/kg	1900	490	1250
trans-1,2-Dichloroethene	ND		ug/kg	2800	400	1250
Trichloroethene	ND		ug/kg	1900	230	1250
1,2-Dichlorobenzene	ND		ug/kg	9400	290	1250
1,3-Dichlorobenzene	ND		ug/kg	9400	250	1250
1,4-Dichlorobenzene	ND		ug/kg	9400	260	1250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-23 D

Date Collected: 06/29/16 12:10

Client ID: P3-10 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3700	160	1250
p/m-Xylene	120000		ug/kg	3700	370	1250
o-Xylene	28000		ug/kg	3700	320	1250
cis-1,2-Dichloroethene	ND		ug/kg	1900	270	1250
Styrene	ND		ug/kg	3700	750	1250
Dichlorodifluoromethane	ND		ug/kg	19000	360	1250
Acetone	ND		ug/kg	19000	1900	1250
Carbon disulfide	ND		ug/kg	19000	2100	1250
2-Butanone	ND		ug/kg	19000	510	1250
4-Methyl-2-pentanone	ND		ug/kg	19000	460	1250
2-Hexanone	ND		ug/kg	19000	1200	1250
Bromochloromethane	ND		ug/kg	9400	520	1250
1,2-Dibromoethane	ND		ug/kg	7500	330	1250
n-Butylbenzene	5700		ug/kg	1900	210	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	9400	740	1250
Isopropylbenzene	5400		ug/kg	1900	190	1250
n-Propylbenzene	14000		ug/kg	1900	200	1250
1,2,3-Trichlorobenzene	ND		ug/kg	9400	280	1250
1,2,4-Trichlorobenzene	ND		ug/kg	9400	340	1250
1,3,5-Trimethylbenzene	56000		ug/kg	9400	270	1250
1,2,4-Trimethylbenzene	160000		ug/kg	9400	260	1250
Methyl Acetate	ND		ug/kg	37000	500	1250
Cyclohexane	35000	J	ug/kg	37000	270	1250
1,4-Dioxane	ND		ug/kg	190000	27000	1250
Freon-113	ND		ug/kg	37000	510	1250
Methyl cyclohexane	92000		ug/kg	7500	290	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-23 D
 Client ID: P3-10 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	440000	J	ug/kg			1250
Pentane, 2-methyl-	37000	NJ	ug/kg			1250
Unknown Cycloalkane	36000	J	ug/kg			1250
Unknown	39000	J	ug/kg			1250
Unknown	38000	J	ug/kg			1250
Unknown Benzene	50000	J	ug/kg			1250
Unknown Benzene	48000	J	ug/kg			1250
Unknown Benzene	46000	J	ug/kg			1250
Unknown Benzene	44000	J	ug/kg			1250
Unknown Aromatic	47000	J	ug/kg			1250
Unknown Aromatic	52000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-24 D
 Client ID: P1-5 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 23:19
 Analyst: MV
 Percent Solids: 60%

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	21000	2300	1250
1,1-Dichloroethane	ND		ug/kg	3100	180	1250
Chloroform	ND		ug/kg	3100	760	1250
Carbon tetrachloride	ND		ug/kg	2100	430	1250
1,2-Dichloropropane	ND		ug/kg	7200	470	1250
Dibromochloromethane	ND		ug/kg	2100	320	1250
1,1,2-Trichloroethane	ND		ug/kg	3100	630	1250
Tetrachloroethene	ND		ug/kg	2100	290	1250
Chlorobenzene	ND		ug/kg	2100	720	1250
Trichlorofluoromethane	ND		ug/kg	10000	800	1250
1,2-Dichloroethane	ND		ug/kg	2100	230	1250
1,1,1-Trichloroethane	ND		ug/kg	2100	230	1250
Bromodichloromethane	ND		ug/kg	2100	360	1250
trans-1,3-Dichloropropene	ND		ug/kg	2100	250	1250
cis-1,3-Dichloropropene	ND		ug/kg	2100	240	1250
Bromoform	ND		ug/kg	8300	490	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	2100	210	1250
Benzene	880	J	ug/kg	2100	240	1250
Toluene	1300	J	ug/kg	3100	400	1250
Ethylbenzene	24000		ug/kg	2100	260	1250
Chloromethane	ND		ug/kg	10000	610	1250
Bromomethane	ND		ug/kg	4100	700	1250
Vinyl chloride	ND		ug/kg	4100	240	1250
Chloroethane	ND		ug/kg	4100	650	1250
1,1-Dichloroethene	ND		ug/kg	2100	540	1250
trans-1,2-Dichloroethene	ND		ug/kg	3100	440	1250
Trichloroethene	ND		ug/kg	2100	260	1250
1,2-Dichlorobenzene	ND		ug/kg	10000	320	1250
1,3-Dichlorobenzene	ND		ug/kg	10000	280	1250
1,4-Dichlorobenzene	ND		ug/kg	10000	290	1250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-24 D

Date Collected: 06/29/16 13:00

Client ID: P1-5 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	4100	170	1250
p/m-Xylene	79000		ug/kg	4100	410	1250
o-Xylene	2500	J	ug/kg	4100	360	1250
cis-1,2-Dichloroethene	ND		ug/kg	2100	300	1250
Styrene	ND		ug/kg	4100	830	1250
Dichlorodifluoromethane	ND		ug/kg	21000	390	1250
Acetone	ND		ug/kg	21000	2100	1250
Carbon disulfide	ND		ug/kg	21000	2300	1250
2-Butanone	ND		ug/kg	21000	560	1250
4-Methyl-2-pentanone	ND		ug/kg	21000	500	1250
2-Hexanone	ND		ug/kg	21000	1400	1250
Bromochloromethane	ND		ug/kg	10000	570	1250
1,2-Dibromoethane	ND		ug/kg	8300	360	1250
n-Butylbenzene	7500		ug/kg	2100	240	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	10000	820	1250
Isopropylbenzene	6400		ug/kg	2100	210	1250
n-Propylbenzene	16000		ug/kg	2100	220	1250
1,2,3-Trichlorobenzene	ND		ug/kg	10000	300	1250
1,2,4-Trichlorobenzene	ND		ug/kg	10000	380	1250
1,3,5-Trimethylbenzene	70000		ug/kg	10000	300	1250
1,2,4-Trimethylbenzene	200000		ug/kg	10000	290	1250
Methyl Acetate	ND		ug/kg	41000	560	1250
Cyclohexane	34000	J	ug/kg	41000	300	1250
1,4-Dioxane	ND		ug/kg	210000	30000	1250
Freon-113	ND		ug/kg	41000	570	1250
Methyl cyclohexane	140000		ug/kg	8300	320	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-24 D
 Client ID: P1-5 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	560000	J	ug/kg			1250
Unknown Alkane	59000	J	ug/kg			1250
Unknown Cyclohexane	57000	J	ug/kg			1250
Unknown Benzene	51000	J	ug/kg			1250
Unknown Benzene	61000	J	ug/kg			1250
Unknown Benzene	61000	J	ug/kg			1250
Unknown Benzene	51000	J	ug/kg			1250
Unknown	43000	J	ug/kg			1250
Unknown Benzene	62000	J	ug/kg			1250
Unknown Benzene	44000	J	ug/kg			1250
Unknown Aromatic	70000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-25 D
 Client ID: P1-5 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 23:46
 Analyst: PP
 Percent Solids: 54%

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	860	95.	50
1,1-Dichloroethane	ND		ug/kg	130	7.4	50
Chloroform	ND		ug/kg	130	32.	50
Carbon tetrachloride	ND		ug/kg	86	18.	50
1,2-Dichloropropane	ND		ug/kg	300	20.	50
Dibromochloromethane	ND		ug/kg	86	13.	50
1,1,2-Trichloroethane	ND		ug/kg	130	26.	50
Tetrachloroethene	ND		ug/kg	86	12.	50
Chlorobenzene	ND		ug/kg	86	30.	50
Trichlorofluoromethane	ND		ug/kg	430	34.	50
1,2-Dichloroethane	ND		ug/kg	86	9.8	50
1,1,1-Trichloroethane	ND		ug/kg	86	9.6	50
Bromodichloromethane	ND		ug/kg	86	15.	50
trans-1,3-Dichloropropene	ND		ug/kg	86	10.	50
cis-1,3-Dichloropropene	ND		ug/kg	86	10.	50
Bromoform	ND		ug/kg	340	20.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	86	8.7	50
Benzene	55	J	ug/kg	86	10.	50
Toluene	28	J	ug/kg	130	17.	50
Ethylbenzene	140		ug/kg	86	11.	50
Chloromethane	ND		ug/kg	430	25.	50
Bromomethane	ND		ug/kg	170	29.	50
Vinyl chloride	ND		ug/kg	170	10.	50
Chloroethane	ND		ug/kg	170	27.	50
1,1-Dichloroethene	ND		ug/kg	86	23.	50
trans-1,2-Dichloroethene	ND		ug/kg	130	18.	50
Trichloroethene	ND		ug/kg	86	11.	50
1,2-Dichlorobenzene	ND		ug/kg	430	13.	50
1,3-Dichlorobenzene	ND		ug/kg	430	12.	50
1,4-Dichlorobenzene	ND		ug/kg	430	12.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-25 D
Client ID: P1-5 (8-10)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:00
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	170	7.3	50
p/m-Xylene	570		ug/kg	170	17.	50
o-Xylene	46	J	ug/kg	170	15.	50
cis-1,2-Dichloroethene	ND		ug/kg	86	12.	50
Styrene	ND		ug/kg	170	35.	50
Dichlorodifluoromethane	ND		ug/kg	860	16.	50
Acetone	ND		ug/kg	860	89.	50
Carbon disulfide	ND		ug/kg	860	95.	50
2-Butanone	ND		ug/kg	860	23.	50
4-Methyl-2-pentanone	ND		ug/kg	860	21.	50
2-Hexanone	ND		ug/kg	860	58.	50
Bromochloromethane	ND		ug/kg	430	24.	50
1,2-Dibromoethane	ND		ug/kg	340	15.	50
n-Butylbenzene	130		ug/kg	86	9.9	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	430	34.	50
Isopropylbenzene	230		ug/kg	86	9.0	50
n-Propylbenzene	640		ug/kg	86	9.4	50
1,2,3-Trichlorobenzene	ND		ug/kg	430	13.	50
1,2,4-Trichlorobenzene	ND		ug/kg	430	16.	50
1,3,5-Trimethylbenzene	180	J	ug/kg	430	12.	50
1,2,4-Trimethylbenzene	8100		ug/kg	430	12.	50
Methyl Acetate	1400	J	ug/kg	1700	23.	50
Cyclohexane	220	J	ug/kg	1700	13.	50
1,4-Dioxane	ND		ug/kg	8600	1200	50
Freon-113	ND		ug/kg	1700	24.	50
Methyl cyclohexane	680		ug/kg	340	13.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-25 D
 Client ID: P1-5 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	9000	J	ug/kg			50
Unknown	350	J	ug/kg			50
Unknown Benzene	640	J	ug/kg			50
Unknown Benzene	250	J	ug/kg			50
Unknown Benzene	1700	J	ug/kg			50
Unknown Benzene	1600	J	ug/kg			50
Unknown Aromatic	1400	J	ug/kg			50
Unknown Benzene	1800	J	ug/kg			50
Unknown	350	J	ug/kg			50
Unknown Benzene	570	J	ug/kg			50
Unknown Aromatic	360	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	87		70-130

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-26 D
 Client ID: P1-4 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 00:10
 Analyst: MV
 Percent Solids: 55%

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1800	200	100
1,1-Dichloroethane	ND		ug/kg	270	16.	100
Chloroform	ND		ug/kg	270	68.	100
Carbon tetrachloride	ND		ug/kg	180	38.	100
1,2-Dichloropropane	ND		ug/kg	640	42.	100
Dibromochloromethane	ND		ug/kg	180	28.	100
1,1,2-Trichloroethane	ND		ug/kg	270	56.	100
Tetrachloroethene	ND		ug/kg	180	26.	100
Chlorobenzene	ND		ug/kg	180	64.	100
Trichlorofluoromethane	ND		ug/kg	920	71.	100
1,2-Dichloroethane	ND		ug/kg	180	21.	100
1,1,1-Trichloroethane	ND		ug/kg	180	20.	100
Bromodichloromethane	ND		ug/kg	180	32.	100
trans-1,3-Dichloropropene	ND		ug/kg	180	22.	100
cis-1,3-Dichloropropene	ND		ug/kg	180	22.	100
Bromoform	ND		ug/kg	730	43.	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	180	18.	100
Benzene	210		ug/kg	180	22.	100
Toluene	92	J	ug/kg	270	36.	100
Ethylbenzene	400		ug/kg	180	23.	100
Chloromethane	ND		ug/kg	920	54.	100
Bromomethane	ND		ug/kg	370	62.	100
Vinyl chloride	ND		ug/kg	370	22.	100
Chloroethane	ND		ug/kg	370	58.	100
1,1-Dichloroethene	ND		ug/kg	180	48.	100
trans-1,2-Dichloroethene	ND		ug/kg	270	39.	100
Trichloroethene	ND		ug/kg	180	23.	100
1,2-Dichlorobenzene	ND		ug/kg	920	28.	100
1,3-Dichlorobenzene	ND		ug/kg	920	25.	100
1,4-Dichlorobenzene	ND		ug/kg	920	25.	100

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-26 D

Date Collected: 06/29/16 12:35

Client ID: P1-4 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	370	15.	100
p/m-Xylene	750		ug/kg	370	36.	100
o-Xylene	64	J	ug/kg	370	31.	100
cis-1,2-Dichloroethene	ND		ug/kg	180	26.	100
Styrene	ND		ug/kg	370	74.	100
Dichlorodifluoromethane	ND		ug/kg	1800	35.	100
Acetone	ND		ug/kg	1800	190	100
Carbon disulfide	ND		ug/kg	1800	200	100
2-Butanone	ND		ug/kg	1800	50.	100
4-Methyl-2-pentanone	ND		ug/kg	1800	45.	100
2-Hexanone	ND		ug/kg	1800	120	100
Bromochloromethane	ND		ug/kg	920	50.	100
1,2-Dibromoethane	ND		ug/kg	730	32.	100
n-Butylbenzene	380		ug/kg	180	21.	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	920	72.	100
Isopropylbenzene	400		ug/kg	180	19.	100
n-Propylbenzene	680		ug/kg	180	20.	100
1,2,3-Trichlorobenzene	ND		ug/kg	920	27.	100
1,2,4-Trichlorobenzene	ND		ug/kg	920	33.	100
1,3,5-Trimethylbenzene	130	J	ug/kg	920	26.	100
1,2,4-Trimethylbenzene	6600		ug/kg	920	26.	100
Methyl Acetate	ND		ug/kg	3700	49.	100
Cyclohexane	1800	J	ug/kg	3700	27.	100
1,4-Dioxane	ND		ug/kg	18000	2600	100
Freon-113	ND		ug/kg	3700	50.	100
Methyl cyclohexane	6500		ug/kg	730	28.	100

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-26 D
 Client ID: P1-4 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	100000	J	ug/kg			100
Unknown Cyclohexane	6800	J	ug/kg			100
Cyclohexane, 1,1,3-trimethyl-	8000	NJ	ug/kg			100
Unknown	10000	J	ug/kg			100
Unknown Naphthalene	8800	J	ug/kg			100
Unknown Benzene	8900	J	ug/kg			100
Unknown	16000	J	ug/kg			100
Unknown Naphthalene	8100	J	ug/kg			100
Unknown	8700	J	ug/kg			100
Unknown	16000	J	ug/kg			100
Unknown	10000	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-27 D
 Client ID: P1-4 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 00:36
 Analyst: MV
 Percent Solids: 55%

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	900	100	50
1,1-Dichloroethane	ND		ug/kg	140	7.8	50
Chloroform	ND		ug/kg	140	34.	50
Carbon tetrachloride	ND		ug/kg	90	19.	50
1,2-Dichloropropane	ND		ug/kg	320	21.	50
Dibromochloromethane	ND		ug/kg	90	14.	50
1,1,2-Trichloroethane	ND		ug/kg	140	28.	50
Tetrachloroethene	ND		ug/kg	90	13.	50
Chlorobenzene	ND		ug/kg	90	32.	50
Trichlorofluoromethane	ND		ug/kg	450	35.	50
1,2-Dichloroethane	ND		ug/kg	90	10.	50
1,1,1-Trichloroethane	ND		ug/kg	90	10.	50
Bromodichloromethane	ND		ug/kg	90	16.	50
trans-1,3-Dichloropropene	ND		ug/kg	90	11.	50
cis-1,3-Dichloropropene	ND		ug/kg	90	11.	50
Bromoform	ND		ug/kg	360	21.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	90	9.1	50
Benzene	290		ug/kg	90	11.	50
Toluene	310		ug/kg	140	18.	50
Ethylbenzene	1700		ug/kg	90	12.	50
Chloromethane	ND		ug/kg	450	27.	50
Bromomethane	ND		ug/kg	180	31.	50
Vinyl chloride	ND		ug/kg	180	11.	50
Chloroethane	ND		ug/kg	180	29.	50
1,1-Dichloroethene	ND		ug/kg	90	24.	50
trans-1,2-Dichloroethene	ND		ug/kg	140	19.	50
Trichloroethene	ND		ug/kg	90	11.	50
1,2-Dichlorobenzene	ND		ug/kg	450	14.	50
1,3-Dichlorobenzene	ND		ug/kg	450	12.	50
1,4-Dichlorobenzene	ND		ug/kg	450	12.	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-27 D

Date Collected: 06/29/16 12:35

Client ID: P1-4 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	180	7.6	50
p/m-Xylene	4700		ug/kg	180	18.	50
o-Xylene	140	J	ug/kg	180	16.	50
cis-1,2-Dichloroethene	ND		ug/kg	90	13.	50
Styrene	ND		ug/kg	180	36.	50
Dichlorodifluoromethane	ND		ug/kg	900	17.	50
Acetone	ND		ug/kg	900	94.	50
Carbon disulfide	ND		ug/kg	900	100	50
2-Butanone	ND		ug/kg	900	25.	50
4-Methyl-2-pentanone	ND		ug/kg	900	22.	50
2-Hexanone	ND		ug/kg	900	60.	50
Bromochloromethane	ND		ug/kg	450	25.	50
1,2-Dibromoethane	ND		ug/kg	360	16.	50
n-Butylbenzene	700		ug/kg	90	10.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	450	36.	50
Isopropylbenzene	1000		ug/kg	90	9.4	50
n-Propylbenzene	1800		ug/kg	90	9.9	50
1,2,3-Trichlorobenzene	ND		ug/kg	450	13.	50
1,2,4-Trichlorobenzene	ND		ug/kg	450	16.	50
1,3,5-Trimethylbenzene	2100		ug/kg	450	13.	50
1,2,4-Trimethylbenzene	13000		ug/kg	450	13.	50
Methyl Acetate	ND		ug/kg	1800	24.	50
Cyclohexane	8500		ug/kg	1800	13.	50
1,4-Dioxane	ND		ug/kg	9000	1300	50
Freon-113	ND		ug/kg	1800	25.	50
Methyl cyclohexane	23000		ug/kg	360	14.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-27 D
 Client ID: P1-4 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	60000	J	ug/kg			50
Pentane, 2-methyl-	5200	NJ	ug/kg			50
Unknown Cycloalkane	6000	J	ug/kg			50
Unknown	6100	J	ug/kg			50
Unknown Cyclohexane	9200	J	ug/kg			50
Unknown Cyclohexane	4800	J	ug/kg			50
Unknown	4600	J	ug/kg			50
Cyclohexane, ethyl-	5100	NJ	ug/kg			50
Cyclohexane, 1,1,3-trimethyl-	5200	NJ	ug/kg			50
Unknown	6800	J	ug/kg			50
Unknown Aromatic	6800	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	96		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-28 D
 Client ID: P1-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 01:01
 Analyst: MV
 Percent Solids: 84%

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1500	160	125
1,1-Dichloroethane	ND		ug/kg	220	13.	125
Chloroform	ND		ug/kg	220	55.	125
Carbon tetrachloride	ND		ug/kg	150	31.	125
1,2-Dichloropropane	ND		ug/kg	520	34.	125
Dibromochloromethane	ND		ug/kg	150	23.	125
1,1,2-Trichloroethane	ND		ug/kg	220	45.	125
Tetrachloroethene	ND		ug/kg	150	21.	125
Chlorobenzene	ND		ug/kg	150	52.	125
Trichlorofluoromethane	ND		ug/kg	740	58.	125
1,2-Dichloroethane	ND		ug/kg	150	17.	125
1,1,1-Trichloroethane	ND		ug/kg	150	16.	125
Bromodichloromethane	ND		ug/kg	150	26.	125
trans-1,3-Dichloropropene	ND		ug/kg	150	18.	125
cis-1,3-Dichloropropene	ND		ug/kg	150	18.	125
Bromoform	ND		ug/kg	600	35.	125
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	15.	125
Benzene	ND		ug/kg	150	18.	125
Toluene	120	J	ug/kg	220	29.	125
Ethylbenzene	2800		ug/kg	150	19.	125
Chloromethane	ND		ug/kg	740	44.	125
Bromomethane	ND		ug/kg	300	50.	125
Vinyl chloride	ND		ug/kg	300	18.	125
Chloroethane	ND		ug/kg	300	47.	125
1,1-Dichloroethene	ND		ug/kg	150	39.	125
trans-1,2-Dichloroethene	ND		ug/kg	220	32.	125
Trichloroethene	ND		ug/kg	150	19.	125
1,2-Dichlorobenzene	ND		ug/kg	740	23.	125
1,3-Dichlorobenzene	ND		ug/kg	740	20.	125
1,4-Dichlorobenzene	ND		ug/kg	740	21.	125

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-28 D

Date Collected: 06/29/16 12:45

Client ID: P1-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	300	12.	125
p/m-Xylene	8500		ug/kg	300	30.	125
o-Xylene	750		ug/kg	300	26.	125
cis-1,2-Dichloroethene	ND		ug/kg	150	21.	125
Styrene	ND		ug/kg	300	60.	125
Dichlorodifluoromethane	ND		ug/kg	1500	28.	125
Acetone	ND		ug/kg	1500	150	125
Carbon disulfide	ND		ug/kg	1500	160	125
2-Butanone	ND		ug/kg	1500	40.	125
4-Methyl-2-pentanone	ND		ug/kg	1500	36.	125
2-Hexanone	ND		ug/kg	1500	99.	125
Bromochloromethane	ND		ug/kg	740	41.	125
1,2-Dibromoethane	ND		ug/kg	600	26.	125
n-Butylbenzene	890		ug/kg	150	17.	125
1,2-Dibromo-3-chloropropane	ND		ug/kg	740	59.	125
Isopropylbenzene	490		ug/kg	150	15.	125
n-Propylbenzene	1400		ug/kg	150	16.	125
1,2,3-Trichlorobenzene	ND		ug/kg	740	22.	125
1,2,4-Trichlorobenzene	ND		ug/kg	740	27.	125
1,3,5-Trimethylbenzene	5800		ug/kg	740	21.	125
1,2,4-Trimethylbenzene	18000		ug/kg	740	21.	125
Methyl Acetate	ND		ug/kg	3000	40.	125
Cyclohexane	2500	J	ug/kg	3000	22.	125
1,4-Dioxane	ND		ug/kg	15000	2200	125
Freon-113	ND		ug/kg	3000	41.	125
Methyl cyclohexane	9900		ug/kg	600	23.	125

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-28 D

Date Collected: 06/29/16 12:45

Client ID: P1-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	72000	J	ug/kg			125
Unknown Alkane	7700	J	ug/kg			125
Unknown	6200	J	ug/kg			125
Octane	5000	NJ	ug/kg			125
Unknown	9600	J	ug/kg			125
Unknown Benzene	6300	J	ug/kg			125
Unknown Benzene	6900	J	ug/kg			125
Unknown Benzene	5800	J	ug/kg			125
Unknown Benzene	7500	J	ug/kg			125
Unknown Aromatic	8000	J	ug/kg			125
1-Phenyl-1-butene	9200	NJ	ug/kg			125

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-29 D
 Client ID: P1-3 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 16:32
 Analyst: MV
 Percent Solids: 55%

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7400	820	500
1,1-Dichloroethane	ND		ug/kg	1100	63.	500
Chloroform	ND		ug/kg	1100	270	500
Carbon tetrachloride	ND		ug/kg	740	160	500
1,2-Dichloropropane	ND		ug/kg	2600	170	500
Dibromochloromethane	ND		ug/kg	740	110	500
1,1,2-Trichloroethane	ND		ug/kg	1100	220	500
Tetrachloroethene	ND		ug/kg	740	100	500
Chlorobenzene	ND		ug/kg	740	260	500
Trichlorofluoromethane	ND		ug/kg	3700	290	500
1,2-Dichloroethane	ND		ug/kg	740	84.	500
1,1,1-Trichloroethane	ND		ug/kg	740	82.	500
Bromodichloromethane	ND		ug/kg	740	130	500
trans-1,3-Dichloropropene	ND		ug/kg	740	89.	500
cis-1,3-Dichloropropene	ND		ug/kg	740	87.	500
Bromoform	ND		ug/kg	3000	170	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	740	74.	500
Benzene	600	J	ug/kg	740	87.	500
Toluene	1000	J	ug/kg	1100	140	500
Ethylbenzene	20000		ug/kg	740	94.	500
Chloromethane	ND		ug/kg	3700	220	500
Bromomethane	ND		ug/kg	1500	250	500
Vinyl chloride	ND		ug/kg	1500	87.	500
Chloroethane	ND		ug/kg	1500	230	500
1,1-Dichloroethene	ND		ug/kg	740	190	500
trans-1,2-Dichloroethene	ND		ug/kg	1100	160	500
Trichloroethene	ND		ug/kg	740	92.	500
1,2-Dichlorobenzene	ND		ug/kg	3700	110	500
1,3-Dichlorobenzene	ND		ug/kg	3700	100	500
1,4-Dichlorobenzene	ND		ug/kg	3700	100	500

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-29 D

Date Collected: 06/29/16 12:45

Client ID: P1-3 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1500	62.	500
p/m-Xylene	60000		ug/kg	1500	150	500
o-Xylene	5000		ug/kg	1500	130	500
cis-1,2-Dichloroethene	ND		ug/kg	740	100	500
Styrene	ND		ug/kg	1500	300	500
Dichlorodifluoromethane	ND		ug/kg	7400	140	500
Acetone	ND		ug/kg	7400	760	500
Carbon disulfide	ND		ug/kg	7400	810	500
2-Butanone	ND		ug/kg	7400	200	500
4-Methyl-2-pentanone	ND		ug/kg	7400	180	500
2-Hexanone	ND		ug/kg	7400	490	500
Bromochloromethane	ND		ug/kg	3700	200	500
1,2-Dibromoethane	ND		ug/kg	3000	130	500
n-Butylbenzene	2300		ug/kg	740	85.	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	3700	290	500
Isopropylbenzene	2300		ug/kg	740	77.	500
n-Propylbenzene	6100		ug/kg	740	81.	500
1,2,3-Trichlorobenzene	ND		ug/kg	3700	110	500
1,2,4-Trichlorobenzene	ND		ug/kg	3700	130	500
1,3,5-Trimethylbenzene	25000		ug/kg	3700	100	500
1,2,4-Trimethylbenzene	73000		ug/kg	3700	100	500
Methyl Acetate	ND		ug/kg	15000	200	500
Cyclohexane	11000	J	ug/kg	15000	110	500
1,4-Dioxane	ND		ug/kg	74000	11000	500
Freon-113	ND		ug/kg	15000	200	500
Methyl cyclohexane	30000		ug/kg	3000	110	500

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-29 D
 Client ID: P1-3 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	140000	J	ug/kg			500
Cyclopentane, Methyl-	11000	NJ	ug/kg			500
Unknown Cyclohexane	10000	J	ug/kg			500
Unknown Benzene	16000	J	ug/kg			500
Unknown Benzene	18000	J	ug/kg			500
Indane	14000	NJ	ug/kg			500
Unknown Benzene	17000	J	ug/kg			500
Unknown Benzene	14000	J	ug/kg			500
Unknown	12000	J	ug/kg			500
Unknown Aromatic	13000	J	ug/kg			500
Unknown Aromatic	17000	J	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 16:58
 Analyst: MV
 Percent Solids: 87%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.5	J	ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	0.82	J	ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.22	1
Ethylbenzene	0.66	J	ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-30
Client ID: P4-1 (0-4)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	0.80	J	ug/kg	2.2	0.22	1
o-Xylene	0.29	J	ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	7.8	J	ug/kg	11	1.1	1
Carbon disulfide	1.2	J	ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.74	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
n-Butylbenzene	0.19	J	ug/kg	1.1	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.44	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
n-Propylbenzene	0.28	J	ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3,5-Trimethylbenzene	0.54	J	ug/kg	5.5	0.16	1
1,2,4-Trimethylbenzene	0.86	J	ug/kg	5.5	0.16	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	ND		ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.30	1
Methyl cyclohexane	0.72	J	ug/kg	4.4	0.17	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	53	J	ug/kg			1
Unknown	3.3	J	ug/kg			1
Unknown	8.0	J	ug/kg			1
Unknown	4.4	J	ug/kg			1
Unknown	3.8	J	ug/kg			1
Unknown Benzene	6.0	J	ug/kg			1
Unknown	5.9	J	ug/kg			1
Unknown	5.4	J	ug/kg			1
Unknown	6.8	J	ug/kg			1
Unknown	5.2	J	ug/kg			1
Unknown Benzene	3.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-31 D
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 17:23
 Analyst: MV
 Percent Solids: 43%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	160	J	ug/kg	1200	130	50
1,1-Dichloroethane	ND		ug/kg	180	10.	50
Chloroform	ND		ug/kg	180	43.	50
Carbon tetrachloride	ND		ug/kg	120	24.	50
1,2-Dichloropropane	ND		ug/kg	410	27.	50
Dibromochloromethane	ND		ug/kg	120	18.	50
1,1,2-Trichloroethane	ND		ug/kg	180	36.	50
Tetrachloroethene	ND		ug/kg	120	16.	50
Chlorobenzene	ND		ug/kg	120	41.	50
Trichlorofluoromethane	ND		ug/kg	580	45.	50
1,2-Dichloroethane	ND		ug/kg	120	13.	50
1,1,1-Trichloroethane	ND		ug/kg	120	13.	50
Bromodichloromethane	ND		ug/kg	120	20.	50
trans-1,3-Dichloropropene	ND		ug/kg	120	14.	50
cis-1,3-Dichloropropene	ND		ug/kg	120	14.	50
Bromoform	ND		ug/kg	470	28.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	120	12.	50
Benzene	170		ug/kg	120	14.	50
Toluene	ND		ug/kg	180	23.	50
Ethylbenzene	31	J	ug/kg	120	15.	50
Chloromethane	ND		ug/kg	580	34.	50
Bromomethane	ND		ug/kg	230	40.	50
Vinyl chloride	ND		ug/kg	230	14.	50
Chloroethane	ND		ug/kg	230	37.	50
1,1-Dichloroethene	ND		ug/kg	120	31.	50
trans-1,2-Dichloroethene	ND		ug/kg	180	25.	50
Trichloroethene	ND		ug/kg	120	15.	50
1,2-Dichlorobenzene	ND		ug/kg	580	18.	50
1,3-Dichlorobenzene	ND		ug/kg	580	16.	50
1,4-Dichlorobenzene	ND		ug/kg	580	16.	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-31 D

Date Collected: 06/29/16 13:05

Client ID: P4-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	230	9.9	50
p/m-Xylene	78	J	ug/kg	230	23.	50
o-Xylene	ND		ug/kg	230	20.	50
cis-1,2-Dichloroethene	ND		ug/kg	120	17.	50
Styrene	ND		ug/kg	230	47.	50
Dichlorodifluoromethane	ND		ug/kg	1200	22.	50
Acetone	ND		ug/kg	1200	120	50
Carbon disulfide	ND		ug/kg	1200	130	50
2-Butanone	ND		ug/kg	1200	32.	50
4-Methyl-2-pentanone	ND		ug/kg	1200	28.	50
2-Hexanone	ND		ug/kg	1200	78.	50
Bromochloromethane	ND		ug/kg	580	32.	50
1,2-Dibromoethane	ND		ug/kg	470	20.	50
n-Butylbenzene	73	J	ug/kg	120	13.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	580	46.	50
Isopropylbenzene	370		ug/kg	120	12.	50
n-Propylbenzene	380		ug/kg	120	13.	50
1,2,3-Trichlorobenzene	ND		ug/kg	580	17.	50
1,2,4-Trichlorobenzene	ND		ug/kg	580	21.	50
1,3,5-Trimethylbenzene	22	J	ug/kg	580	17.	50
1,2,4-Trimethylbenzene	190	J	ug/kg	580	16.	50
Methyl Acetate	ND		ug/kg	2300	32.	50
Cyclohexane	670	J	ug/kg	2300	17.	50
1,4-Dioxane	ND		ug/kg	12000	1700	50
Freon-113	ND		ug/kg	2300	32.	50
Methyl cyclohexane	910		ug/kg	470	18.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-31 D
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	8200	J	ug/kg			50
Unknown	690	J	ug/kg			50
Unknown Cycloalkane	740	J	ug/kg			50
Unknown	1300	J	ug/kg			50
Unknown	600	J	ug/kg			50
Unknown Cyclohexane	990	J	ug/kg			50
Unknown	680	J	ug/kg			50
Unknown	700	J	ug/kg			50
Unknown Benzene	660	J	ug/kg			50
Unknown Aromatic	1000	J	ug/kg			50
Unknown Benzene	820	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-32
Client ID: P4-2 (2-4)
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/12/16 17:49
Analyst: MV
Percent Solids: 89%

Date Collected: 06/29/16 13:15
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.7	J	ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.41	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.12	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	2.9		ug/kg	1.1	0.12	1
Toluene	0.84	J	ug/kg	1.6	0.21	1
Ethylbenzene	1.3		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.3	0.31	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
Chloroethane	ND		ug/kg	2.1	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.15	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-32
Client ID: P4-2 (2-4)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	2.4		ug/kg	2.1	0.21	1
o-Xylene	0.31	J	ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Styrene	ND		ug/kg	2.1	0.43	1
Dichlorodifluoromethane	ND		ug/kg	11	0.20	1
Acetone	47		ug/kg	11	1.1	1
Carbon disulfide	1.5	J	ug/kg	11	1.2	1
2-Butanone	10	J	ug/kg	11	0.29	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
2-Hexanone	ND		ug/kg	11	0.71	1
Bromochloromethane	ND		ug/kg	5.3	0.29	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.18	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	0.42	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
n-Propylbenzene	0.24	J	ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	0.19	1
1,3,5-Trimethylbenzene	0.39	J	ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	1.1	J	ug/kg	5.3	0.15	1
Methyl Acetate	ND		ug/kg	21	0.29	1
Cyclohexane	ND		ug/kg	21	0.16	1
1,4-Dioxane	ND		ug/kg	110	15.	1
Freon-113	ND		ug/kg	21	0.29	1
Methyl cyclohexane	0.90	J	ug/kg	4.2	0.16	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	110	J	ug/kg			1
Unknown	10	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	11	NJ	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	7.7	J	ug/kg			1
Unknown Cyclohexane	8.4	J	ug/kg			1
Unknown Cyclohexane	9.0	J	ug/kg			1
Unknown	6.8	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown	15	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-33 D
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 18:14
 Analyst: MV
 Percent Solids: 83%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	4.1	J	ug/kg	24	2.7	2
1,1-Dichloroethane	ND		ug/kg	3.6	0.21	2
Chloroform	ND		ug/kg	3.6	0.89	2
Carbon tetrachloride	ND		ug/kg	2.4	0.51	2
1,2-Dichloropropane	ND		ug/kg	8.4	0.55	2
Dibromochloromethane	ND		ug/kg	2.4	0.37	2
1,1,2-Trichloroethane	ND		ug/kg	3.6	0.73	2
Tetrachloroethene	ND		ug/kg	2.4	0.34	2
Chlorobenzene	ND		ug/kg	2.4	0.84	2
Trichlorofluoromethane	ND		ug/kg	12	0.93	2
1,2-Dichloroethane	ND		ug/kg	2.4	0.27	2
1,1,1-Trichloroethane	ND		ug/kg	2.4	0.27	2
Bromodichloromethane	ND		ug/kg	2.4	0.42	2
trans-1,3-Dichloropropene	ND		ug/kg	2.4	0.29	2
cis-1,3-Dichloropropene	ND		ug/kg	2.4	0.28	2
Bromoform	ND		ug/kg	9.6	0.57	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.4	0.24	2
Benzene	10		ug/kg	2.4	0.28	2
Toluene	1.2	J	ug/kg	3.6	0.47	2
Ethylbenzene	4.7		ug/kg	2.4	0.31	2
Chloromethane	ND		ug/kg	12	0.71	2
Bromomethane	ND		ug/kg	4.8	0.81	2
Vinyl chloride	ND		ug/kg	4.8	0.28	2
Chloroethane	ND		ug/kg	4.8	0.76	2
1,1-Dichloroethene	ND		ug/kg	2.4	0.63	2
trans-1,2-Dichloroethene	ND		ug/kg	3.6	0.51	2
Trichloroethene	ND		ug/kg	2.4	0.30	2
1,2-Dichlorobenzene	ND		ug/kg	12	0.37	2
1,3-Dichlorobenzene	ND		ug/kg	12	0.32	2
1,4-Dichlorobenzene	ND		ug/kg	12	0.33	2

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-33 D

Date Collected: 06/29/16 13:15

Client ID: P4-2 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	4.8	0.20	2
p/m-Xylene	6.2		ug/kg	4.8	0.48	2
o-Xylene	1.6	J	ug/kg	4.8	0.41	2
cis-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	2
Styrene	ND		ug/kg	4.8	0.97	2
Dichlorodifluoromethane	ND		ug/kg	24	0.46	2
Acetone	110		ug/kg	24	2.5	2
Carbon disulfide	4.4	J	ug/kg	24	2.6	2
2-Butanone	29		ug/kg	24	0.66	2
4-Methyl-2-pentanone	ND		ug/kg	24	0.59	2
2-Hexanone	ND		ug/kg	24	1.6	2
Bromochloromethane	ND		ug/kg	12	0.66	2
1,2-Dibromoethane	ND		ug/kg	9.6	0.42	2
n-Butylbenzene	ND		ug/kg	2.4	0.28	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	0.95	2
Isopropylbenzene	3.9		ug/kg	2.4	0.25	2
n-Propylbenzene	5.3		ug/kg	2.4	0.26	2
1,2,3-Trichlorobenzene	ND		ug/kg	12	0.36	2
1,2,4-Trichlorobenzene	ND		ug/kg	12	0.44	2
1,3,5-Trimethylbenzene	1.1	J	ug/kg	12	0.34	2
1,2,4-Trimethylbenzene	6.4	J	ug/kg	12	0.34	2
Methyl Acetate	ND		ug/kg	48	0.65	2
Cyclohexane	ND		ug/kg	48	0.35	2
1,4-Dioxane	ND		ug/kg	240	35.	2
Freon-113	ND		ug/kg	48	0.66	2
Methyl cyclohexane	2.7	J	ug/kg	9.6	0.37	2

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-33 D

Date Collected: 06/29/16 13:15

Client ID: P4-2 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	700	J	ug/kg			2
Benzene, 1,4-diethyl-	51	NJ	ug/kg			2
Unknown Benzene	74	J	ug/kg			2
Unknown Aromatic	100	J	ug/kg			2
Unknown	46	J	ug/kg			2
Unknown Benzene	46	J	ug/kg			2
Unknown	130	J	ug/kg			2
Unknown	55	J	ug/kg			2
Unknown	93	J	ug/kg			2
Unknown	44	J	ug/kg			2
Unknown Aromatic	60	J	ug/kg			2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-34
 Client ID: P4-3 (2-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 18:40
 Analyst: MV
 Percent Solids: 85%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.4	J	ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	10		ug/kg	1.2	0.14	1
Toluene	2.6		ug/kg	1.7	0.22	1
Ethylbenzene	5.8		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-34
Client ID: P4-3 (2-4)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:30
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	12		ug/kg	2.3	0.23	1
o-Xylene	1.9	J	ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	50		ug/kg	12	1.2	1
Carbon disulfide	3.0	J	ug/kg	12	1.3	1
2-Butanone	9.4	J	ug/kg	12	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Isopropylbenzene	0.47	J	ug/kg	1.2	0.12	1
n-Propylbenzene	1.5		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	2.3	J	ug/kg	5.8	0.16	1
1,2,4-Trimethylbenzene	6.6		ug/kg	5.8	0.16	1
Methyl Acetate	ND		ug/kg	23	0.31	1
Cyclohexane	ND		ug/kg	23	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	23	0.32	1
Methyl cyclohexane	0.47	J	ug/kg	4.6	0.18	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-34
 Client ID: P4-3 (2-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	400	J	ug/kg			1
Unknown	38	J	ug/kg			1
Unknown Alkane	46	J	ug/kg			1
Unknown	48	J	ug/kg			1
Unknown Naphthalene	30	J	ug/kg			1
Unknown Benzene	33	J	ug/kg			1
Unknown	27	J	ug/kg			1
Unknown	44	J	ug/kg			1
Dodecane, 6-methyl-	60	NJ	ug/kg			1
Unknown	45	J	ug/kg			1
Unknown	28	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	105		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-36 D
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 19:05
 Analyst: MV
 Percent Solids: 84%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	960	110	100
1,1-Dichloroethane	ND		ug/kg	140	8.3	100
Chloroform	ND		ug/kg	140	36.	100
Carbon tetrachloride	ND		ug/kg	96	20.	100
1,2-Dichloropropane	ND		ug/kg	340	22.	100
Dibromochloromethane	ND		ug/kg	96	15.	100
1,1,2-Trichloroethane	ND		ug/kg	140	29.	100
Tetrachloroethene	ND		ug/kg	96	14.	100
Chlorobenzene	ND		ug/kg	96	34.	100
Trichlorofluoromethane	ND		ug/kg	480	37.	100
1,2-Dichloroethane	ND		ug/kg	96	11.	100
1,1,1-Trichloroethane	ND		ug/kg	96	11.	100
Bromodichloromethane	ND		ug/kg	96	17.	100
trans-1,3-Dichloropropene	ND		ug/kg	96	12.	100
cis-1,3-Dichloropropene	ND		ug/kg	96	11.	100
Bromoform	ND		ug/kg	390	23.	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	96	9.7	100
Benzene	1100		ug/kg	96	11.	100
Toluene	630		ug/kg	140	19.	100
Ethylbenzene	1400		ug/kg	96	12.	100
Chloromethane	ND		ug/kg	480	28.	100
Bromomethane	ND		ug/kg	190	33.	100
Vinyl chloride	ND		ug/kg	190	11.	100
Chloroethane	ND		ug/kg	190	30.	100
1,1-Dichloroethene	ND		ug/kg	96	25.	100
trans-1,2-Dichloroethene	ND		ug/kg	140	20.	100
Trichloroethene	ND		ug/kg	96	12.	100
1,2-Dichlorobenzene	ND		ug/kg	480	15.	100
1,3-Dichlorobenzene	ND		ug/kg	480	13.	100
1,4-Dichlorobenzene	ND		ug/kg	480	13.	100

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-36 D

Date Collected: 06/29/16 13:30

Client ID: P4-3 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	190	8.2	100
p/m-Xylene	4500		ug/kg	190	19.	100
o-Xylene	460		ug/kg	190	16.	100
cis-1,2-Dichloroethene	ND		ug/kg	96	14.	100
Styrene	ND		ug/kg	190	39.	100
Dichlorodifluoromethane	ND		ug/kg	960	18.	100
Acetone	ND		ug/kg	960	100	100
Carbon disulfide	ND		ug/kg	960	110	100
2-Butanone	ND		ug/kg	960	26.	100
4-Methyl-2-pentanone	ND		ug/kg	960	24.	100
2-Hexanone	ND		ug/kg	960	64.	100
Bromochloromethane	ND		ug/kg	480	27.	100
1,2-Dibromoethane	ND		ug/kg	390	17.	100
n-Butylbenzene	890		ug/kg	96	11.	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	480	38.	100
Isopropylbenzene	320		ug/kg	96	10.	100
n-Propylbenzene	1300		ug/kg	96	10.	100
1,2,3-Trichlorobenzene	ND		ug/kg	480	14.	100
1,2,4-Trichlorobenzene	ND		ug/kg	480	18.	100
1,3,5-Trimethylbenzene	2500		ug/kg	480	14.	100
1,2,4-Trimethylbenzene	6800		ug/kg	480	14.	100
Methyl Acetate	ND		ug/kg	1900	26.	100
Cyclohexane	170	J	ug/kg	1900	14.	100
1,4-Dioxane	ND		ug/kg	9600	1400	100
Freon-113	ND		ug/kg	1900	26.	100
Methyl cyclohexane	680		ug/kg	390	15.	100

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-36 D

Date Collected: 06/29/16 13:30

Client ID: P4-3 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	70000	J	ug/kg			100
Pentane, 2,3,4-trimethyl-	5200	NJ	ug/kg			100
Unknown Alkane	8000	J	ug/kg			100
Unknown Alkane	4600	J	ug/kg			100
Unknown	3400	J	ug/kg			100
Unknown Benzene	8400	J	ug/kg			100
Unknown	7600	J	ug/kg			100
Unknown Benzene	5900	J	ug/kg			100
Unknown Benzene	5600	J	ug/kg			100
Indan, 1-methyl-	14000	NJ	ug/kg			100
Unknown Aromatic	7600	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-37 D
 Client ID: P1-2 (3-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 19:30
 Analyst: MV
 Percent Solids: 82%

Date Collected: 06/29/16 14:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	350	J	ug/kg	3000	340	250
1,1-Dichloroethane	ND		ug/kg	460	26.	250
Chloroform	ND		ug/kg	460	110	250
Carbon tetrachloride	ND		ug/kg	300	64.	250
1,2-Dichloropropane	ND		ug/kg	1100	69.	250
Dibromochloromethane	ND		ug/kg	300	47.	250
1,1,2-Trichloroethane	ND		ug/kg	460	92.	250
Tetrachloroethene	ND		ug/kg	300	43.	250
Chlorobenzene	ND		ug/kg	300	100	250
Trichlorofluoromethane	ND		ug/kg	1500	120	250
1,2-Dichloroethane	ND		ug/kg	300	34.	250
1,1,1-Trichloroethane	ND		ug/kg	300	34.	250
Bromodichloromethane	ND		ug/kg	300	53.	250
trans-1,3-Dichloropropene	ND		ug/kg	300	37.	250
cis-1,3-Dichloropropene	ND		ug/kg	300	36.	250
Bromoform	ND		ug/kg	1200	72.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	300	31.	250
Benzene	2300		ug/kg	300	36.	250
Toluene	1900		ug/kg	460	59.	250
Ethylbenzene	3500		ug/kg	300	39.	250
Chloromethane	ND		ug/kg	1500	90.	250
Bromomethane	ND		ug/kg	610	100	250
Vinyl chloride	ND		ug/kg	610	36.	250
Chloroethane	ND		ug/kg	610	96.	250
1,1-Dichloroethene	ND		ug/kg	300	80.	250
trans-1,2-Dichloroethene	ND		ug/kg	460	64.	250
Trichloroethene	ND		ug/kg	300	38.	250
1,2-Dichlorobenzene	ND		ug/kg	1500	47.	250
1,3-Dichlorobenzene	ND		ug/kg	1500	41.	250
1,4-Dichlorobenzene	ND		ug/kg	1500	42.	250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-37 D

Date Collected: 06/29/16 14:20

Client ID: P1-2 (3-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	610	26.	250
p/m-Xylene	4200		ug/kg	610	60.	250
o-Xylene	ND		ug/kg	610	52.	250
cis-1,2-Dichloroethene	ND		ug/kg	300	43.	250
Styrene	ND		ug/kg	610	120	250
Dichlorodifluoromethane	ND		ug/kg	3000	58.	250
Acetone	ND		ug/kg	3000	320	250
Carbon disulfide	ND		ug/kg	3000	340	250
2-Butanone	ND		ug/kg	3000	83.	250
4-Methyl-2-pentanone	ND		ug/kg	3000	74.	250
2-Hexanone	ND		ug/kg	3000	200	250
Bromochloromethane	ND		ug/kg	1500	84.	250
1,2-Dibromoethane	ND		ug/kg	1200	53.	250
n-Butylbenzene	ND		ug/kg	300	35.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	1500	120	250
Isopropylbenzene	840		ug/kg	300	32.	250
n-Propylbenzene	2100		ug/kg	300	33.	250
1,2,3-Trichlorobenzene	ND		ug/kg	1500	45.	250
1,2,4-Trichlorobenzene	ND		ug/kg	1500	55.	250
1,3,5-Trimethylbenzene	420	J	ug/kg	1500	44.	250
1,2,4-Trimethylbenzene	4100		ug/kg	1500	43.	250
Methyl Acetate	ND		ug/kg	6100	82.	250
Cyclohexane	ND		ug/kg	6100	44.	250
1,4-Dioxane	ND		ug/kg	30000	4400	250
Freon-113	ND		ug/kg	6100	83.	250
Methyl cyclohexane	3800		ug/kg	1200	47.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-37 D
 Client ID: P1-2 (3-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 14:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	440000	J	ug/kg			250
Pentane, 2,3,4-trimethyl-	30000	NJ	ug/kg			250
Unknown Alkane	36000	J	ug/kg			250
Unknown Cyclohexane	49000	J	ug/kg			250
Unknown	36000	J	ug/kg			250
Unknown Cyclohexane	50000	J	ug/kg			250
Unknown	74000	J	ug/kg			250
Unknown	52000	J	ug/kg			250
Unknown	43000	J	ug/kg			250
Unknown Naphthalene	38000	J	ug/kg			250
Unknown	35000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	131	Q	70-130
4-Bromofluorobenzene	208	Q	70-130
Dibromofluoromethane	103		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-38 D
 Client ID: P1-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 19:56
 Analyst: MV
 Percent Solids: 72%

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14000	1600	1250
1,1-Dichloroethane	ND		ug/kg	2100	120	1250
Chloroform	ND		ug/kg	2100	520	1250
Carbon tetrachloride	ND		ug/kg	1400	300	1250
1,2-Dichloropropane	ND		ug/kg	4900	320	1250
Dibromochloromethane	ND		ug/kg	1400	220	1250
1,1,2-Trichloroethane	ND		ug/kg	2100	430	1250
Tetrachloroethene	ND		ug/kg	1400	200	1250
Chlorobenzene	ND		ug/kg	1400	490	1250
Trichlorofluoromethane	ND		ug/kg	7000	550	1250
1,2-Dichloroethane	ND		ug/kg	1400	160	1250
1,1,1-Trichloroethane	ND		ug/kg	1400	160	1250
Bromodichloromethane	ND		ug/kg	1400	240	1250
trans-1,3-Dichloropropene	ND		ug/kg	1400	170	1250
cis-1,3-Dichloropropene	ND		ug/kg	1400	160	1250
Bromoform	ND		ug/kg	5600	330	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	1400	140	1250
Benzene	740	J	ug/kg	1400	170	1250
Toluene	440	J	ug/kg	2100	270	1250
Ethylbenzene	ND		ug/kg	1400	180	1250
Chloromethane	ND		ug/kg	7000	410	1250
Bromomethane	ND		ug/kg	2800	480	1250
Vinyl chloride	ND		ug/kg	2800	160	1250
Chloroethane	ND		ug/kg	2800	440	1250
1,1-Dichloroethene	ND		ug/kg	1400	370	1250
trans-1,2-Dichloroethene	ND		ug/kg	2100	300	1250
Trichloroethene	ND		ug/kg	1400	180	1250
1,2-Dichlorobenzene	ND		ug/kg	7000	220	1250
1,3-Dichlorobenzene	ND		ug/kg	7000	190	1250
1,4-Dichlorobenzene	ND		ug/kg	7000	190	1250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-38 D

Date Collected: 06/30/16 08:30

Client ID: P1-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2800	120	1250
p/m-Xylene	18000		ug/kg	2800	280	1250
o-Xylene	ND		ug/kg	2800	240	1250
cis-1,2-Dichloroethene	ND		ug/kg	1400	200	1250
Styrene	ND		ug/kg	2800	560	1250
Dichlorodifluoromethane	ND		ug/kg	14000	270	1250
Acetone	ND		ug/kg	14000	1400	1250
Carbon disulfide	ND		ug/kg	14000	1600	1250
2-Butanone	ND		ug/kg	14000	380	1250
4-Methyl-2-pentanone	ND		ug/kg	14000	340	1250
2-Hexanone	ND		ug/kg	14000	940	1250
Bromochloromethane	ND		ug/kg	7000	390	1250
1,2-Dibromoethane	ND		ug/kg	5600	240	1250
n-Butylbenzene	5300		ug/kg	1400	160	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	7000	560	1250
Isopropylbenzene	6700		ug/kg	1400	150	1250
n-Propylbenzene	13000		ug/kg	1400	150	1250
1,2,3-Trichlorobenzene	ND		ug/kg	7000	210	1250
1,2,4-Trichlorobenzene	ND		ug/kg	7000	260	1250
1,3,5-Trimethylbenzene	ND		ug/kg	7000	200	1250
1,2,4-Trimethylbenzene	140000		ug/kg	7000	200	1250
Methyl Acetate	ND		ug/kg	28000	380	1250
Cyclohexane	36000		ug/kg	28000	200	1250
1,4-Dioxane	ND		ug/kg	140000	20000	1250
Freon-113	ND		ug/kg	28000	380	1250
Methyl cyclohexane	150000		ug/kg	5600	220	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-38 D
 Client ID: P1-1 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	410000	J	ug/kg			1250
Unknown Cycloalkane	28000	J	ug/kg			1250
Unknown Alkane	92000	J	ug/kg			1250
Heptane, 3-methyl-	32000	NJ	ug/kg			1250
Unknown Cyclohexane	68000	J	ug/kg			1250
Cyclohexane, ethyl-	17000	NJ	ug/kg			1250
Unknown	16000	J	ug/kg			1250
Unknown Benzene	37000	J	ug/kg			1250
Unknown Benzene	44000	J	ug/kg			1250
Unknown Benzene	37000	J	ug/kg			1250
Unknown Benzene	40000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-39 D
 Client ID: P1-1 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 22:55
 Analyst: CBN
 Percent Solids: 54%

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7800	860	500
1,1-Dichloroethane	ND		ug/kg	1200	67.	500
Chloroform	ND		ug/kg	1200	290	500
Carbon tetrachloride	ND		ug/kg	780	160	500
1,2-Dichloropropane	ND		ug/kg	2700	180	500
Dibromochloromethane	ND		ug/kg	780	120	500
1,1,2-Trichloroethane	ND		ug/kg	1200	240	500
Tetrachloroethene	ND		ug/kg	780	110	500
Chlorobenzene	ND		ug/kg	780	270	500
Trichlorofluoromethane	ND		ug/kg	3900	300	500
1,2-Dichloroethane	ND		ug/kg	780	88.	500
1,1,1-Trichloroethane	ND		ug/kg	780	86.	500
Bromodichloromethane	ND		ug/kg	780	140	500
trans-1,3-Dichloropropene	ND		ug/kg	780	94.	500
cis-1,3-Dichloropropene	ND		ug/kg	780	92.	500
Bromoform	ND		ug/kg	3100	180	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	780	79.	500
Benzene	540	J	ug/kg	780	92.	500
Toluene	160	J	ug/kg	1200	150	500
Ethylbenzene	200	J	ug/kg	780	99.	500
Chloromethane	ND		ug/kg	3900	230	500
Bromomethane	ND		ug/kg	1600	260	500
Vinyl chloride	ND		ug/kg	1600	92.	500
Chloroethane	ND		ug/kg	1600	250	500
1,1-Dichloroethene	ND		ug/kg	780	200	500
trans-1,2-Dichloroethene	ND		ug/kg	1200	160	500
Trichloroethene	ND		ug/kg	780	98.	500
1,2-Dichlorobenzene	ND		ug/kg	3900	120	500
1,3-Dichlorobenzene	ND		ug/kg	3900	100	500
1,4-Dichlorobenzene	ND		ug/kg	3900	110	500

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-39 D

Date Collected: 06/30/16 08:30

Client ID: P1-1 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1600	66.	500
p/m-Xylene	1900		ug/kg	1600	150	500
o-Xylene	ND		ug/kg	1600	130	500
cis-1,2-Dichloroethene	ND		ug/kg	780	110	500
Styrene	ND		ug/kg	1600	310	500
Dichlorodifluoromethane	ND		ug/kg	7800	150	500
Acetone	ND		ug/kg	7800	810	500
Carbon disulfide	ND		ug/kg	7800	860	500
2-Butanone	ND		ug/kg	7800	210	500
4-Methyl-2-pentanone	ND		ug/kg	7800	190	500
2-Hexanone	ND		ug/kg	7800	520	500
Bromochloromethane	ND		ug/kg	3900	220	500
1,2-Dibromoethane	ND		ug/kg	3100	140	500
n-Butylbenzene	1600		ug/kg	780	90.	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	3900	310	500
Isopropylbenzene	2800		ug/kg	780	81.	500
n-Propylbenzene	5400		ug/kg	780	85.	500
1,2,3-Trichlorobenzene	ND		ug/kg	3900	120	500
1,2,4-Trichlorobenzene	ND		ug/kg	3900	140	500
1,3,5-Trimethylbenzene	ND		ug/kg	3900	110	500
1,2,4-Trimethylbenzene	57000		ug/kg	3900	110	500
Methyl Acetate	ND		ug/kg	16000	210	500
Cyclohexane	18000		ug/kg	16000	110	500
1,4-Dioxane	ND		ug/kg	78000	11000	500
Freon-113	ND		ug/kg	16000	210	500
Methyl cyclohexane	48000		ug/kg	3100	120	500

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-39 D
 Client ID: P1-1 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	120000	J	ug/kg			500
Unknown	22000	J	ug/kg			500
Unknown	10000	J	ug/kg			500
Cyclohexane, ethyl-	6400	NJ	ug/kg			500
Unknown Benzene	10000	J	ug/kg			500
Unknown Benzene	14000	J	ug/kg			500
Unknown Benzene	12000	J	ug/kg			500
Unknown Aromatic	10000	J	ug/kg			500
Unknown Benzene	15000	J	ug/kg			500
Unknown Benzene	8000	J	ug/kg			500
Unknown Aromatic	8700	J	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	87		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-40 D
 Client ID: P2-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 12:30
 Analyst: MV
 Percent Solids: 60%

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Methylene chloride	ND		ug/kg	17000	1800	1000
1,1-Dichloroethane	ND		ug/kg	2500	140	1000
Chloroform	ND		ug/kg	2500	620	1000
Carbon tetrachloride	ND		ug/kg	1700	350	1000
1,2-Dichloropropane	ND		ug/kg	5900	380	1000
Dibromochloromethane	ND		ug/kg	1700	260	1000
1,1,2-Trichloroethane	ND		ug/kg	2500	510	1000
Tetrachloroethene	ND		ug/kg	1700	240	1000
Chlorobenzene	ND		ug/kg	1700	580	1000
Trichlorofluoromethane	ND		ug/kg	8400	650	1000
1,2-Dichloroethane	ND		ug/kg	1700	190	1000
1,1,1-Trichloroethane	ND		ug/kg	1700	180	1000
Bromodichloromethane	ND		ug/kg	1700	290	1000
trans-1,3-Dichloropropene	ND		ug/kg	1700	200	1000
cis-1,3-Dichloropropene	ND		ug/kg	1700	200	1000
Bromoform	ND		ug/kg	6700	400	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	1700	170	1000
Benzene	1300	J	ug/kg	1700	200	1000
Toluene	540	J	ug/kg	2500	330	1000
Ethylbenzene	2600		ug/kg	1700	210	1000
Chloromethane	ND		ug/kg	8400	490	1000
Bromomethane	ND		ug/kg	3400	570	1000
Vinyl chloride	ND		ug/kg	3400	200	1000
Chloroethane	ND		ug/kg	3400	530	1000
1,1-Dichloroethene	ND		ug/kg	1700	440	1000
trans-1,2-Dichloroethene	ND		ug/kg	2500	360	1000
Trichloroethene	ND		ug/kg	1700	210	1000
1,2-Dichlorobenzene	ND		ug/kg	8400	260	1000
1,3-Dichlorobenzene	ND		ug/kg	8400	230	1000
1,4-Dichlorobenzene	ND		ug/kg	8400	230	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-40 D
Client ID: P2-1 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:40
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3400	140	1000
p/m-Xylene	63000		ug/kg	3400	330	1000
o-Xylene	2200	J	ug/kg	3400	290	1000
cis-1,2-Dichloroethene	ND		ug/kg	1700	240	1000
Styrene	ND		ug/kg	3400	670	1000
Dichlorodifluoromethane	ND		ug/kg	17000	320	1000
Acetone	ND		ug/kg	17000	1700	1000
Carbon disulfide	ND		ug/kg	17000	1800	1000
2-Butanone	ND		ug/kg	17000	460	1000
4-Methyl-2-pentanone	ND		ug/kg	17000	410	1000
2-Hexanone	ND		ug/kg	17000	1100	1000
Bromochloromethane	ND		ug/kg	8400	460	1000
1,2-Dibromoethane	ND		ug/kg	6700	290	1000
n-Butylbenzene	6500		ug/kg	1700	190	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	8400	660	1000
Isopropylbenzene	7700		ug/kg	1700	170	1000
n-Propylbenzene	20000		ug/kg	1700	180	1000
1,2,3-Trichlorobenzene	ND		ug/kg	8400	250	1000
1,2,4-Trichlorobenzene	ND		ug/kg	8400	300	1000
1,3,5-Trimethylbenzene	1100	J	ug/kg	8400	240	1000
1,2,4-Trimethylbenzene	220000		ug/kg	8400	240	1000
Methyl Acetate	ND		ug/kg	34000	450	1000
Cyclohexane	68000		ug/kg	34000	240	1000
1,4-Dioxane	ND		ug/kg	170000	24000	1000
Freon-113	ND		ug/kg	34000	460	1000
Methyl cyclohexane	160000		ug/kg	6700	260	1000

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-40 D

Date Collected: 06/30/16 08:40

Client ID: P2-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	560000	J	ug/kg			1000
Pentane, 2-methyl-	50000	NJ	ug/kg			1000
Cyclopentane, Methyl-	59000	NJ	ug/kg			1000
Unknown Alkane	100000	J	ug/kg			1000
Unknown	50000	J	ug/kg			1000
Unknown Cyclohexane	58000	J	ug/kg			1000
Unknown Benzene	46000	J	ug/kg			1000
Unknown Benzene	55000	J	ug/kg			1000
Unknown Benzene	44000	J	ug/kg			1000
Unknown Benzene	52000	J	ug/kg			1000
Unknown Aromatic	45000	J	ug/kg			1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	89		70-130

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-41 D
 Client ID: P2-1 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 23:20
 Analyst: PP
 Percent Solids: 52%

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	900	100	50
1,1-Dichloroethane	ND		ug/kg	140	7.7	50
Chloroform	ND		ug/kg	140	33.	50
Carbon tetrachloride	ND		ug/kg	90	19.	50
1,2-Dichloropropane	ND		ug/kg	320	20.	50
Dibromochloromethane	ND		ug/kg	90	14.	50
1,1,2-Trichloroethane	ND		ug/kg	140	27.	50
Tetrachloroethene	ND		ug/kg	90	13.	50
Chlorobenzene	ND		ug/kg	90	31.	50
Trichlorofluoromethane	ND		ug/kg	450	35.	50
1,2-Dichloroethane	ND		ug/kg	90	10.	50
1,1,1-Trichloroethane	ND		ug/kg	90	10.	50
Bromodichloromethane	ND		ug/kg	90	16.	50
trans-1,3-Dichloropropene	ND		ug/kg	90	11.	50
cis-1,3-Dichloropropene	ND		ug/kg	90	11.	50
Bromoform	ND		ug/kg	360	21.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	90	9.1	50
Benzene	70	J	ug/kg	90	11.	50
Toluene	ND		ug/kg	140	18.	50
Ethylbenzene	86	J	ug/kg	90	11.	50
Chloromethane	ND		ug/kg	450	26.	50
Bromomethane	ND		ug/kg	180	30.	50
Vinyl chloride	ND		ug/kg	180	10.	50
Chloroethane	ND		ug/kg	180	28.	50
1,1-Dichloroethene	ND		ug/kg	90	24.	50
trans-1,2-Dichloroethene	ND		ug/kg	140	19.	50
Trichloroethene	ND		ug/kg	90	11.	50
1,2-Dichlorobenzene	ND		ug/kg	450	14.	50
1,3-Dichlorobenzene	ND		ug/kg	450	12.	50
1,4-Dichlorobenzene	ND		ug/kg	450	12.	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-41 D

Date Collected: 06/30/16 08:40

Client ID: P2-1 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	180	7.6	50
p/m-Xylene	1100		ug/kg	180	18.	50
o-Xylene	25	J	ug/kg	180	15.	50
cis-1,2-Dichloroethene	ND		ug/kg	90	13.	50
Styrene	ND		ug/kg	180	36.	50
Dichlorodifluoromethane	ND		ug/kg	900	17.	50
Acetone	ND		ug/kg	900	93.	50
Carbon disulfide	ND		ug/kg	900	99.	50
2-Butanone	ND		ug/kg	900	24.	50
4-Methyl-2-pentanone	ND		ug/kg	900	22.	50
2-Hexanone	ND		ug/kg	900	60.	50
Bromochloromethane	ND		ug/kg	450	25.	50
1,2-Dibromoethane	ND		ug/kg	360	16.	50
n-Butylbenzene	200		ug/kg	90	10.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	450	36.	50
Isopropylbenzene	440		ug/kg	90	9.4	50
n-Propylbenzene	450		ug/kg	90	9.8	50
1,2,3-Trichlorobenzene	ND		ug/kg	450	13.	50
1,2,4-Trichlorobenzene	ND		ug/kg	450	16.	50
1,3,5-Trimethylbenzene	25	J	ug/kg	450	13.	50
1,2,4-Trimethylbenzene	5100		ug/kg	450	13.	50
Methyl Acetate	ND		ug/kg	1800	24.	50
Cyclohexane	1700	J	ug/kg	1800	13.	50
1,4-Dioxane	ND		ug/kg	9000	1300	50
Freon-113	ND		ug/kg	1800	25.	50
Methyl cyclohexane	4100		ug/kg	360	14.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-41 D
 Client ID: P2-1 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	15000	J	ug/kg			50
Unknown	1900	J	ug/kg			50
Unknown	1300	J	ug/kg			50
Unknown Cyclohexane	1600	J	ug/kg			50
Unknown Benzene	2500	J	ug/kg			50
Unknown Benzene	1400	J	ug/kg			50
Unknown Benzene	1200	J	ug/kg			50
Unknown Benzene	1600	J	ug/kg			50
Unknown	1100	J	ug/kg			50
Unknown Benzene	1400	J	ug/kg			50
Unknown	1200	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	85		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-42
 Client ID: P2-2 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 13:25
 Analyst: MV
 Percent Solids: 75%

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.14	1
Benzene	0.48	J	ug/kg	1.3	0.16	1
Toluene	0.85	J	ug/kg	2.0	0.26	1
Ethylbenzene	0.59	J	ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.7	0.39	1
Bromomethane	ND		ug/kg	2.7	0.45	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.18	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-42
 Client ID: P2-2 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	0.14	J	ug/kg	2.7	0.11	1
p/m-Xylene	1.6	J	ug/kg	2.7	0.26	1
o-Xylene	0.49	J	ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	13	0.26	1
Acetone	24		ug/kg	13	1.4	1
Carbon disulfide	4.6	J	ug/kg	13	1.5	1
2-Butanone	6.0	J	ug/kg	13	0.36	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.33	1
2-Hexanone	ND		ug/kg	13	0.89	1
Bromochloromethane	ND		ug/kg	6.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.23	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	0.53	1
Isopropylbenzene	0.42	J	ug/kg	1.3	0.14	1
n-Propylbenzene	0.44	J	ug/kg	1.3	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	0.24	1
1,3,5-Trimethylbenzene	0.69	J	ug/kg	6.7	0.19	1
1,2,4-Trimethylbenzene	2.4	J	ug/kg	6.7	0.19	1
Methyl Acetate	ND		ug/kg	27	0.36	1
Cyclohexane	0.43	J	ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	27	0.37	1
Methyl cyclohexane	1.5	J	ug/kg	5.4	0.21	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-42
 Client ID: P2-2 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	390	J	ug/kg			1
Unknown	22	J	ug/kg			1
Unknown	41	J	ug/kg			1
Unknown	23	J	ug/kg			1
Unknown	27	J	ug/kg			1
Unknown	24	J	ug/kg			1
Unknown	33	J	ug/kg			1
Unknown	95	J	ug/kg			1
Unknown Alkane	43	J	ug/kg			1
Unknown	39	J	ug/kg			1
Unknown	46	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	86		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-43
 Client ID: P2-2 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 13:53
 Analyst: MV
 Percent Solids: 65%

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	1.5		ug/kg	1.4	0.16	1
Toluene	2.2		ug/kg	2.1	0.27	1
Ethylbenzene	2.7		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-43
 Client ID: P2-2 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	1.0	J	ug/kg	2.8	0.12	1
p/m-Xylene	11		ug/kg	2.8	0.28	1
o-Xylene	5.0		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.27	1
Acetone	17		ug/kg	14	1.4	1
Carbon disulfide	2.4	J	ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.38	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
2-Hexanone	ND		ug/kg	14	0.93	1
Bromochloromethane	ND		ug/kg	7.0	0.39	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.24	1
n-Butylbenzene	0.60	J	ug/kg	1.4	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.55	1
Isopropylbenzene	3.2		ug/kg	1.4	0.14	1
n-Propylbenzene	2.6		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.25	1
1,3,5-Trimethylbenzene	7.4		ug/kg	7.0	0.20	1
1,2,4-Trimethylbenzene	27		ug/kg	7.0	0.20	1
Methyl Acetate	ND		ug/kg	28	0.38	1
Cyclohexane	7.2	J	ug/kg	28	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	28	0.38	1
Methyl cyclohexane	16		ug/kg	5.6	0.22	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-43
 Client ID: P2-2 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	770	J	ug/kg			1
Unknown Aromatic	50	J	ug/kg			1
Unknown Benzene	27	J	ug/kg			1
Tridecane, 7-methyl-	46	NJ	ug/kg			1
Unknown	36	J	ug/kg			1
Unknown Aromatic	250	J	ug/kg			1
Pentadecane, 7-methyl-	51	NJ	ug/kg			1
Unknown Aromatic	63	J	ug/kg			1
Unknown	100	J	ug/kg			1
Unknown Naphthalene	39	J	ug/kg			1
Unknown Naphthalene	110	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	78		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-44
 Client ID: P2-3 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 14:21
 Analyst: MV
 Percent Solids: 44%

Date Collected: 06/30/16 09:25
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	21	2.3	1
1,1-Dichloroethane	ND		ug/kg	3.2	0.18	1
Chloroform	ND		ug/kg	3.2	0.78	1
Carbon tetrachloride	ND		ug/kg	2.1	0.44	1
1,2-Dichloropropane	ND		ug/kg	7.4	0.48	1
Dibromochloromethane	ND		ug/kg	2.1	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	3.2	0.64	1
Tetrachloroethene	ND		ug/kg	2.1	0.30	1
Chlorobenzene	ND		ug/kg	2.1	0.74	1
Trichlorofluoromethane	ND		ug/kg	10	0.82	1
1,2-Dichloroethane	ND		ug/kg	2.1	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	2.1	0.23	1
Bromodichloromethane	ND		ug/kg	2.1	0.37	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	2.1	0.25	1
Bromoform	ND		ug/kg	8.4	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	0.21	1
Benzene	120		ug/kg	2.1	0.25	1
Toluene	1.1	J	ug/kg	3.2	0.41	1
Ethylbenzene	1.2	J	ug/kg	2.1	0.27	1
Chloromethane	ND		ug/kg	10	0.62	1
Bromomethane	ND		ug/kg	4.2	0.71	1
Vinyl chloride	ND		ug/kg	4.2	0.25	1
Chloroethane	ND		ug/kg	4.2	0.67	1
1,1-Dichloroethene	ND		ug/kg	2.1	0.55	1
trans-1,2-Dichloroethene	ND		ug/kg	3.2	0.45	1
Trichloroethene	ND		ug/kg	2.1	0.26	1
1,2-Dichlorobenzene	ND		ug/kg	10	0.32	1
1,3-Dichlorobenzene	ND		ug/kg	10	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	10	0.29	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-44
Client ID: P2-3 (8-10)
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:25
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	3.3	J	ug/kg	4.2	0.18	1
p/m-Xylene	7.9		ug/kg	4.2	0.42	1
o-Xylene	0.79	J	ug/kg	4.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Styrene	ND		ug/kg	4.2	0.85	1
Dichlorodifluoromethane	ND		ug/kg	21	0.40	1
Acetone	36		ug/kg	21	2.2	1
Carbon disulfide	ND		ug/kg	21	2.3	1
2-Butanone	ND		ug/kg	21	0.58	1
4-Methyl-2-pentanone	ND		ug/kg	21	0.52	1
2-Hexanone	ND		ug/kg	21	1.4	1
Bromochloromethane	ND		ug/kg	10	0.58	1
1,2-Dibromoethane	ND		ug/kg	8.4	0.37	1
n-Butylbenzene	0.46	J	ug/kg	2.1	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	10	0.84	1
Isopropylbenzene	59		ug/kg	2.1	0.22	1
n-Propylbenzene	12		ug/kg	2.1	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	10	0.38	1
1,3,5-Trimethylbenzene	0.98	J	ug/kg	10	0.30	1
1,2,4-Trimethylbenzene	74		ug/kg	10	0.30	1
Methyl Acetate	ND		ug/kg	42	0.57	1
Cyclohexane	120		ug/kg	42	0.31	1
1,4-Dioxane	ND		ug/kg	210	30.	1
Freon-113	ND		ug/kg	42	0.58	1
Methyl cyclohexane	35		ug/kg	8.4	0.33	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-44
 Client ID: P2-3 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:25
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	320	J	ug/kg			1
Butane, 2-Methyl-	56	NJ	ug/kg			1
Pentane, 2-methyl-	38	NJ	ug/kg			1
Pentane, 3-methyl-	25	NJ	ug/kg			1
Cyclopentane, Methyl-	48	NJ	ug/kg			1
Unknown Cycloalkane	38	J	ug/kg			1
Unknown Benzene	36	J	ug/kg			1
Unknown Benzene	18	J	ug/kg			1
Unknown Benzene	22	J	ug/kg			1
Unknown Aromatic	22	J	ug/kg			1
Unknown Benzene	21	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	91		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-45 D2
 Client ID: DUP01
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/13/16 00:12
 Analyst: PP
 Percent Solids: 49%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	52000		ug/kg	900	26.	100
Methyl cyclohexane	42000		ug/kg	720	28.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	81		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-45 D
 Client ID: DUP01
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 16:38
 Analyst: MV
 Percent Solids: 49%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	900	100	50
1,1-Dichloroethane	ND		ug/kg	140	7.8	50
Chloroform	ND		ug/kg	140	34.	50
Carbon tetrachloride	ND		ug/kg	90	19.	50
1,2-Dichloropropane	ND		ug/kg	320	21.	50
Dibromochloromethane	ND		ug/kg	90	14.	50
1,1,2-Trichloroethane	ND		ug/kg	140	28.	50
Tetrachloroethene	ND		ug/kg	90	13.	50
Chlorobenzene	ND		ug/kg	90	32.	50
Trichlorofluoromethane	ND		ug/kg	450	35.	50
1,2-Dichloroethane	ND		ug/kg	90	10.	50
1,1,1-Trichloroethane	ND		ug/kg	90	10.	50
Bromodichloromethane	ND		ug/kg	90	16.	50
trans-1,3-Dichloropropene	ND		ug/kg	90	11.	50
cis-1,3-Dichloropropene	ND		ug/kg	90	11.	50
Bromoform	ND		ug/kg	360	21.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	90	9.1	50
Benzene	45	J	ug/kg	90	11.	50
Toluene	ND		ug/kg	140	18.	50
Ethylbenzene	2800		ug/kg	90	12.	50
Chloromethane	ND		ug/kg	450	27.	50
Bromomethane	ND		ug/kg	180	31.	50
Vinyl chloride	ND		ug/kg	180	11.	50
Chloroethane	ND		ug/kg	180	29.	50
1,1-Dichloroethene	ND		ug/kg	90	24.	50
trans-1,2-Dichloroethene	ND		ug/kg	140	19.	50
Trichloroethene	ND		ug/kg	90	11.	50
1,2-Dichlorobenzene	ND		ug/kg	450	14.	50
1,3-Dichlorobenzene	ND		ug/kg	450	12.	50
1,4-Dichlorobenzene	ND		ug/kg	450	12.	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-45 D

Date Collected: 06/29/16 12:00

Client ID: DUP01

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	180	7.6	50
p/m-Xylene	6700		ug/kg	180	18.	50
o-Xylene	220		ug/kg	180	16.	50
cis-1,2-Dichloroethene	ND		ug/kg	90	13.	50
Styrene	ND		ug/kg	180	36.	50
Dichlorodifluoromethane	ND		ug/kg	900	17.	50
Acetone	180	J	ug/kg	900	94.	50
Carbon disulfide	ND		ug/kg	900	100	50
2-Butanone	ND		ug/kg	900	25.	50
4-Methyl-2-pentanone	ND		ug/kg	900	22.	50
2-Hexanone	ND		ug/kg	900	60.	50
Bromochloromethane	ND		ug/kg	450	25.	50
1,2-Dibromoethane	ND		ug/kg	360	16.	50
n-Butylbenzene	2300		ug/kg	90	10.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	450	36.	50
Isopropylbenzene	1600		ug/kg	90	9.4	50
n-Propylbenzene	4300		ug/kg	90	9.9	50
1,2,3-Trichlorobenzene	ND		ug/kg	450	13.	50
1,2,4-Trichlorobenzene	ND		ug/kg	450	16.	50
1,3,5-Trimethylbenzene	1800		ug/kg	450	13.	50
1,2,4-Trimethylbenzene	44000	E	ug/kg	450	13.	50
Methyl Acetate	ND		ug/kg	1800	24.	50
Cyclohexane	8600		ug/kg	1800	13.	50
1,4-Dioxane	ND		ug/kg	9000	1300	50
Freon-113	ND		ug/kg	1800	25.	50
Methyl cyclohexane	34000	E	ug/kg	360	14.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-45 D
 Client ID: DUP01
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	130000	J	ug/kg			50
Unknown Alkane	15000	J	ug/kg			50
Unknown Cyclohexane	13000	J	ug/kg			50
Cyclohexane, propyl-	3500	NJ	ug/kg			50
Unknown	12000	J	ug/kg			50
Unknown Benzene	17000	J	ug/kg			50
Unknown Benzene	14000	J	ug/kg			50
Unknown Aromatic	11000	J	ug/kg			50
Unknown Benzene	18000	J	ug/kg			50
Unknown	17000	J	ug/kg			50
Unknown	13000	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	83		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-46 D
 Client ID: DUP02
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 17:06
 Analyst: MV
 Percent Solids: 59%

Date Collected: 06/30/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3900	430	250
1,1-Dichloroethane	ND		ug/kg	590	34.	250
Chloroform	ND		ug/kg	590	140	250
Carbon tetrachloride	ND		ug/kg	390	82.	250
1,2-Dichloropropane	ND		ug/kg	1400	90.	250
Dibromochloromethane	ND		ug/kg	390	60.	250
1,1,2-Trichloroethane	ND		ug/kg	590	120	250
Tetrachloroethene	ND		ug/kg	390	55.	250
Chlorobenzene	ND		ug/kg	390	140	250
Trichlorofluoromethane	ND		ug/kg	2000	150	250
1,2-Dichloroethane	ND		ug/kg	390	44.	250
1,1,1-Trichloroethane	ND		ug/kg	390	44.	250
Bromodichloromethane	ND		ug/kg	390	68.	250
trans-1,3-Dichloropropene	ND		ug/kg	390	47.	250
cis-1,3-Dichloropropene	ND		ug/kg	390	46.	250
Bromoform	ND		ug/kg	1600	93.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	390	40.	250
Benzene	470		ug/kg	390	46.	250
Toluene	140	J	ug/kg	590	76.	250
Ethylbenzene	150	J	ug/kg	390	50.	250
Chloromethane	ND		ug/kg	2000	120	250
Bromomethane	ND		ug/kg	790	130	250
Vinyl chloride	ND		ug/kg	790	46.	250
Chloroethane	ND		ug/kg	790	120	250
1,1-Dichloroethene	ND		ug/kg	390	100	250
trans-1,2-Dichloroethene	ND		ug/kg	590	83.	250
Trichloroethene	ND		ug/kg	390	49.	250
1,2-Dichlorobenzene	ND		ug/kg	2000	60.	250
1,3-Dichlorobenzene	ND		ug/kg	2000	53.	250
1,4-Dichlorobenzene	ND		ug/kg	2000	54.	250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-46 D

Date Collected: 06/30/16 12:00

Client ID: DUP02

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	790	33.	250
p/m-Xylene	3100		ug/kg	790	78.	250
o-Xylene	ND		ug/kg	790	68.	250
cis-1,2-Dichloroethene	ND		ug/kg	390	56.	250
Styrene	ND		ug/kg	790	160	250
Dichlorodifluoromethane	ND		ug/kg	3900	75.	250
Acetone	ND		ug/kg	3900	410	250
Carbon disulfide	ND		ug/kg	3900	430	250
2-Butanone	ND		ug/kg	3900	110	250
4-Methyl-2-pentanone	ND		ug/kg	3900	96.	250
2-Hexanone	ND		ug/kg	3900	260	250
Bromochloromethane	ND		ug/kg	2000	110	250
1,2-Dibromoethane	ND		ug/kg	1600	68.	250
n-Butylbenzene	430		ug/kg	390	45.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	2000	160	250
Isopropylbenzene	970		ug/kg	390	41.	250
n-Propylbenzene	1900		ug/kg	390	43.	250
1,2,3-Trichlorobenzene	ND		ug/kg	2000	58.	250
1,2,4-Trichlorobenzene	ND		ug/kg	2000	71.	250
1,3,5-Trimethylbenzene	ND		ug/kg	2000	56.	250
1,2,4-Trimethylbenzene	24000		ug/kg	2000	56.	250
Methyl Acetate	ND		ug/kg	7900	110	250
Cyclohexane	1300	J	ug/kg	7900	57.	250
1,4-Dioxane	ND		ug/kg	39000	5700	250
Freon-113	ND		ug/kg	7900	110	250
Methyl cyclohexane	3700		ug/kg	1600	61.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-46 D
 Client ID: DUP02
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	32000	J	ug/kg			250
Unknown Benzene	5000	J	ug/kg			250
Unknown Benzene	2300	J	ug/kg			250
Unknown Benzene	4400	J	ug/kg			250
Unknown Benzene	4100	J	ug/kg			250
Unknown Aromatic	3100	J	ug/kg			250
Unknown Benzene	4600	J	ug/kg			250
Unknown	2100	J	ug/kg			250
Unknown	2600	J	ug/kg			250
Unknown	2000	J	ug/kg			250
Unknown	2200	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	91		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-47 D
 Client ID: DUP03
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 17:33
 Analyst: MV
 Percent Solids: 55%

Date Collected: 06/30/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	23000	2500	1250
1,1-Dichloroethane	ND		ug/kg	3400	200	1250
Chloroform	ND		ug/kg	3400	840	1250
Carbon tetrachloride	ND		ug/kg	2300	480	1250
1,2-Dichloropropane	ND		ug/kg	8000	520	1250
Dibromochloromethane	ND		ug/kg	2300	350	1250
1,1,2-Trichloroethane	ND		ug/kg	3400	690	1250
Tetrachloroethene	ND		ug/kg	2300	320	1250
Chlorobenzene	ND		ug/kg	2300	800	1250
Trichlorofluoromethane	ND		ug/kg	11000	890	1250
1,2-Dichloroethane	ND		ug/kg	2300	260	1250
1,1,1-Trichloroethane	ND		ug/kg	2300	250	1250
Bromodichloromethane	ND		ug/kg	2300	400	1250
trans-1,3-Dichloropropene	ND		ug/kg	2300	280	1250
cis-1,3-Dichloropropene	ND		ug/kg	2300	270	1250
Bromoform	ND		ug/kg	9100	540	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	2300	230	1250
Benzene	850	J	ug/kg	2300	270	1250
Toluene	ND		ug/kg	3400	440	1250
Ethylbenzene	2300		ug/kg	2300	290	1250
Chloromethane	ND		ug/kg	11000	670	1250
Bromomethane	ND		ug/kg	4600	770	1250
Vinyl chloride	ND		ug/kg	4600	270	1250
Chloroethane	ND		ug/kg	4600	720	1250
1,1-Dichloroethene	ND		ug/kg	2300	600	1250
trans-1,2-Dichloroethene	ND		ug/kg	3400	480	1250
Trichloroethene	ND		ug/kg	2300	280	1250
1,2-Dichlorobenzene	ND		ug/kg	11000	350	1250
1,3-Dichlorobenzene	ND		ug/kg	11000	310	1250
1,4-Dichlorobenzene	ND		ug/kg	11000	320	1250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-47 D

Date Collected: 06/30/16 13:00

Client ID: DUP03

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	4600	190	1250
p/m-Xylene	56000		ug/kg	4600	450	1250
o-Xylene	1800	J	ug/kg	4600	390	1250
cis-1,2-Dichloroethene	ND		ug/kg	2300	330	1250
Styrene	ND		ug/kg	4600	920	1250
Dichlorodifluoromethane	ND		ug/kg	23000	440	1250
Acetone	ND		ug/kg	23000	2400	1250
Carbon disulfide	ND		ug/kg	23000	2500	1250
2-Butanone	ND		ug/kg	23000	620	1250
4-Methyl-2-pentanone	ND		ug/kg	23000	560	1250
2-Hexanone	ND		ug/kg	23000	1500	1250
Bromochloromethane	ND		ug/kg	11000	630	1250
1,2-Dibromoethane	ND		ug/kg	9100	400	1250
n-Butylbenzene	6900		ug/kg	2300	260	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	11000	900	1250
Isopropylbenzene	6800		ug/kg	2300	240	1250
n-Propylbenzene	18000		ug/kg	2300	250	1250
1,2,3-Trichlorobenzene	ND		ug/kg	11000	340	1250
1,2,4-Trichlorobenzene	ND		ug/kg	11000	420	1250
1,3,5-Trimethylbenzene	1400	J	ug/kg	11000	330	1250
1,2,4-Trimethylbenzene	200000		ug/kg	11000	320	1250
Methyl Acetate	ND		ug/kg	46000	620	1250
Cyclohexane	48000		ug/kg	46000	330	1250
1,4-Dioxane	ND		ug/kg	230000	33000	1250
Freon-113	ND		ug/kg	46000	630	1250
Methyl cyclohexane	130000		ug/kg	9100	350	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-47 D
 Client ID: DUP03
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	550000	J	ug/kg			1250
Unknown Alkane	81000	J	ug/kg			1250
Unknown Alkane	53000	J	ug/kg			1250
Unknown Cyclohexane	59000	J	ug/kg			1250
Unknown Benzene	49000	J	ug/kg			1250
Unknown	47000	J	ug/kg			1250
Unknown Benzene	61000	J	ug/kg			1250
Unknown Benzene	48000	J	ug/kg			1250
Unknown Benzene	58000	J	ug/kg			1250
Unknown Aromatic	55000	J	ug/kg			1250
Unknown Benzene	42000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	88		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-48
 Client ID: P2-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 18:01
 Analyst: MV
 Percent Solids: 63%

Date Collected: 06/30/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.12	1
Chloroform	ND		ug/kg	2.2	0.54	1
Carbon tetrachloride	ND		ug/kg	1.4	0.30	1
1,2-Dichloropropane	ND		ug/kg	5.1	0.33	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.44	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.3	0.56	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
Bromoform	ND		ug/kg	5.8	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.15	1
Benzene	1.1	J	ug/kg	1.4	0.17	1
Toluene	ND		ug/kg	2.2	0.28	1
Ethylbenzene	0.29	J	ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.3	0.43	1
Bromomethane	ND		ug/kg	2.9	0.49	1
Vinyl chloride	ND		ug/kg	2.9	0.17	1
Chloroethane	ND		ug/kg	2.9	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.31	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.3	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	7.3	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	7.3	0.20	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-48
 Client ID: P2-3 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	0.23	J	ug/kg	2.9	0.12	1
p/m-Xylene	0.52	J	ug/kg	2.9	0.29	1
o-Xylene	ND		ug/kg	2.9	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.21	1
Styrene	ND		ug/kg	2.9	0.58	1
Dichlorodifluoromethane	ND		ug/kg	14	0.28	1
Acetone	75		ug/kg	14	1.5	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	20		ug/kg	14	0.40	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
2-Hexanone	ND		ug/kg	14	0.97	1
Bromochloromethane	ND		ug/kg	7.3	0.40	1
1,2-Dibromoethane	ND		ug/kg	5.8	0.25	1
n-Butylbenzene	ND		ug/kg	1.4	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.3	0.58	1
Isopropylbenzene	22		ug/kg	1.4	0.15	1
n-Propylbenzene	1.3	J	ug/kg	1.4	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.3	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.3	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.3	0.21	1
1,2,4-Trimethylbenzene	0.71	J	ug/kg	7.3	0.20	1
Methyl Acetate	ND		ug/kg	29	0.39	1
Cyclohexane	1.6	J	ug/kg	29	0.21	1
1,4-Dioxane	ND		ug/kg	140	21.	1
Freon-113	ND		ug/kg	29	0.40	1
Methyl cyclohexane	3.4	J	ug/kg	5.8	0.22	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-48
 Client ID: P2-3 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	800	J	ug/kg			1
Unknown Benzene	19	J	ug/kg			1
Adamantane	29	NJ	ug/kg			1
Unknown Aromatic	28	J	ug/kg			1
Unknown	35	J	ug/kg			1
Unknown Aromatic	41	J	ug/kg			1
Unknown	23	J	ug/kg			1
Unknown	120	J	ug/kg			1
Benzene, pentamethyl-	280	NJ	ug/kg			1
Unknown	83	J	ug/kg			1
Unknown	140	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	90		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/16 22:22
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08 Batch: WG912617-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/16 22:22
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08 Batch: WG912617-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
n-Butylbenzene	ND		ug/kg	1.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/11/16 22:22
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08 Batch: WG912617-3					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/16 15:07
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-24,26-28 Batch: WG912784-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/16 15:07
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-24,26-28 Batch: WG912784-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
n-Butylbenzene	ND		ug/kg	1.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/11/16 15:07
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-24,26-28 Batch: WG912784-3					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/16 10:41
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,40,42-48 Batch: WG912970-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 10:41
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,40,42-48 Batch: WG912970-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
n-Butylbenzene	ND		ug/kg	1.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 10:41
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,40,42-48 Batch: WG912970-3					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 22:29
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,39,41,45 Batch: WG912970-8					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 22:29
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,39,41,45 Batch: WG912970-8					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
n-Butylbenzene	ND		ug/kg	1.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 22:29
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,39,41,45 Batch: WG912970-8					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	88		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 14:50
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-34,36-38 Batch: WG913002-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.55	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 14:50
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-34,36-38 Batch: WG913002-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
n-Butylbenzene	ND		ug/kg	1.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/16 14:50
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-34,36-38 Batch: WG913002-3					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/13/16 10:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG913105-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.40	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/13/16 10:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG913105-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
n-Butylbenzene	ND		ug/kg	1.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/13/16 10:45
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG913105-3					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Methylene chloride	104		104		70-130	0		30
1,1-Dichloroethane	106		107		70-130	1		30
Chloroform	99		99		70-130	0		30
Carbon tetrachloride	110		109		70-130	1		30
1,2-Dichloropropane	102		107		70-130	5		30
Dibromochloromethane	94		95		70-130	1		30
2-Chloroethylvinyl ether	88		88		70-130	0		30
1,1,2-Trichloroethane	98		98		70-130	0		30
Tetrachloroethene	110		113		70-130	3		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	103		100		70-139	3		30
1,2-Dichloroethane	98		98		70-130	0		30
1,1,1-Trichloroethane	107		105		70-130	2		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	97		98		70-130	1		30
1,1-Dichloropropene	104		104		70-130	0		30
Bromoform	91		90		70-130	1		30
1,1,2,2-Tetrachloroethane	84		84		70-130	0		30
Benzene	102		105		70-130	3		30
Toluene	90		90		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Ethylbenzene	101		100		70-130	1		30
Chloromethane	104		108		52-130	4		30
Bromomethane	94		87		57-147	8		30
Vinyl chloride	115		118		67-130	3		30
Chloroethane	101		97		50-151	4		30
1,1-Dichloroethene	112		116		65-135	4		30
trans-1,2-Dichloroethene	107		108		70-130	1		30
Trichloroethene	108		107		70-130	1		30
1,2-Dichlorobenzene	98		99		70-130	1		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	107		107		70-130	0		30
o-Xylene	104		105		70-130	1		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Dibromomethane	99		98		70-130	1		30
Styrene	105		106		70-130	1		30
Dichlorodifluoromethane	88		87		30-146	1		30
Acetone	101		94		54-140	7		30
Carbon disulfide	66		67		59-130	2		30
2-Butanone	109		104		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Vinyl acetate	101		105		70-130	4		30
4-Methyl-2-pentanone	93		93		70-130	0		30
1,2,3-Trichloropropane	86		84		68-130	2		30
2-Hexanone	79		76		70-130	4		30
Bromochloromethane	114		111		70-130	3		30
2,2-Dichloropropane	106		105		70-130	1		30
1,2-Dibromoethane	97		94		70-130	3		30
1,3-Dichloropropane	93		92		69-130	1		30
1,1,1,2-Tetrachloroethane	98		97		70-130	1		30
Bromobenzene	99		97		70-130	2		30
n-Butylbenzene	102		102		70-130	0		30
sec-Butylbenzene	103		105		70-130	2		30
tert-Butylbenzene	99		101		70-130	2		30
o-Chlorotoluene	103		102		70-130	1		30
p-Chlorotoluene	95		94		70-130	1		30
1,2-Dibromo-3-chloropropane	82		84		68-130	2		30
Hexachlorobutadiene	99		101		67-130	2		30
Isopropylbenzene	98		100		70-130	2		30
p-Isopropyltoluene	94		94		70-130	0		30
Naphthalene	78		79		70-130	1		30
Acrylonitrile	109		104		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Isopropyl Ether	115		116		66-130	1		30
tert-Butyl Alcohol	103		100		70-130	3		30
n-Propylbenzene	100		100		70-130	0		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	93		92		70-130	1		30
1,3,5-Trimethylbenzene	99		98		70-130	1		30
1,2,4-Trimethylbenzene	100		99		70-130	1		30
Methyl Acetate	114		113		51-146	1		30
Ethyl Acetate	33	Q	37	Q	70-130	11		30
Acrolein	93		96		70-130	3		30
Cyclohexane	130		132		59-142	2		30
1,4-Dioxane	82		84		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		115		50-139	1		30
p-Diethylbenzene	100		100		70-130	0		30
p-Ethyltoluene	101		101		70-130	0		30
1,2,4,5-Tetramethylbenzene	81		81		70-130	0		30
Tetrahydrofuran	88		93		66-130	6		30
Ethyl ether	100		100		67-130	0		30
trans-1,4-Dichloro-2-butene	96		92		70-130	4		30
Methyl cyclohexane	107		109		70-130	2		30
Ethyl-Tert-Butyl-Ether	110		111		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Tertiary-Amyl Methyl Ether	93		94		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		90		70-130
Toluene-d8	94		95		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Methylene chloride	100		97		70-130	3		30
1,1-Dichloroethane	110		104		70-130	6		30
Chloroform	108		100		70-130	8		30
Carbon tetrachloride	110		101		70-130	9		30
1,2-Dichloropropane	117		109		70-130	7		30
Dibromochloromethane	108		104		70-130	4		30
2-Chloroethylvinyl ether	106		101		70-130	5		30
1,1,2-Trichloroethane	113		111		70-130	2		30
Tetrachloroethene	105		99		70-130	6		30
Chlorobenzene	106		102		70-130	4		30
Trichlorofluoromethane	111		104		70-139	7		30
1,2-Dichloroethane	114		109		70-130	4		30
1,1,1-Trichloroethane	110		104		70-130	6		30
Bromodichloromethane	107		102		70-130	5		30
trans-1,3-Dichloropropene	111		106		70-130	5		30
cis-1,3-Dichloropropene	107		103		70-130	4		30
1,1-Dichloropropene	110		102		70-130	8		30
Bromoform	106		108		70-130	2		30
1,1,2,2-Tetrachloroethane	106		107		70-130	1		30
Benzene	107		101		70-130	6		30
Toluene	104		99		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Ethylbenzene	108		103		70-130	5		30
Chloromethane	123		111		52-130	10		30
Bromomethane	101		102		57-147	1		30
Vinyl chloride	104		97		67-130	7		30
Chloroethane	104		94		50-151	10		30
1,1-Dichloroethene	105		96		65-135	9		30
trans-1,2-Dichloroethene	103		96		70-130	7		30
Trichloroethene	113		108		70-130	5		30
1,2-Dichlorobenzene	107		106		70-130	1		30
1,3-Dichlorobenzene	102		104		70-130	2		30
1,4-Dichlorobenzene	101		104		70-130	3		30
Methyl tert butyl ether	101		99		66-130	2		30
p/m-Xylene	109		104		70-130	5		30
o-Xylene	109		105		70-130	4		30
cis-1,2-Dichloroethene	102		97		70-130	5		30
Dibromomethane	106		105		70-130	1		30
Styrene	107		104		70-130	3		30
Dichlorodifluoromethane	118		106		30-146	11		30
Acetone	117		100		54-140	16		30
Carbon disulfide	111		104		59-130	7		30
2-Butanone	117		108		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Vinyl acetate	122		113		70-130	8		30
4-Methyl-2-pentanone	105		99		70-130	6		30
1,2,3-Trichloropropane	108		108		68-130	0		30
2-Hexanone	119		116		70-130	3		30
Bromochloromethane	110		104		70-130	6		30
2,2-Dichloropropane	112		104		70-130	7		30
1,2-Dibromoethane	105		104		70-130	1		30
1,3-Dichloropropane	101		100		69-130	1		30
1,1,1,2-Tetrachloroethane	104		103		70-130	1		30
Bromobenzene	107		108		70-130	1		30
n-Butylbenzene	110		106		70-130	4		30
sec-Butylbenzene	107		103		70-130	4		30
tert-Butylbenzene	103		104		70-130	1		30
o-Chlorotoluene	109		107		70-130	2		30
p-Chlorotoluene	111		108		70-130	3		30
1,2-Dibromo-3-chloropropane	96		89		68-130	8		30
Hexachlorobutadiene	92		91		67-130	1		30
Isopropylbenzene	108		103		70-130	5		30
p-Isopropyltoluene	103		101		70-130	2		30
Naphthalene	99		96		70-130	3		30
Acrylonitrile	105		108		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Isopropyl Ether	118		112		66-130	5		30
tert-Butyl Alcohol	93		92		70-130	1		30
n-Propylbenzene	109		106		70-130	3		30
1,2,3-Trichlorobenzene	92		91		70-130	1		30
1,2,4-Trichlorobenzene	96		97		70-130	1		30
1,3,5-Trimethylbenzene	110		108		70-130	2		30
1,2,4-Trimethylbenzene	109		107		70-130	2		30
Methyl Acetate	107		108		51-146	1		30
Ethyl Acetate	218	Q	188	Q	70-130	15		30
Acrolein	126		108		70-130	15		30
Cyclohexane	117		103		59-142	13		30
1,4-Dioxane	90		86		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		99		50-139	8		30
p-Diethylbenzene	107		101		70-130	6		30
p-Ethyltoluene	112		104		70-130	7		30
1,2,4,5-Tetramethylbenzene	105		100		70-130	5		30
Tetrahydrofuran	108		131	Q	66-130	19		30
Ethyl ether	98		89		67-130	10		30
trans-1,4-Dichloro-2-butene	118		116		70-130	2		30
Methyl cyclohexane	111		101		70-130	9		30
Ethyl-Tert-Butyl-Ether	108		104		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Tertiary-Amyl Methyl Ether	105		100		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		102		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	102		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Methylene chloride	100		103		70-130	3		30
1,1-Dichloroethane	99		101		70-130	2		30
Chloroform	93		95		70-130	2		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	99		104		70-130	5		30
Dibromochloromethane	87		89		70-130	2		30
2-Chloroethylvinyl ether	114		119		70-130	4		30
1,1,2-Trichloroethane	96		100		70-130	4		30
Tetrachloroethene	84		86		70-130	2		30
Chlorobenzene	87		90		70-130	3		30
Trichlorofluoromethane	67	Q	75		70-139	11		30
1,2-Dichloroethane	95		96		70-130	1		30
1,1,1-Trichloroethane	92		93		70-130	1		30
Bromodichloromethane	93		97		70-130	4		30
trans-1,3-Dichloropropene	92		95		70-130	3		30
cis-1,3-Dichloropropene	94		96		70-130	2		30
1,1-Dichloropropene	92		94		70-130	2		30
Bromoform	90		95		70-130	5		30
1,1,2,2-Tetrachloroethane	99		103		70-130	4		30
Benzene	97		98		70-130	1		30
Toluene	88		90		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Ethylbenzene	88		91		70-130	3		30
Chloromethane	107		112		52-130	5		30
Bromomethane	92		89		57-147	3		30
Vinyl chloride	100		105		67-130	5		30
Chloroethane	83		88		50-151	6		30
1,1-Dichloroethene	94		99		65-135	5		30
trans-1,2-Dichloroethene	90		94		70-130	4		30
Trichloroethene	95		96		70-130	1		30
1,2-Dichlorobenzene	84		88		70-130	5		30
1,3-Dichlorobenzene	86		89		70-130	3		30
1,4-Dichlorobenzene	86		89		70-130	3		30
Methyl tert butyl ether	92		97		66-130	5		30
p/m-Xylene	89		90		70-130	1		30
o-Xylene	88		89		70-130	1		30
cis-1,2-Dichloroethene	90		94		70-130	4		30
Dibromomethane	91		95		70-130	4		30
Styrene	86		89		70-130	3		30
Dichlorodifluoromethane	77		80		30-146	4		30
Acetone	97		100		54-140	3		30
Carbon disulfide	98		101		59-130	3		30
2-Butanone	107		110		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Vinyl acetate	110		112		70-130	2		30
4-Methyl-2-pentanone	96		101		70-130	5		30
1,2,3-Trichloropropane	101		103		68-130	2		30
2-Hexanone	90		95		70-130	5		30
Bromochloromethane	90		92		70-130	2		30
2,2-Dichloropropane	97		97		70-130	0		30
1,2-Dibromoethane	88		93		70-130	6		30
1,3-Dichloropropane	94		97		69-130	3		30
1,1,1,2-Tetrachloroethane	86		88		70-130	2		30
Bromobenzene	83		86		70-130	4		30
n-Butylbenzene	91		96		70-130	5		30
sec-Butylbenzene	91		95		70-130	4		30
tert-Butylbenzene	88		91		70-130	3		30
o-Chlorotoluene	81		84		70-130	4		30
p-Chlorotoluene	95		96		70-130	1		30
1,2-Dibromo-3-chloropropane	84		95		68-130	12		30
Hexachlorobutadiene	82		88		67-130	7		30
Isopropylbenzene	88		92		70-130	4		30
p-Isopropyltoluene	87		92		70-130	6		30
Naphthalene	79		88		70-130	11		30
Acrylonitrile	121		127		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

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Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Isopropyl Ether	107		110		66-130	3		30
tert-Butyl Alcohol	102		108		70-130	6		30
n-Propylbenzene	93		96		70-130	3		30
1,2,3-Trichlorobenzene	79		86		70-130	8		30
1,2,4-Trichlorobenzene	77		84		70-130	9		30
1,3,5-Trimethylbenzene	94		95		70-130	1		30
1,2,4-Trimethylbenzene	92		95		70-130	3		30
Methyl Acetate	114		118		51-146	3		30
Ethyl Acetate	107		110		70-130	3		30
Acrolein	91		100		70-130	9		30
Cyclohexane	108		111		59-142	3		30
1,4-Dioxane	93		102		65-136	9		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		94		50-139	7		30
p-Diethylbenzene	88		93		70-130	6		30
p-Ethyltoluene	94		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	82		90		70-130	9		30
Tetrahydrofuran	113		117		66-130	3		30
Ethyl ether	86		91		67-130	6		30
trans-1,4-Dichloro-2-butene	109		108		70-130	1		30
Methyl cyclohexane	89		92		70-130	3		30
Ethyl-Tert-Butyl-Ether	101		103		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Tertiary-Amyl Methyl Ether	92		95		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		97		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	103		105		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Methylene chloride	97		94		70-130	3		30
1,1-Dichloroethane	100		96		70-130	4		30
Chloroform	86		84		70-130	2		30
Carbon tetrachloride	91		89		70-130	2		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	83		81		70-130	2		30
2-Chloroethylvinyl ether	89		89		70-130	0		30
1,1,2-Trichloroethane	90		90		70-130	0		30
Tetrachloroethene	105		102		70-130	3		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	81		75		70-139	8		30
1,2-Dichloroethane	80		79		70-130	1		30
1,1,1-Trichloroethane	90		87		70-130	3		30
Bromodichloromethane	84		82		70-130	2		30
trans-1,3-Dichloropropene	84		83		70-130	1		30
cis-1,3-Dichloropropene	93		93		70-130	0		30
1,1-Dichloropropene	97		95		70-130	2		30
Bromoform	83		82		70-130	1		30
1,1,2,2-Tetrachloroethane	80		79		70-130	1		30
Benzene	100		98		70-130	2		30
Toluene	87		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

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Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Ethylbenzene	94		92		70-130	2		30
Chloromethane	102		99		52-130	3		30
Bromomethane	78		78		57-147	0		30
Vinyl chloride	108		103		67-130	5		30
Chloroethane	85		81		50-151	5		30
1,1-Dichloroethene	108		106		65-135	2		30
trans-1,2-Dichloroethene	104		101		70-130	3		30
Trichloroethene	98		95		70-130	3		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	97		97		70-130	0		30
1,4-Dichlorobenzene	95		94		70-130	1		30
Methyl tert butyl ether	86		85		66-130	1		30
p/m-Xylene	102		99		70-130	3		30
o-Xylene	100		98		70-130	2		30
cis-1,2-Dichloroethene	101		99		70-130	2		30
Dibromomethane	86		87		70-130	1		30
Styrene	98		97		70-130	1		30
Dichlorodifluoromethane	75		71		30-146	5		30
Acetone	89		86		54-140	3		30
Carbon disulfide	60		57	Q	59-130	5		30
2-Butanone	85		91		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Vinyl acetate	98		97		70-130	1		30
4-Methyl-2-pentanone	91		92		70-130	1		30
1,2,3-Trichloropropane	80		81		68-130	1		30
2-Hexanone	81		81		70-130	0		30
Bromochloromethane	104		101		70-130	3		30
2,2-Dichloropropane	96		92		70-130	4		30
1,2-Dibromoethane	88		86		70-130	2		30
1,3-Dichloropropane	86		86		69-130	0		30
1,1,1,2-Tetrachloroethane	88		87		70-130	1		30
Bromobenzene	96		93		70-130	3		30
n-Butylbenzene	100		97		70-130	3		30
sec-Butylbenzene	101		100		70-130	1		30
tert-Butylbenzene	96		96		70-130	0		30
o-Chlorotoluene	88		96		70-130	9		30
p-Chlorotoluene	91		89		70-130	2		30
1,2-Dibromo-3-chloropropane	77		78		68-130	1		30
Hexachlorobutadiene	96		94		67-130	2		30
Isopropylbenzene	98		97		70-130	1		30
p-Isopropyltoluene	91		89		70-130	2		30
Naphthalene	77		78		70-130	1		30
Acrylonitrile	109		100		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Isopropyl Ether	116		112		66-130	4		30
tert-Butyl Alcohol	96		94		70-130	2		30
n-Propylbenzene	98		95		70-130	3		30
1,2,3-Trichlorobenzene	91		93		70-130	2		30
1,2,4-Trichlorobenzene	93		92		70-130	1		30
1,3,5-Trimethylbenzene	96		94		70-130	2		30
1,2,4-Trimethylbenzene	95		94		70-130	1		30
Methyl Acetate	107		103		51-146	4		30
Ethyl Acetate	30	Q	25	Q	70-130	18		30
Acrolein	98		94		70-130	4		30
Cyclohexane	127		121		59-142	5		30
1,4-Dioxane	91		82		65-136	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		99		50-139	5		30
p-Diethylbenzene	98		96		70-130	2		30
p-Ethyltoluene	100		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	80		79		70-130	1		30
Tetrahydrofuran	98		97		66-130	1		30
Ethyl ether	100		94		67-130	6		30
trans-1,4-Dichloro-2-butene	88		85		70-130	3		30
Methyl cyclohexane	104		102		70-130	2		30
Ethyl-Tert-Butyl-Ether	105		103		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Tertiary-Amyl Methyl Ether	89		89		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	80		78		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	92		92		70-130
Dibromofluoromethane	91		91		70-130

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Methylene chloride	103		101		70-130	2		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	104		104		70-130	0		30
Carbon tetrachloride	112		109		70-130	3		30
1,2-Dichloropropane	107		108		70-130	1		30
Dibromochloromethane	108		104		70-130	4		30
2-Chloroethylvinyl ether	97		102		70-130	5		30
1,1,2-Trichloroethane	109		109		70-130	0		30
Tetrachloroethene	113		108		70-130	5		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	117		112		70-139	4		30
1,2-Dichloroethane	102		102		70-130	0		30
1,1,1-Trichloroethane	112		109		70-130	3		30
Bromodichloromethane	102		102		70-130	0		30
trans-1,3-Dichloropropene	102		100		70-130	2		30
cis-1,3-Dichloropropene	102		104		70-130	2		30
1,1-Dichloropropene	108		105		70-130	3		30
Bromoform	106		103		70-130	3		30
1,1,2,2-Tetrachloroethane	98		97		70-130	1		30
Benzene	104		102		70-130	2		30
Toluene	103		97		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Ethylbenzene	108		105		70-130	3		30
Chloromethane	104		97		52-130	7		30
Bromomethane	113		113		57-147	0		30
Vinyl chloride	107		103		67-130	4		30
Chloroethane	110		108		50-151	2		30
1,1-Dichloroethene	110		105		65-135	5		30
trans-1,2-Dichloroethene	105		102		70-130	3		30
Trichloroethene	114		114		70-130	0		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	102		101		70-130	1		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	98		100		66-130	2		30
p/m-Xylene	110		106		70-130	4		30
o-Xylene	108		106		70-130	2		30
cis-1,2-Dichloroethene	104		99		70-130	5		30
Dibromomethane	105		108		70-130	3		30
Styrene	105		104		70-130	1		30
Dichlorodifluoromethane	123		117		30-146	5		30
Acetone	72		71		54-140	1		30
Carbon disulfide	108		104		59-130	4		30
2-Butanone	103		98		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

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Lab Number: L1620368

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Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Vinyl acetate	96		96		70-130	0		30
4-Methyl-2-pentanone	92		96		70-130	4		30
1,2,3-Trichloropropane	99		97		68-130	2		30
2-Hexanone	97		98		70-130	1		30
Bromochloromethane	111		107		70-130	4		30
2,2-Dichloropropane	110		107		70-130	3		30
1,2-Dibromoethane	103		103		70-130	0		30
1,3-Dichloropropane	98		96		69-130	2		30
1,1,1,2-Tetrachloroethane	105		103		70-130	2		30
Bromobenzene	105		102		70-130	3		30
n-Butylbenzene	108		105		70-130	3		30
sec-Butylbenzene	108		102		70-130	6		30
tert-Butylbenzene	106		102		70-130	4		30
o-Chlorotoluene	108		101		70-130	7		30
p-Chlorotoluene	105		101		70-130	4		30
1,2-Dibromo-3-chloropropane	93		93		68-130	0		30
Hexachlorobutadiene	102		104		67-130	2		30
Isopropylbenzene	111		106		70-130	5		30
p-Isopropyltoluene	105		101		70-130	4		30
Naphthalene	96		96		70-130	0		30
Acrylonitrile	92		90		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Isopropyl Ether	96		94		66-130	2		30
tert-Butyl Alcohol	87		88		70-130	1		30
n-Propylbenzene	106		103		70-130	3		30
1,2,3-Trichlorobenzene	95		97		70-130	2		30
1,2,4-Trichlorobenzene	102		103		70-130	1		30
1,3,5-Trimethylbenzene	108		105		70-130	3		30
1,2,4-Trimethylbenzene	106		103		70-130	3		30
Methyl Acetate	90		92		51-146	2		30
Ethyl Acetate	81		85		70-130	5		30
Acrolein	97		93		70-130	4		30
Cyclohexane	110		106		59-142	4		30
1,4-Dioxane	87		93		65-136	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	115		111		50-139	4		30
p-Diethylbenzene	110		114		70-130	4		30
p-Ethyltoluene	109		111		70-130	2		30
1,2,4,5-Tetramethylbenzene	108		111		70-130	3		30
Tetrahydrofuran	93		85		66-130	9		30
Ethyl ether	92		92		67-130	0		30
trans-1,4-Dichloro-2-butene	94		91		70-130	3		30
Methyl cyclohexane	113		110		70-130	3		30
Ethyl-Tert-Butyl-Ether	97		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Tertiary-Amyl Methyl Ether	99		99		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	104		101		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Methylene chloride	95		94		70-130	1		30
1,1-Dichloroethane	101		97		70-130	4		30
Chloroform	88		86		70-130	2		30
Carbon tetrachloride	98		91		70-130	7		30
1,2-Dichloropropane	102		100		70-130	2		30
Dibromochloromethane	84		84		70-130	0		30
2-Chloroethylvinyl ether	87		88		70-130	1		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	107		102		70-130	5		30
Chlorobenzene	95		91		70-130	4		30
Trichlorofluoromethane	87		81		70-139	7		30
1,2-Dichloroethane	85		85		70-130	0		30
1,1,1-Trichloroethane	96		89		70-130	8		30
Bromodichloromethane	86		85		70-130	1		30
trans-1,3-Dichloropropene	86		83		70-130	4		30
cis-1,3-Dichloropropene	92		94		70-130	2		30
1,1-Dichloropropene	101		95		70-130	6		30
Bromoform	84		82		70-130	2		30
1,1,2,2-Tetrachloroethane	80		80		70-130	0		30
Benzene	100		97		70-130	3		30
Toluene	87		83		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Ethylbenzene	95		91		70-130	4		30
Chloromethane	103		100		52-130	3		30
Bromomethane	78		74		57-147	5		30
Vinyl chloride	110		102		67-130	8		30
Chloroethane	88		79		50-151	11		30
1,1-Dichloroethene	111		105		65-135	6		30
trans-1,2-Dichloroethene	105		98		70-130	7		30
Trichloroethene	100		96		70-130	4		30
1,2-Dichlorobenzene	94		92		70-130	2		30
1,3-Dichlorobenzene	97		94		70-130	3		30
1,4-Dichlorobenzene	93		90		70-130	3		30
Methyl tert butyl ether	86		87		66-130	1		30
p/m-Xylene	103		98		70-130	5		30
o-Xylene	100		96		70-130	4		30
cis-1,2-Dichloroethene	102		99		70-130	3		30
Dibromomethane	90		90		70-130	0		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	79		74		30-146	7		30
Acetone	87		88		54-140	1		30
Carbon disulfide	63		57	Q	59-130	10		30
2-Butanone	89		86		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Vinyl acetate	97		100		70-130	3		30
4-Methyl-2-pentanone	90		91		70-130	1		30
1,2,3-Trichloropropane	81		81		68-130	0		30
2-Hexanone	76		77		70-130	1		30
Bromochloromethane	104		100		70-130	4		30
2,2-Dichloropropane	97		92		70-130	5		30
1,2-Dibromoethane	89		90		70-130	1		30
1,3-Dichloropropane	86		86		69-130	0		30
1,1,1,2-Tetrachloroethane	89		87		70-130	2		30
Bromobenzene	96		92		70-130	4		30
n-Butylbenzene	102		95		70-130	7		30
sec-Butylbenzene	103		95		70-130	8		30
tert-Butylbenzene	97		91		70-130	6		30
o-Chlorotoluene	86		89		70-130	3		30
p-Chlorotoluene	91		87		70-130	4		30
1,2-Dibromo-3-chloropropane	76		76		68-130	0		30
Hexachlorobutadiene	98		91		67-130	7		30
Isopropylbenzene	98		91		70-130	7		30
p-Isopropyltoluene	92		86		70-130	7		30
Naphthalene	76		77		70-130	1		30
Acrylonitrile	95		105		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Isopropyl Ether	114		113		66-130	1		30
tert-Butyl Alcohol	89		98		70-130	10		30
n-Propylbenzene	98		91		70-130	7		30
1,2,3-Trichlorobenzene	93		90		70-130	3		30
1,2,4-Trichlorobenzene	93		89		70-130	4		30
1,3,5-Trimethylbenzene	95		89		70-130	7		30
1,2,4-Trimethylbenzene	95		90		70-130	5		30
Methyl Acetate	106		106		51-146	0		30
Ethyl Acetate	30	Q	31	Q	70-130	3		30
Acrolein	95		94		70-130	1		30
Cyclohexane	132		122		59-142	8		30
1,4-Dioxane	77		99		65-136	25		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	108		103		50-139	5		30
p-Diethylbenzene	97		90		70-130	7		30
p-Ethyltoluene	98		92		70-130	6		30
1,2,4,5-Tetramethylbenzene	79		76		70-130	4		30
Tetrahydrofuran	86		103		66-130	18		30
Ethyl ether	97		96		67-130	1		30
trans-1,4-Dichloro-2-butene	89		85		70-130	5		30
Methyl cyclohexane	109		101		70-130	8		30
Ethyl-Tert-Butyl-Ether	103		103		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Tertiary-Amyl Methyl Ether	88		89		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	82		82		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	94		94		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Methylene chloride	ND	39.4	32	82		28	69	Q	70-130	14		30
1,1-Dichloroethane	ND	39.4	30	77		29	72		70-130	4		30
Chloroform	ND	39.4	30	76		28	67	Q	70-130	9		30
Carbon tetrachloride	ND	39.4	26	66	Q	24	58	Q	70-130	8		30
1,2-Dichloropropane	ND	39.4	32	81		30	74		70-130	6		30
Dibromochloromethane	ND	39.4	25	64	Q	23	56	Q	70-130	10		30
2-Chloroethylvinyl ether	ND	39.4	34J	85		29.J	70		70-130	16		30
1,1,2-Trichloroethane	ND	39.4	45	113		39	97		70-130	12		30
Tetrachloroethene	ND	39.4	23	58	Q	20	49	Q	70-130	13		30
Chlorobenzene	ND	39.4	25	62	Q	22	53	Q	70-130	13		30
Trichlorofluoromethane	ND	39.4	22	55	Q	20	49	Q	70-139	9		30
1,2-Dichloroethane	ND	39.4	28	72		26	64	Q	70-130	8		30
1,1,1-Trichloroethane	ND	39.4	28	71		26	64	Q	70-130	8		30
Bromodichloromethane	ND	39.4	28	70		25	62	Q	70-130	9		30
trans-1,3-Dichloropropene	ND	39.4	20	52	Q	20	49	Q	70-130	2		30
cis-1,3-Dichloropropene	ND	39.4	19	48	Q	19	47	Q	70-130	1		30
1,1-Dichloropropene	ND	39.4	28	72		26	64	Q	70-130	8		30
Bromoform	ND	39.4	25	63	Q	22	53	Q	70-130	14		30
1,1,2,2-Tetrachloroethane	ND	39.4	27	68	Q	23	57	Q	70-130	14		30
Benzene	120	39.4	130	33	Q	140	49	Q	70-130	5		30
Toluene	1.1J	39.4	28	70		25	62	Q	70-130	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Ethylbenzene	1.2J	39.4	26	65	Q	23	55	Q	70-130	13		30
Chloromethane	ND	39.4	33	84		32	78		52-130	4		30
Bromomethane	ND	39.4	22	56	Q	20	49	Q	57-147	10		30
Vinyl chloride	ND	39.4	33	83		31	76		67-130	5		30
Chloroethane	ND	39.4	26	66		25	61		50-151	6		30
1,1-Dichloroethene	ND	39.4	30	75		28	68		65-135	7		30
trans-1,2-Dichloroethene	ND	39.4	29	74		28	68	Q	70-130	5		30
Trichloroethene	ND	39.4	32	80		28	70		70-130	10		30
1,2-Dichlorobenzene	ND	39.4	18	46	Q	15	36	Q	70-130	21		30
1,3-Dichlorobenzene	ND	39.4	19	47	Q	15	38	Q	70-130	19		30
1,4-Dichlorobenzene	ND	39.4	19	48	Q	16	38	Q	70-130	19		30
Methyl tert butyl ether	3.3J	39.4	32	80		30	74		66-130	5		30
p/m-Xylene	7.9	78.7	55	60	Q	50	51	Q	70-130	10		30
o-Xylene	0.79J	78.7	49	62	Q	43	53	Q	70-130	12		30
cis-1,2-Dichloroethene	ND	39.4	29	74		28	68	Q	70-130	5		30
Dibromomethane	ND	39.4	28	71		26	64	Q	70-130	8		30
Styrene	ND	78.7	33	41	Q	29	35	Q	70-130	12		30
Dichlorodifluoromethane	ND	39.4	24	61		23	56		30-146	5		30
Acetone	36	39.4	69	84		70	84		54-140	2		30
Carbon disulfide	ND	39.4	31	80		28	67		59-130	13		30
2-Butanone	ND	39.4	81	205	Q	68	167	Q	70-130	17		30

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Vinyl acetate	ND	39.4	16J	42	Q	15.J	36	Q	70-130	11		30
4-Methyl-2-pentanone	ND	39.4	29	74		27	67	Q	70-130	7		30
1,2,3-Trichloropropane	ND	39.4	28	70		24	60	Q	68-130	13		30
2-Hexanone	ND	39.4	28	71		25	62	Q	70-130	10		30
Bromochloromethane	ND	39.4	28	71		25	61	Q	70-130	12		30
2,2-Dichloropropane	ND	39.4	29	74		27	67	Q	70-130	7		30
1,2-Dibromoethane	ND	39.4	26	67	Q	24	58	Q	70-130	10		30
1,3-Dichloropropane	ND	39.4	28	71		26	63	Q	69-130	9		30
1,1,1,2-Tetrachloroethane	ND	39.4	24	62	Q	22	53	Q	70-130	11		30
Bromobenzene	ND	39.4	22	55	Q	19	46	Q	70-130	15		30
n-Butylbenzene	0.46J	39.4	15	39	Q	13	31	Q	70-130	18		30
sec-Butylbenzene	6.9	39.4	25	47	Q	22	38	Q	70-130	13		30
tert-Butylbenzene	3.0J	39.4	23	58	Q	20	48	Q	70-130	14		30
o-Chlorotoluene	ND	39.4	20	50	Q	21	51	Q	70-130	6		30
p-Chlorotoluene	ND	39.4	22	57	Q	19	46	Q	70-130	17		30
1,2-Dibromo-3-chloropropane	ND	39.4	22	56	Q	19	46	Q	68-130	16		30
Hexachlorobutadiene	ND	39.4	8.6J	22	Q	7.4J	18	Q	67-130	16		30
Isopropylbenzene	59	39.4	80	53	Q	78	48	Q	70-130	2		30
p-Isopropyltoluene	3.7	39.4	18	37	Q	15	28	Q	70-130	17		30
Naphthalene	0.42J	39.4	16	39	Q	12	28	Q	70-130	29		30
Acrylonitrile	ND	39.4	66	167	Q	53	130		70-130	21		30

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Isopropyl Ether	ND	39.4	33	83		31	76		66-130	6		30
tert-Butyl Alcohol	15.J	197	160	82		150	72		70-130	10		30
n-Propylbenzene	12	39.4	32	50	Q	29	41	Q	70-130	10		30
1,2,3-Trichlorobenzene	ND	39.4	11	27	Q	7.9J	19	Q	70-130	28		30
1,2,4-Trichlorobenzene	ND	39.4	12	30	Q	9.0J	22	Q	70-130	26		30
1,3,5-Trimethylbenzene	0.98J	39.4	22	56	Q	19	46	Q	70-130	15		30
1,2,4-Trimethylbenzene	74	39.4	74	0	Q	75	2	Q	70-130	1		30
Methyl Acetate	ND	39.4	37J	95		36.J	89		51-146	3		30
Ethyl Acetate	ND	39.4	21J	53	Q	29.J	70		70-130	31	Q	30
Acrolein	ND	39.4	51	129		37.J	91		70-130	31	Q	30
Cyclohexane	120	39.4	280	404	Q	200	196	Q	59-142	33	Q	30
1,4-Dioxane	ND	1970	1800	89		1300	65		65-136	28		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	39.4	25J	64		23.J	55		50-139	10		30
p-Diethylbenzene	12	39.4	29	44	Q	26	35	Q	70-130	11		30
p-Ethyltoluene	1.7J	39.4	24	60	Q	20	49	Q	70-130	16		30
1,2,4,5-Tetramethylbenzene	20	39.4	36	41	Q	34	34	Q	70-130	7		30
Tetrahydrofuran	ND	39.4	49	123		43	105		66-130	13		30
Ethyl ether	ND	39.4	27	68		25	60	Q	67-130	9		30
trans-1,4-Dichloro-2-butene	ND	39.4	16	40	Q	14	35	Q	70-130	10		30
Methyl cyclohexane	35	39.4	71	92		57	53	Q	70-130	23		30
Ethyl-Tert-Butyl-Ether	ND	39.4	32	80		30	73		70-130	7		30

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Tertiary-Amyl Methyl Ether	ND	39.4	30	77		27	67	Q	70-130	10		30

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1,2-Dichloroethane-d4	94		93		70-130
4-Bromofluorobenzene	110		110		70-130
Dibromofluoromethane	91		92		70-130
Toluene-d8	100		98		70-130

SEMIVOLATILES

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 18:49
 Analyst: PS
 Percent Solids: 87%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	8700	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1600		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	4500		ug/kg	110	21.	1
Benzo(a)pyrene	4900		ug/kg	150	46.	1
Benzo(b)fluoranthene	6700		ug/kg	110	32.	1
Benzo(k)fluoranthene	2000		ug/kg	110	30.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	4800		ug/kg	110	20.	1
Acenaphthylene	1300		ug/kg	150	29.	1
Anthracene	1700		ug/kg	110	37.	1
Benzo(ghi)perylene	3200		ug/kg	150	22.	1
Fluorene	720		ug/kg	190	18.	1
Phenanthrene	5100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	930		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	3600		ug/kg	150	26.	1
Pyrene	7500		ug/kg	110	19.	1
Biphenyl	130	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	580		ug/kg	190	18.	1
2-Methylnaphthalene	680		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	93	J	ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	690		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-30

Date Collected: 06/29/16 13:05

Client ID: P4-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	58		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-30 D
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/12/16 12:50
 Analyst: HL
 Percent Solids: 87%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	7100		ug/kg	230	44.	2

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-31
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 16:19
 Analyst: PS
 Percent Solids: 43%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	310	40.	1
Hexachlorobenzene	ND		ug/kg	230	43.	1
Bis(2-chloroethyl)ether	ND		ug/kg	350	52.	1
2-Chloronaphthalene	ND		ug/kg	390	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	390	100	1
2,4-Dinitrotoluene	ND		ug/kg	390	77.	1
2,6-Dinitrotoluene	ND		ug/kg	390	66.	1
Fluoranthene	ND		ug/kg	230	44.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	390	41.	1
4-Bromophenyl phenyl ether	ND		ug/kg	390	59.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	420	39.	1
Hexachlorobutadiene	ND		ug/kg	390	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	1100	350	1
Hexachloroethane	ND		ug/kg	310	63.	1
Isophorone	ND		ug/kg	350	50.	1
Naphthalene	ND		ug/kg	390	47.	1
Nitrobenzene	ND		ug/kg	350	57.	1
NDPA/DPA	ND		ug/kg	310	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	390	60.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	390	130	1
Butyl benzyl phthalate	ND		ug/kg	390	98.	1
Di-n-butylphthalate	ND		ug/kg	390	73.	1
Di-n-octylphthalate	ND		ug/kg	390	130	1
Diethyl phthalate	ND		ug/kg	390	36.	1
Dimethyl phthalate	ND		ug/kg	390	81.	1
Benzo(a)anthracene	ND		ug/kg	230	44.	1
Benzo(a)pyrene	ND		ug/kg	310	94.	1
Benzo(b)fluoranthene	ND		ug/kg	230	65.	1
Benzo(k)fluoranthene	ND		ug/kg	230	62.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-31

Date Collected: 06/29/16 13:05

Client ID: P4-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	230	40.	1
Acenaphthylene	ND		ug/kg	310	60.	1
Anthracene	ND		ug/kg	230	76.	1
Benzo(ghi)perylene	ND		ug/kg	310	46.	1
Fluorene	ND		ug/kg	390	38.	1
Phenanthrene	ND		ug/kg	230	47.	1
Dibenzo(a,h)anthracene	ND		ug/kg	230	45.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	310	54.	1
Pyrene	ND		ug/kg	230	38.	1
Biphenyl	ND		ug/kg	880	90.	1
4-Chloroaniline	ND		ug/kg	390	70.	1
2-Nitroaniline	ND		ug/kg	390	75.	1
3-Nitroaniline	ND		ug/kg	390	73.	1
4-Nitroaniline	ND		ug/kg	390	160	1
Dibenzofuran	ND		ug/kg	390	37.	1
2-Methylnaphthalene	ND		ug/kg	460	47.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	390	40.	1
Acetophenone	ND		ug/kg	390	48.	1
2,4,6-Trichlorophenol	ND		ug/kg	230	73.	1
p-Chloro-m-cresol	ND		ug/kg	390	58.	1
2-Chlorophenol	ND		ug/kg	390	46.	1
2,4-Dichlorophenol	ND		ug/kg	350	62.	1
2,4-Dimethylphenol	ND		ug/kg	390	130	1
2-Nitrophenol	ND		ug/kg	840	140	1
4-Nitrophenol	ND		ug/kg	540	160	1
2,4-Dinitrophenol	ND		ug/kg	1800	180	1
4,6-Dinitro-o-cresol	ND		ug/kg	1000	180	1
Pentachlorophenol	ND		ug/kg	310	85.	1
Phenol	ND		ug/kg	390	58.	1
2-Methylphenol	ND		ug/kg	390	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	560	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	390	74.	1
Carbazole	ND		ug/kg	390	38.	1
Atrazine	ND		ug/kg	310	140	1
Benzaldehyde	ND		ug/kg	510	100	1
Caprolactam	ND		ug/kg	390	120	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	390	78.	1

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-31

Date Collected: 06/29/16 13:05

Client ID: P4-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	36		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 19:14
 Analyst: PS
 Percent Solids: 89%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	5200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	390		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3100		ug/kg	110	21.	1
Benzo(a)pyrene	3500		ug/kg	150	45.	1
Benzo(b)fluoranthene	4500		ug/kg	110	31.	1
Benzo(k)fluoranthene	1500		ug/kg	110	29.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	3000		ug/kg	110	19.	1
Acenaphthylene	860		ug/kg	150	28.	1
Anthracene	900		ug/kg	110	36.	1
Benzo(ghi)perylene	2200		ug/kg	150	22.	1
Fluorene	280		ug/kg	180	18.	1
Phenanthrene	1900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	560		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2500		ug/kg	150	26.	1
Pyrene	4500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	180		ug/kg	180	17.	1
2-Methylnaphthalene	230		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	190		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	71		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-33
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 19:39
 Analyst: PS
 Percent Solids: 83%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	4300		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	510		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	2400		ug/kg	120	22.	1
Benzo(a)pyrene	2500		ug/kg	160	48.	1
Benzo(b)fluoranthene	3200		ug/kg	120	34.	1
Benzo(k)fluoranthene	1200		ug/kg	120	32.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-33
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	2300		ug/kg	120	21.	1
Acenaphthylene	510		ug/kg	160	31.	1
Anthracene	780		ug/kg	120	39.	1
Benzo(ghi)perylene	1500		ug/kg	160	23.	1
Fluorene	250		ug/kg	200	19.	1
Phenanthrene	2000		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	480		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	160	28.	1
Pyrene	3800		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	230		ug/kg	200	19.	1
2-Methylnaphthalene	310		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	55	J	ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	220		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	81	J	ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-33
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatiles by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	45		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-34 D
 Client ID: P4-3 (2-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 20:29
 Analyst: PS
 Percent Solids: 85%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260	J	ug/kg	1600	200	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	260	10
2-Chloronaphthalene	ND		ug/kg	2000	190	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	520	10
2,4-Dinitrotoluene	ND		ug/kg	2000	390	10
2,6-Dinitrotoluene	ND		ug/kg	2000	330	10
Fluoranthene	6100		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	200	10
Hexachlorobutadiene	ND		ug/kg	2000	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	250	10
Naphthalene	2800		ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	670	10
Butyl benzyl phthalate	ND		ug/kg	2000	490	10
Di-n-butylphthalate	ND		ug/kg	2000	370	10
Di-n-octylphthalate	ND		ug/kg	2000	660	10
Diethyl phthalate	ND		ug/kg	2000	180	10
Dimethyl phthalate	ND		ug/kg	2000	410	10
Benzo(a)anthracene	9100		ug/kg	1200	220	10
Benzo(a)pyrene	17000		ug/kg	1600	480	10
Benzo(b)fluoranthene	20000		ug/kg	1200	330	10
Benzo(k)fluoranthene	7000		ug/kg	1200	310	10

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-34 D

Date Collected: 06/29/16 13:30

Client ID: P4-3 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	10000		ug/kg	1200	200	10
Acenaphthylene	4000		ug/kg	1600	300	10
Anthracene	1500		ug/kg	1200	380	10
Benzo(ghi)perylene	14000		ug/kg	1600	230	10
Fluorene	570	J	ug/kg	2000	190	10
Phenanthrene	2500		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	3400		ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	14000		ug/kg	1600	270	10
Pyrene	6300		ug/kg	1200	190	10
Biphenyl	ND		ug/kg	4400	450	10
4-Chloroaniline	ND		ug/kg	2000	350	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	370	10
4-Nitroaniline	ND		ug/kg	2000	810	10
Dibenzofuran	450	J	ug/kg	2000	180	10
2-Methylnaphthalene	2300		ug/kg	2300	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	200	10
Acetophenone	ND		ug/kg	2000	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	2000	290	10
2-Chlorophenol	ND		ug/kg	2000	230	10
2,4-Dichlorophenol	ND		ug/kg	1800	310	10
2,4-Dimethylphenol	ND		ug/kg	2000	640	10
2-Nitrophenol	ND		ug/kg	4200	730	10
4-Nitrophenol	ND		ug/kg	2700	800	10
2,4-Dinitrophenol	ND		ug/kg	9400	910	10
4,6-Dinitro-o-cresol	ND		ug/kg	5100	940	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	2000	290	10
2-Methylphenol	ND		ug/kg	2000	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	300	10
2,4,5-Trichlorophenol	ND		ug/kg	2000	370	10
Carbazole	370	J	ug/kg	2000	190	10
Atrazine	ND		ug/kg	1600	680	10
Benzaldehyde	ND		ug/kg	2600	530	10
Caprolactam	ND		ug/kg	2000	590	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	390	10

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-34 D

Date Collected: 06/29/16 13:30

Client ID: P4-3 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	48		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-36
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 18:24
 Analyst: PS
 Percent Solids: 84%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	230		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	1700		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	140		ug/kg	120	22.	1
Benzo(a)pyrene	120	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	140		ug/kg	120	33.	1
Benzo(k)fluoranthene	54	J	ug/kg	120	32.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-36
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	130		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	52	J	ug/kg	120	39.	1
Benzo(ghi)perylene	68	J	ug/kg	160	23.	1
Fluorene	56	J	ug/kg	200	19.	1
Phenanthrene	200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	74	J	ug/kg	160	28.	1
Pyrene	260		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	1400		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	34	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-36
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatiles by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	48		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/16 10:54
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-34,36 Batch: WG911876-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/16 10:54
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-34,36 Batch: WG911876-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/16 10:54
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-34,36 Batch: WG911876-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	77		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-34,36 Batch: WG911876-2 WG911876-3								
Acenaphthene	86		82		31-137	5		50
Benzidine	34		39		10-66	14		50
1,2,4-Trichlorobenzene	77		75		38-107	3		50
Hexachlorobenzene	90		85		40-140	6		50
Bis(2-chloroethyl)ether	78		77		40-140	1		50
2-Chloronaphthalene	88		85		40-140	3		50
3,3'-Dichlorobenzidine	68		69		40-140	1		50
2,4-Dinitrotoluene	94	Q	94	Q	28-89	0		50
2,6-Dinitrotoluene	93		93		40-140	0		50
Azobenzene	97		95		40-140	2		50
Fluoranthene	94		91		40-140	3		50
4-Chlorophenyl phenyl ether	89		86		40-140	3		50
4-Bromophenyl phenyl ether	94		91		40-140	3		50
Bis(2-chloroisopropyl)ether	80		78		40-140	3		50
Bis(2-chloroethoxy)methane	88		86		40-117	2		50
Hexachlorobutadiene	76		72		40-140	5		50
Hexachlorocyclopentadiene	78		78		40-140	0		50
Hexachloroethane	72		73		40-140	1		50
Isophorone	87		86		40-140	1		50
Naphthalene	79		76		40-140	4		50
Nitrobenzene	83		81		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-34,36 Batch: WG911876-2 WG911876-3								
NitrosoDiPhenylAmine(NDPA)/DPA	93		90		36-157	3		50
n-Nitrosodi-n-propylamine	88		88		32-121	0		50
Bis(2-Ethylhexyl)phthalate	107		103		40-140	4		50
Butyl benzyl phthalate	95		98		40-140	3		50
Di-n-butylphthalate	101		99		40-140	2		50
Di-n-octylphthalate	108		106		40-140	2		50
Diethyl phthalate	96		92		40-140	4		50
Dimethyl phthalate	89		88		40-140	1		50
Benzo(a)anthracene	92		87		40-140	6		50
Benzo(a)pyrene	90		90		40-140	0		50
Benzo(b)fluoranthene	88		91		40-140	3		50
Benzo(k)fluoranthene	90		85		40-140	6		50
Chrysene	90		86		40-140	5		50
Acenaphthylene	87		86		40-140	1		50
Anthracene	94		90		40-140	4		50
Benzo(ghi)perylene	95		92		40-140	3		50
Fluorene	93		89		40-140	4		50
Phenanthrene	89		85		40-140	5		50
Dibenzo(a,h)anthracene	95		95		40-140	0		50
Indeno(1,2,3-cd)Pyrene	94		94		40-140	0		50
Pyrene	91		89		35-142	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-34,36 Batch: WG911876-2 WG911876-3								
Biphenyl	89		86		54-104	3		50
Aniline	50		47		40-140	6		50
4-Chloroaniline	58		60		40-140	3		50
2-Nitroaniline	94		95		47-134	1		50
3-Nitroaniline	81		72		26-129	12		50
4-Nitroaniline	78		77		41-125	1		50
Dibenzofuran	92		86		40-140	7		50
2-Methylnaphthalene	86		80		40-140	7		50
1,2,4,5-Tetrachlorobenzene	82		80		40-117	2		50
Acetophenone	85		82		14-144	4		50
n-Nitrosodimethylamine	61		62		22-100	2		50
2,4,6-Trichlorophenol	94		91		30-130	3		50
P-Chloro-M-Cresol	95		91		26-103	4		50
2-Chlorophenol	87		85		25-102	2		50
2,4-Dichlorophenol	91		91		30-130	0		50
2,4-Dimethylphenol	90		92		30-130	2		50
2-Nitrophenol	89		90		30-130	1		50
4-Nitrophenol	91		90		11-114	1		50
2,4-Dinitrophenol	67		68		4-130	1		50
4,6-Dinitro-o-cresol	80		82		10-130	2		50
Pentachlorophenol	90		88		17-109	2		50

Lab Control Sample Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-34,36 Batch: WG911876-2 WG911876-3								
Phenol	83		82		26-90	1		50
2-Methylphenol	86		84		30-130.	2		50
3-Methylphenol/4-Methylphenol	91		86		30-130	6		50
2,4,5-Trichlorophenol	91		90		30-130	1		50
Benzoic Acid	71		72		10-110	1		50
Benzyl Alcohol	87		83		40-140	5		50
Carbazole	94		90		54-128	4		50
Pyridine	50		50		10-93	0		50
Parathion, ethyl	114		115		40-140	1		50
Atrazine	104		102		40-140	2		50
Benzaldehyde	80		78		40-140	3		50
Caprolactam	105		104		15-130	1		50
2,3,4,6-Tetrachlorophenol	94		89		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		78		25-120
Phenol-d6	85		85		10-120
Nitrobenzene-d5	81		77		23-120
2-Fluorobiphenyl	84		85		30-120
2,4,6-Tribromophenol	90		91		10-136
4-Terphenyl-d14	89		88		18-120

METALS

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-01
 Client ID: P3-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 73%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	3.8		mg/kg	2.7	0.44	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Arsenic, Total	71		mg/kg	0.55	0.18	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Beryllium, Total	0.85		mg/kg	0.27	0.06	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Cadmium, Total	53		mg/kg	0.55	0.04	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Chromium, Total	6.2		mg/kg	0.55	0.09	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Copper, Total	1400		mg/kg	0.55	0.10	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Lead, Total	1600		mg/kg	2.7	0.12	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Mercury, Total	0.62		mg/kg	0.09	0.02	1	07/06/16 10:40	07/11/16 17:49	EPA 7471B	1,7471B	EA
Nickel, Total	36		mg/kg	1.4	0.22	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Selenium, Total	0.34	J	mg/kg	1.1	0.15	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Silver, Total	3.8		mg/kg	0.55	0.11	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Thallium, Total	1.2		mg/kg	1.1	0.17	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Zinc, Total	16000		mg/kg	27	3.8	10	07/06/16 05:50	07/08/16 02:16	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-02
 Client ID: P3-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 61%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.2	0.52	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Arsenic, Total	8.4		mg/kg	0.65	0.21	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.32	0.07	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Cadmium, Total	0.89		mg/kg	0.65	0.05	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Chromium, Total	1.4		mg/kg	0.65	0.11	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Copper, Total	38		mg/kg	0.65	0.12	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Lead, Total	52		mg/kg	3.2	0.14	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 18:00	EPA 7471B	1,7471B	EA
Nickel, Total	41		mg/kg	1.6	0.26	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Selenium, Total	1.0	J	mg/kg	1.3	0.18	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Silver, Total	0.18	J	mg/kg	0.65	0.13	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Thallium, Total	0.28	J	mg/kg	1.3	0.21	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Zinc, Total	6300		mg/kg	32	4.6	10	07/06/16 05:50	07/08/16 02:21	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-03
 Client ID: P3-1 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 48%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	2.0	J	mg/kg	4.2	0.67	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Arsenic, Total	48		mg/kg	0.84	0.28	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Beryllium, Total	0.35	J	mg/kg	0.42	0.09	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Cadmium, Total	27		mg/kg	0.84	0.06	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Chromium, Total	8.8		mg/kg	0.84	0.14	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Copper, Total	660		mg/kg	0.84	0.15	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Lead, Total	1000		mg/kg	4.2	0.18	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Mercury, Total	0.56		mg/kg	0.14	0.03	1	07/06/16 10:40	07/11/16 18:02	EPA 7471B	1,7471B	EA
Nickel, Total	23		mg/kg	2.1	0.33	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Selenium, Total	1.4	J	mg/kg	1.7	0.22	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Silver, Total	2.3		mg/kg	0.84	0.17	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Thallium, Total	0.77	J	mg/kg	1.7	0.27	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Zinc, Total	7900		mg/kg	42	5.8	10	07/06/16 05:50	07/08/16 02:25	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-04
 Client ID: P3-1 (12-16)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 65%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.0	0.49	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Arsenic, Total	3.3		mg/kg	0.61	0.20	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Beryllium, Total	0.08	J	mg/kg	0.30	0.07	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Cadmium, Total	0.08	J	mg/kg	0.61	0.04	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Chromium, Total	3.5		mg/kg	0.61	0.10	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Copper, Total	20		mg/kg	0.61	0.11	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Lead, Total	17		mg/kg	3.0	0.13	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.10	0.02	1	07/06/16 10:40	07/11/16 18:04	EPA 7471B	1,7471B	EA
Nickel, Total	6.6		mg/kg	1.5	0.24	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Selenium, Total	0.46	J	mg/kg	1.2	0.16	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.61	0.12	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.2	0.20	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Zinc, Total	510		mg/kg	3.0	0.43	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-05
 Client ID: P3-9 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	1.7	J	mg/kg	2.4	0.39	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Arsenic, Total	38		mg/kg	0.48	0.16	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Beryllium, Total	0.16	J	mg/kg	0.24	0.05	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Cadmium, Total	2.1		mg/kg	0.48	0.03	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Chromium, Total	5.9		mg/kg	0.48	0.08	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Copper, Total	210		mg/kg	0.48	0.09	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Lead, Total	490		mg/kg	2.4	0.11	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Mercury, Total	0.44		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 18:06	EPA 7471B	1,7471B	EA
Nickel, Total	8.9		mg/kg	1.2	0.19	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Selenium, Total	0.77	J	mg/kg	0.96	0.13	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Silver, Total	1.4		mg/kg	0.48	0.10	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Thallium, Total	0.28	J	mg/kg	0.96	0.15	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Zinc, Total	1000		mg/kg	2.4	0.34	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-06
 Client ID: P3-9 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 48%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.1	0.66	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Arsenic, Total	3.0		mg/kg	0.83	0.27	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.41	0.09	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.83	0.06	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Chromium, Total	1.6		mg/kg	0.83	0.14	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Copper, Total	5.0		mg/kg	0.83	0.15	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Lead, Total	1.5	J	mg/kg	4.1	0.18	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.14	0.03	1	07/06/16 10:40	07/11/16 18:08	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.1	0.33	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Selenium, Total	1.7		mg/kg	1.6	0.22	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.83	0.16	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Thallium, Total	0.32	J	mg/kg	1.6	0.26	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Zinc, Total	2300		mg/kg	4.1	0.58	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-07
 Client ID: P3-9 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 57%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.54	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Arsenic, Total	2.0		mg/kg	0.68	0.22	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Beryllium, Total	0.07	J	mg/kg	0.34	0.07	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.68	0.05	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Chromium, Total	3.7		mg/kg	0.68	0.12	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Copper, Total	5.0		mg/kg	0.68	0.12	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	3.4	0.15	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.02	1	07/06/16 10:40	07/11/16 18:10	EPA 7471B	1,7471B	EA
Nickel, Total	3.9		mg/kg	1.7	0.27	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Selenium, Total	0.45	J	mg/kg	1.4	0.18	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.68	0.14	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Zinc, Total	20		mg/kg	3.4	0.47	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-08
 Client ID: P3-9 (12-16)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 58%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.54	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Arsenic, Total	1.0		mg/kg	0.68	0.22	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.34	0.08	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.68	0.05	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Chromium, Total	2.7		mg/kg	0.68	0.12	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Copper, Total	3.1		mg/kg	0.68	0.12	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	3.4	0.15	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 18:11	EPA 7471B	1,7471B	EA
Nickel, Total	3.1		mg/kg	1.7	0.27	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Selenium, Total	0.35	J	mg/kg	1.4	0.18	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.68	0.14	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Zinc, Total	14		mg/kg	3.4	0.48	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-09
 Client ID: P3-8 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 61%

Date Collected: 06/29/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.3	0.52	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	0.65	0.22	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.33	0.07	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Cadmium, Total	14		mg/kg	0.65	0.05	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Chromium, Total	2.4		mg/kg	0.65	0.11	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Copper, Total	150		mg/kg	0.65	0.12	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	33	1.4	10	07/06/16 05:50	07/08/16 02:29	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 18:17	EPA 7471B	1,7471B	EA
Nickel, Total	27		mg/kg	1.6	0.26	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Selenium, Total	1.8		mg/kg	1.3	0.18	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Silver, Total	0.13	J	mg/kg	0.65	0.13	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Thallium, Total	0.54	J	mg/kg	1.3	0.21	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Zinc, Total	18000		mg/kg	33	4.6	10	07/06/16 05:50	07/08/16 02:29	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-10
 Client ID: P3-7 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 62%

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.1	0.50	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	0.62	0.20	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Beryllium, Total	0.21	J	mg/kg	0.31	0.07	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.62	0.04	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Chromium, Total	7.3		mg/kg	0.62	0.10	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Copper, Total	11		mg/kg	0.62	0.11	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Lead, Total	13		mg/kg	3.1	0.14	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.10	0.02	1	07/06/16 10:40	07/11/16 18:19	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	1.6	0.25	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Selenium, Total	0.35	J	mg/kg	1.2	0.17	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.62	0.12	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.2	0.20	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Zinc, Total	33		mg/kg	3.1	0.43	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-11
 Client ID: P3-7 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 45%

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.5	0.72	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Arsenic, Total	1.0		mg/kg	0.90	0.30	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.45	0.10	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Chromium, Total	0.70	J	mg/kg	0.90	0.15	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Copper, Total	1.2		mg/kg	0.90	0.16	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.5	0.20	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/11/16 18:21	EPA 7471B	1,7471B	EA
Nickel, Total	20		mg/kg	2.2	0.36	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Selenium, Total	1.4	J	mg/kg	1.8	0.24	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.29	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Zinc, Total	1300		mg/kg	4.5	0.63	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-12
 Client ID: P3-6 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 63%

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.1	0.49	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Arsenic, Total	6.5		mg/kg	0.61	0.20	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Beryllium, Total	0.15	J	mg/kg	0.31	0.07	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Cadmium, Total	5.3		mg/kg	0.61	0.04	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Chromium, Total	80		mg/kg	0.61	0.10	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Copper, Total	26		mg/kg	0.61	0.11	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Lead, Total	0.89	J	mg/kg	3.1	0.13	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Mercury, Total	0.08	J	mg/kg	0.10	0.02	1	07/06/16 10:40	07/11/16 18:23	EPA 7471B	1,7471B	EA
Nickel, Total	110		mg/kg	1.5	0.24	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Selenium, Total	1.1	J	mg/kg	1.2	0.16	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.61	0.12	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.2	0.20	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Zinc, Total	2000		mg/kg	3.1	0.43	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-13
 Client ID: P3-6 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 46%

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.3	0.68	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Arsenic, Total	0.86		mg/kg	0.86	0.28	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.43	0.09	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.86	0.06	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Chromium, Total	0.73	J	mg/kg	0.86	0.14	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Copper, Total	1.4		mg/kg	0.86	0.15	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.3	0.19	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.14	0.03	1	07/06/16 10:40	07/11/16 18:25	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.1	0.34	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Selenium, Total	1.1	J	mg/kg	1.7	0.23	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.86	0.17	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.27	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Zinc, Total	550		mg/kg	4.3	0.60	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-14
 Client ID: P3-5 (6-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 56%

Date Collected: 06/29/16 09:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.5	0.56	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Arsenic, Total	1.3		mg/kg	0.71	0.23	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.35	0.08	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Cadmium, Total	0.09	J	mg/kg	0.71	0.05	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Chromium, Total	2.4		mg/kg	0.71	0.12	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Copper, Total	3.7		mg/kg	0.71	0.13	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Lead, Total	1.9	J	mg/kg	3.5	0.16	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 18:27	EPA 7471B	1,7471B	EA
Nickel, Total	3.7		mg/kg	1.8	0.28	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.4	0.19	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.71	0.14	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Zinc, Total	29		mg/kg	3.5	0.50	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-15
 Client ID: P3-4 (6-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 49%

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.8	0.62	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Arsenic, Total	1.1		mg/kg	0.77	0.25	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.38	0.09	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.77	0.05	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Chromium, Total	0.59	J	mg/kg	0.77	0.13	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Copper, Total	1.8		mg/kg	0.77	0.14	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	3.8	0.17	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/11/16 18:28	EPA 7471B	1,7471B	EA
Nickel, Total	4.0		mg/kg	1.9	0.31	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Selenium, Total	2.8		mg/kg	1.5	0.21	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.77	0.15	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.5	0.25	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Zinc, Total	5.9		mg/kg	3.8	0.54	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-16
 Client ID: P3-4 (10-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 43%

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.5	0.73	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Arsenic, Total	2.1		mg/kg	0.91	0.30	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Beryllium, Total	0.11	J	mg/kg	0.45	0.10	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.91	0.06	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Chromium, Total	4.8		mg/kg	0.91	0.15	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Copper, Total	7.5		mg/kg	0.91	0.16	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.5	0.20	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/11/16 18:30	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.3	0.36	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Selenium, Total	2.8		mg/kg	1.8	0.24	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.91	0.18	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.29	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Zinc, Total	15		mg/kg	4.5	0.64	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-17
 Client ID: P3-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 53%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.58	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Arsenic, Total	2.4		mg/kg	0.72	0.24	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.72	0.05	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Chromium, Total	2.2		mg/kg	0.72	0.12	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Copper, Total	6.7		mg/kg	0.72	0.13	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Lead, Total	5.6		mg/kg	3.6	0.16	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 18:32	EPA 7471B	1,7471B	EA
Nickel, Total	8.7		mg/kg	1.8	0.29	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Selenium, Total	2.1		mg/kg	1.4	0.19	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.72	0.14	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Thallium, Total	0.53	J	mg/kg	1.4	0.23	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Zinc, Total	190		mg/kg	3.6	0.50	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-18
 Client ID: P3-3 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 49%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.0	0.64	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Arsenic, Total	1.9		mg/kg	0.80	0.26	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.40	0.09	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.80	0.06	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Chromium, Total	1.4		mg/kg	0.80	0.14	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Copper, Total	2.8		mg/kg	0.80	0.14	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Lead, Total	2.1	J	mg/kg	4.0	0.18	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/11/16 18:34	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.0	0.32	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Selenium, Total	2.6		mg/kg	1.6	0.22	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.80	0.16	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Thallium, Total	3.3		mg/kg	1.6	0.26	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Zinc, Total	30		mg/kg	4.0	0.56	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-19
 Client ID: P3-3 (12-14)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.6	0.42	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Arsenic, Total	3.7		mg/kg	0.53	0.18	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.26	0.06	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.53	0.04	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Chromium, Total	1.1		mg/kg	0.53	0.09	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Copper, Total	0.74		mg/kg	0.53	0.10	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	26	1.2	10	07/06/16 05:50	07/08/16 02:33	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.09	0.02	1	07/06/16 10:40	07/11/16 18:40	EPA 7471B	1,7471B	EA
Nickel, Total	0.86	J	mg/kg	1.3	0.21	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Selenium, Total	0.49	J	mg/kg	1.1	0.14	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.53	0.11	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Thallium, Total	0.33	J	mg/kg	1.1	0.17	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Zinc, Total	4.1		mg/kg	2.6	0.37	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-20
 Client ID: P3-2 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 43%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.6	0.74	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Arsenic, Total	0.99		mg/kg	0.92	0.30	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.46	0.10	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.07	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Chromium, Total	1.0		mg/kg	0.92	0.16	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Copper, Total	1.1		mg/kg	0.92	0.17	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.6	0.20	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/11/16 18:41	EPA 7471B	1,7471B	EA
Nickel, Total	4.6		mg/kg	2.3	0.37	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Selenium, Total	2.5		mg/kg	1.8	0.25	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Thallium, Total	0.40	J	mg/kg	1.8	0.30	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Zinc, Total	12		mg/kg	4.6	0.65	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-21
 Client ID: P3-2 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 53%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.58	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Arsenic, Total	0.629	J	mg/kg	0.723	0.238	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.72	0.05	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Chromium, Total	4.8		mg/kg	0.72	0.12	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Copper, Total	15		mg/kg	0.72	0.13	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Lead, Total	2.9	J	mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 18:47	EPA 7471B	1,7471B	EA
Nickel, Total	8.8		mg/kg	1.8	0.29	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Selenium, Total	2.0		mg/kg	1.4	0.20	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.72	0.14	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Zinc, Total	15		mg/kg	3.6	0.51	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-22
 Client ID: P3-10 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 60%

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.3	0.53	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Arsenic, Total	1.3		mg/kg	0.66	0.22	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.33	0.07	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.66	0.05	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Chromium, Total	2.0		mg/kg	0.66	0.11	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Copper, Total	3.8		mg/kg	0.66	0.12	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Lead, Total	3.7		mg/kg	3.3	0.14	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 18:55	EPA 7471B	1,7471B	EA
Nickel, Total	28		mg/kg	1.6	0.26	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Selenium, Total	0.69	J	mg/kg	1.3	0.18	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.66	0.13	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.3	0.21	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Zinc, Total	3300		mg/kg	16	2.3	5	07/06/16 06:39	07/11/16 17:44	EPA 3050B	1,6010C	PS



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-23
 Client ID: P3-10 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 58%

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.54	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Arsenic, Total	0.53	J	mg/kg	0.68	0.22	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.34	0.07	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.68	0.05	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Chromium, Total	0.72		mg/kg	0.68	0.12	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Copper, Total	3.8		mg/kg	0.68	0.12	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Lead, Total	0.95	J	mg/kg	3.4	0.15	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 18:57	EPA 7471B	1,7471B	EA
Nickel, Total	9.8		mg/kg	1.7	0.27	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Selenium, Total	2.5		mg/kg	1.4	0.18	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.68	0.14	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Zinc, Total	480		mg/kg	3.4	0.47	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-24
 Client ID: P1-5 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 60%

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.2	0.52	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Arsenic, Total	4.0		mg/kg	0.65	0.21	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Beryllium, Total	0.13	J	mg/kg	0.32	0.07	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Cadmium, Total	0.39	J	mg/kg	0.65	0.05	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Chromium, Total	8.5		mg/kg	0.65	0.11	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Copper, Total	27		mg/kg	0.65	0.12	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Lead, Total	180		mg/kg	3.2	0.14	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Mercury, Total	0.14		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 19:02	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	1.6	0.26	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Selenium, Total	1.3		mg/kg	1.3	0.17	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.65	0.13	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.3	0.21	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Zinc, Total	1300		mg/kg	3.2	0.45	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-25
 Client ID: P1-5 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 54%

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.57	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Arsenic, Total	0.56	J	mg/kg	0.71	0.24	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.71	0.05	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Chromium, Total	0.25	J	mg/kg	0.71	0.12	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Copper, Total	1.6		mg/kg	0.71	0.13	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Lead, Total	0.66	J	mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 19:04	EPA 7471B	1,7471B	EA
Nickel, Total	2.4		mg/kg	1.8	0.28	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Selenium, Total	2.1		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.71	0.14	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Zinc, Total	110		mg/kg	3.6	0.50	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-26
 Client ID: P1-4 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 55%

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.58	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Arsenic, Total	7.2		mg/kg	0.72	0.24	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.72	0.05	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Chromium, Total	4.1		mg/kg	0.72	0.12	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.72	0.13	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Lead, Total	22		mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Mercury, Total	0.05	J	mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 19:06	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	1.8	0.29	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Selenium, Total	1.4		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.72	0.14	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Zinc, Total	210		mg/kg	3.6	0.50	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-27
 Client ID: P1-4 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 55%

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.55	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Arsenic, Total	26		mg/kg	0.69	0.23	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.34	0.08	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Cadmium, Total	3.1		mg/kg	0.69	0.05	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Chromium, Total	19		mg/kg	0.69	0.12	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Copper, Total	940		mg/kg	0.69	0.12	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Lead, Total	190		mg/kg	3.4	0.15	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Mercury, Total	0.06	J	mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 19:08	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	1.7	0.28	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Selenium, Total	2.2		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.69	0.14	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Zinc, Total	770		mg/kg	3.4	0.48	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-28
 Client ID: P1-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.4	0.38	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Arsenic, Total	4.5		mg/kg	0.47	0.16	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.24	0.05	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.47	0.03	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.47	0.08	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.47	0.09	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Lead, Total	12		mg/kg	2.4	0.10	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:10	EPA 7471B	1,7471B	EA
Nickel, Total	17		mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.95	0.13	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.47	0.10	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.95	0.15	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Zinc, Total	34		mg/kg	2.4	0.33	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-29
 Client ID: P1-3 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 55%

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.57	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Arsenic, Total	0.49	J	mg/kg	0.71	0.24	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.71	0.05	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Chromium, Total	2.9		mg/kg	0.71	0.12	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Copper, Total	7.1		mg/kg	0.71	0.13	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Lead, Total	2.8	J	mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/11/16 19:12	EPA 7471B	1,7471B	EA
Nickel, Total	5.3		mg/kg	1.8	0.28	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Selenium, Total	1.6		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.71	0.14	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Zinc, Total	38		mg/kg	3.6	0.50	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.3	0.36	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	0.45	0.15	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Beryllium, Total	0.13	J	mg/kg	0.23	0.05	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Cadmium, Total	1.9		mg/kg	0.45	0.03	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Chromium, Total	7.9		mg/kg	0.45	0.08	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Copper, Total	310		mg/kg	0.45	0.08	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Lead, Total	380		mg/kg	2.3	0.10	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Mercury, Total	0.35		mg/kg	0.07	0.02	1	07/06/16 10:40	07/11/16 19:14	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	1.1	0.18	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Selenium, Total	0.67	J	mg/kg	0.90	0.12	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Silver, Total	1.0		mg/kg	0.45	0.09	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.90	0.14	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Zinc, Total	780		mg/kg	2.3	0.32	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-31
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 43%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.5	0.72	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Arsenic, Total	17		mg/kg	0.90	0.30	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.45	0.10	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Cadmium, Total	0.40	J	mg/kg	0.90	0.06	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Chromium, Total	24		mg/kg	0.90	0.15	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Copper, Total	120		mg/kg	0.90	0.16	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Lead, Total	37		mg/kg	4.5	0.20	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/11/16 19:15	EPA 7471B	1,7471B	EA
Nickel, Total	19		mg/kg	2.2	0.36	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Selenium, Total	0.89	J	mg/kg	1.8	0.24	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Silver, Total	0.19	J	mg/kg	0.90	0.18	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.29	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Zinc, Total	390		mg/kg	4.5	0.63	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	11	1.7	5	07/06/16 06:39	07/11/16 17:49	EPA 3050B	1,6010C	PS
Arsenic, Total	21		mg/kg	0.44	0.14	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Beryllium, Total	0.29		mg/kg	0.22	0.05	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Cadmium, Total	4.1		mg/kg	0.44	0.03	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Chromium, Total	7.7		mg/kg	0.44	0.07	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Copper, Total	480		mg/kg	0.44	0.08	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Lead, Total	220		mg/kg	2.2	0.10	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Mercury, Total	0.32		mg/kg	0.07	0.02	1	07/06/16 10:40	07/11/16 19:17	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	1.1	0.17	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Selenium, Total	0.98		mg/kg	0.87	0.12	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Silver, Total	1.1		mg/kg	0.44	0.09	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.87	0.14	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Zinc, Total	2300		mg/kg	11	1.5	5	07/06/16 06:39	07/11/16 17:49	EPA 3050B	1,6010C	PS



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-33
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.3	0.37	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Arsenic, Total	7.4		mg/kg	0.46	0.15	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Beryllium, Total	0.23		mg/kg	0.23	0.05	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Cadmium, Total	2.0		mg/kg	0.46	0.03	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Chromium, Total	7.0		mg/kg	0.46	0.08	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Copper, Total	58		mg/kg	0.46	0.08	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Lead, Total	430		mg/kg	2.3	0.10	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Mercury, Total	0.15		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:19	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	1.1	0.18	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Selenium, Total	1.2		mg/kg	0.92	0.12	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Silver, Total	0.11	J	mg/kg	0.46	0.09	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.92	0.15	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Zinc, Total	740		mg/kg	2.3	0.32	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-35
 Client ID: P4-3 (2.5-3)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	24	3.8	10	07/06/16 06:39	07/11/16 17:53	EPA 3050B	1,6010C	PS
Arsenic, Total	57		mg/kg	0.47	0.16	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Beryllium, Total	0.16	J	mg/kg	0.24	0.05	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Cadmium, Total	25		mg/kg	0.47	0.03	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Chromium, Total	5.7		mg/kg	0.47	0.08	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Copper, Total	2200		mg/kg	0.47	0.09	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Lead, Total	440		mg/kg	2.4	0.10	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Mercury, Total	0.54		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:25	EPA 7471B	1,7471B	EA
Nickel, Total	7.4		mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Selenium, Total	0.93	J	mg/kg	0.94	0.13	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Silver, Total	8.6		mg/kg	0.47	0.09	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Thallium, Total	0.84	J	mg/kg	0.94	0.15	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Zinc, Total	9800		mg/kg	24	3.3	10	07/06/16 06:39	07/11/16 17:53	EPA 3050B	1,6010C	PS



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-36
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.4	0.38	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Arsenic, Total	3.9		mg/kg	0.48	0.16	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Beryllium, Total	0.12	J	mg/kg	0.24	0.05	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.48	0.03	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Chromium, Total	8.9		mg/kg	0.48	0.08	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Copper, Total	30		mg/kg	0.48	0.09	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Lead, Total	29		mg/kg	2.4	0.10	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Mercury, Total	0.14		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:27	EPA 7471B	1,7471B	EA
Nickel, Total	4.8		mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Selenium, Total	0.24	J	mg/kg	0.95	0.13	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.48	0.10	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.95	0.15	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Zinc, Total	58		mg/kg	2.4	0.33	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-37
 Client ID: P1-2 (3-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 06/29/16 14:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.3	0.38	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Arsenic, Total	0.31	J	mg/kg	0.47	0.16	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Beryllium, Total	0.39		mg/kg	0.23	0.05	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Cadmium, Total	0.30	J	mg/kg	0.47	0.03	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Chromium, Total	22		mg/kg	0.47	0.08	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Copper, Total	11		mg/kg	0.47	0.08	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Lead, Total	5.2		mg/kg	2.3	0.10	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:28	EPA 7471B	1,7471B	EA
Nickel, Total	33		mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.94	0.13	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.47	0.09	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.94	0.15	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Zinc, Total	640		mg/kg	2.3	0.33	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-38
 Client ID: P1-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.7	0.44	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Arsenic, Total	2.1		mg/kg	0.55	0.18	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.27	0.06	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Cadmium, Total	0.16	J	mg/kg	0.55	0.04	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Chromium, Total	1.5		mg/kg	0.55	0.09	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Copper, Total	21		mg/kg	0.55	0.10	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Lead, Total	32		mg/kg	2.7	0.12	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.10	0.02	1	07/06/16 10:40	07/11/16 19:30	EPA 7471B	1,7471B	EA
Nickel, Total	3.8		mg/kg	1.4	0.22	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Selenium, Total	2.2		mg/kg	1.1	0.15	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.55	0.11	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.1	0.17	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Zinc, Total	150		mg/kg	2.7	0.38	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-39
 Client ID: P1-1 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 54%

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.5	0.57	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Arsenic, Total	16		mg/kg	0.71	0.23	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Beryllium, Total	0.18	J	mg/kg	0.35	0.08	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Cadmium, Total	2.3		mg/kg	0.71	0.05	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Chromium, Total	9.0		mg/kg	0.71	0.12	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Copper, Total	110		mg/kg	0.71	0.13	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Lead, Total	170		mg/kg	3.5	0.16	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 19:32	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	1.8	0.28	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Selenium, Total	1.2	J	mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.71	0.14	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Zinc, Total	480		mg/kg	3.5	0.50	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-40
 Client ID: P2-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 60%

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.3	0.53	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Arsenic, Total	5.9		mg/kg	0.66	0.22	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.33	0.07	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Cadmium, Total	0.90		mg/kg	0.66	0.05	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Chromium, Total	5.5		mg/kg	0.66	0.11	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Copper, Total	26		mg/kg	0.66	0.12	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Lead, Total	60		mg/kg	3.3	0.14	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Mercury, Total	0.16		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 19:34	EPA 7471B	1,7471B	EA
Nickel, Total	8.3		mg/kg	1.6	0.26	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Selenium, Total	2.4		mg/kg	1.3	0.18	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.66	0.13	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.3	0.21	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Zinc, Total	2600		mg/kg	16	2.3	5	07/06/16 06:39	07/11/16 18:33	EPA 3050B	1,6010C	PS



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-41
 Client ID: P2-1 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 52%

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.8	0.60	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Arsenic, Total	4.5		mg/kg	0.75	0.25	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.38	0.08	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.75	0.05	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Chromium, Total	0.17	J	mg/kg	0.75	0.13	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Copper, Total	0.94		mg/kg	0.75	0.14	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Lead, Total	0.20	J	mg/kg	3.8	0.16	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/11/16 19:36	EPA 7471B	1,7471B	EA
Nickel, Total	3.1		mg/kg	1.9	0.30	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Selenium, Total	1.3	J	mg/kg	1.5	0.20	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.75	0.15	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.5	0.24	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Zinc, Total	560		mg/kg	3.8	0.53	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-43
 Client ID: P2-2 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 65%

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.0	0.48	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Arsenic, Total	3.1		mg/kg	0.60	0.20	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Beryllium, Total	0.16	J	mg/kg	0.30	0.07	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.60	0.04	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Chromium, Total	7.7		mg/kg	0.60	0.10	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Copper, Total	13		mg/kg	0.60	0.11	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Lead, Total	23		mg/kg	3.0	0.13	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Mercury, Total	0.11		mg/kg	0.10	0.02	1	07/06/16 10:40	07/07/16 10:50	EPA 7471B	1,7471B	BV
Nickel, Total	9.1		mg/kg	1.5	0.24	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Selenium, Total	0.57	J	mg/kg	1.2	0.16	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.60	0.12	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Thallium, Total	0.21	J	mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Zinc, Total	180		mg/kg	3.0	0.42	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-44
 Client ID: P2-3 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 44%

Date Collected: 06/30/16 09:25
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.5	0.71	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Arsenic, Total	5.4		mg/kg	0.89	0.29	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.45	0.10	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Cadmium, Total	2.0		mg/kg	0.89	0.06	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Chromium, Total	1.8		mg/kg	0.89	0.15	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Copper, Total	39		mg/kg	0.89	0.16	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Lead, Total	70		mg/kg	4.5	0.20	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/07/16 10:25	EPA 7471B	1,7471B	BV
Nickel, Total	3.3		mg/kg	2.2	0.36	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Selenium, Total	0.53	J	mg/kg	1.8	0.24	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.89	0.18	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Thallium, Total	0.28	J	mg/kg	1.8	0.28	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Zinc, Total	850		mg/kg	4.5	0.62	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-45
 Client ID: DUP01
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 49%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.0	0.64	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Arsenic, Total	ND		mg/kg	0.80	0.26	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.40	0.09	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.80	0.06	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Chromium, Total	0.74	J	mg/kg	0.80	0.14	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Copper, Total	0.95		mg/kg	0.80	0.14	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.0	0.18	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/07/16 10:52	EPA 7471B	1,7471B	BV
Nickel, Total	4.7		mg/kg	2.0	0.32	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Selenium, Total	2.8		mg/kg	1.6	0.22	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.80	0.16	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Thallium, Total	0.38	J	mg/kg	1.6	0.26	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Zinc, Total	4.9		mg/kg	4.0	0.56	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-46
 Client ID: DUP02
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 59%

Date Collected: 06/30/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.54	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Arsenic, Total	2.5		mg/kg	0.68	0.22	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.34	0.07	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.68	0.05	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Chromium, Total	0.81		mg/kg	0.68	0.11	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Copper, Total	3.5		mg/kg	0.68	0.12	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Lead, Total	0.57	J	mg/kg	3.4	0.15	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/07/16 10:53	EPA 7471B	1,7471B	BV
Nickel, Total	3.6		mg/kg	1.7	0.27	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Selenium, Total	2.0		mg/kg	1.4	0.18	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.68	0.14	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Zinc, Total	53		mg/kg	3.4	0.47	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-47
 Client ID: DUP03
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 55%

Date Collected: 06/30/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.58	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Arsenic, Total	4.2		mg/kg	0.72	0.24	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.72	0.05	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Chromium, Total	1.0		mg/kg	0.72	0.12	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Copper, Total	1.6		mg/kg	0.72	0.13	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Lead, Total	0.53	J	mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/07/16 10:55	EPA 7471B	1,7471B	BV
Nickel, Total	3.1		mg/kg	1.8	0.29	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Selenium, Total	2.4		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.72	0.14	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Zinc, Total	450		mg/kg	3.6	0.50	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-48
 Client ID: P2-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 63%

Date Collected: 06/30/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.2	0.51	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Arsenic, Total	1.2		mg/kg	0.63	0.21	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.32	0.07	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Cadmium, Total	2.1		mg/kg	0.63	0.04	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Chromium, Total	0.30	J	mg/kg	0.63	0.11	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Copper, Total	2.7		mg/kg	0.63	0.11	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Lead, Total	25		mg/kg	3.2	0.14	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Mercury, Total	0.05	J	mg/kg	0.10	0.02	1	07/06/16 10:40	07/07/16 10:57	EPA 7471B	1,7471B	BV
Nickel, Total	2.1		mg/kg	1.6	0.25	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Selenium, Total	0.58	J	mg/kg	1.3	0.17	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.63	0.13	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Thallium, Total	0.22	J	mg/kg	1.3	0.20	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Zinc, Total	840		mg/kg	3.2	0.44	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG910523-1									
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.13	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.07	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.07	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.09	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.11	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.13	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-33,35-41 Batch: WG910524-1									
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.13	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.07	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.07	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.09	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.11	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.13	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 43-48 Batch: WG910525-1									
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.13	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.07	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.07	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.09	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.11	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.13	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG910528-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 17:45	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-33,35-41 Batch: WG910529-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 18:43	1,7471B	EA



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 43-48 Batch: WG910536-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/06/16 10:40	07/07/16 10:18	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG910523-2 SRM Lot Number: D089-540								
Antimony, Total	152		-		1-197	-		
Arsenic, Total	108		-		80-120	-		
Beryllium, Total	98		-		82-117	-		
Cadmium, Total	103		-		82-117	-		
Chromium, Total	112		-		79-121	-		
Copper, Total	102		-		80-119	-		
Lead, Total	94		-		81-119	-		
Nickel, Total	101		-		82-117	-		
Selenium, Total	99		-		78-121	-		
Silver, Total	106		-		75-125	-		
Thallium, Total	99		-		79-120	-		
Zinc, Total	104		-		80-119	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 Batch: WG910524-2 SRM Lot Number: D089-540					
Antimony, Total	133	-	1-197	-	
Arsenic, Total	100	-	80-120	-	
Beryllium, Total	98	-	82-117	-	
Cadmium, Total	95	-	82-117	-	
Chromium, Total	98	-	79-121	-	
Copper, Total	98	-	80-119	-	
Lead, Total	100	-	81-119	-	
Nickel, Total	101	-	82-117	-	
Selenium, Total	99	-	78-121	-	
Silver, Total	94	-	75-125	-	
Thallium, Total	93	-	79-120	-	
Zinc, Total	98	-	80-119	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 43-48 Batch: WG910525-2 SRM Lot Number: D089-540					
Antimony, Total	143	-	1-197	-	
Arsenic, Total	95	-	80-120	-	
Beryllium, Total	89	-	82-117	-	
Cadmium, Total	87	-	82-117	-	
Chromium, Total	100	-	79-121	-	
Copper, Total	92	-	80-119	-	
Lead, Total	82	-	81-119	-	
Nickel, Total	90	-	82-117	-	
Selenium, Total	89	-	78-121	-	
Silver, Total	92	-	75-125	-	
Thallium, Total	86	-	79-120	-	
Zinc, Total	89	-	80-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG910528-2 SRM Lot Number: D089-540					
Mercury, Total	123	-	57-143	-	
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 Batch: WG910529-2 SRM Lot Number: D089-540					
Mercury, Total	123	-	57-143	-	
Total Metals - Mansfield Lab Associated sample(s): 43-48 Batch: WG910536-2 SRM Lot Number: D089-540					
Mercury, Total	109	-	57-143	-	

Matrix Spike Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20			QC Batch ID: WG910523-4			QC Sample: L1620368-01			Client ID: P3-1 (0-4)			
Antimony, Total	3.8	52.8	31	52	Q	-	-		75-125	-		20
Arsenic, Total	71.	12.7	77	47	Q	-	-		75-125	-		20
Beryllium, Total	0.85	5.28	3.7	54	Q	-	-		75-125	-		20
Cadmium, Total	53.	5.39	50	0	Q	-	-		75-125	-		20
Chromium, Total	6.2	21.1	17	51	Q	-	-		75-125	-		20
Copper, Total	1400	26.4	1400	0	Q	-	-		75-125	-		20
Lead, Total	1600	53.9	1400	0	Q	-	-		75-125	-		20
Nickel, Total	36.	52.8	49	25	Q	-	-		75-125	-		20
Selenium, Total	0.34J	12.7	7.0	55	Q	-	-		75-125	-		20
Silver, Total	3.8	31.7	23	60	Q	-	-		75-125	-		20
Thallium, Total	1.2	12.7	6.5	42	Q	-	-		75-125	-		20
Zinc, Total	16000	52.8	14000	0	Q	-	-		75-125	-		20



Matrix Spike Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 QC Batch ID: WG910524-4 QC Sample: L1620368-21 Client ID: P3-2 (8-10)									
Antimony, Total	ND	75.3	64	85	-	-	75-125	-	20
Arsenic, Total	0.629J	18.1	18	100	-	-	75-125	-	20
Beryllium, Total	ND	7.53	5.6	74	Q	-	75-125	-	20
Cadmium, Total	ND	7.68	5.9	77	-	-	75-125	-	20
Chromium, Total	4.8	30.1	28	77	-	-	75-125	-	20
Copper, Total	15.	37.6	46	82	-	-	75-125	-	20
Lead, Total	2.9J	76.8	59	77	-	-	75-125	-	20
Nickel, Total	8.8	75.3	62	71	Q	-	75-125	-	20
Selenium, Total	2.0	18.1	19	94	-	-	75-125	-	20
Silver, Total	ND	45.2	42	93	-	-	75-125	-	20
Thallium, Total	ND	18.1	12	66	Q	-	75-125	-	20
Zinc, Total	15.	75.3	67	69	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 43-48 QC Batch ID: WG910525-3 WG910525-4 QC Sample: L1620368-44 Client ID: P2-3 (8-10)									
Antimony, Total	ND	90.2	75	83	78	88	75-125	4	20
Arsenic, Total	5.4	21.6	25	90	25	92	75-125	0	20
Beryllium, Total	ND	9.02	7.9	88	7.4	83	75-125	7	20
Cadmium, Total	2.0	9.2	9.9	86	8.9	76	75-125	11	20
Chromium, Total	1.8	36.1	31	81	30	80	75-125	3	20
Copper, Total	39.	45.1	60	46	Q 66	61	Q 75-125	10	20
Lead, Total	70.	92	110	43	Q 120	55	Q 75-125	9	20
Nickel, Total	3.3	90.2	74	78	71	76	75-125	4	20
Selenium, Total	0.53J	21.6	16	74	Q 17	80	75-125	6	20
Silver, Total	ND	54.1	34	63	Q 51	96	75-125	40	Q 20
Thallium, Total	0.28J	21.6	16	74	Q 14	66	Q 75-125	13	20
Zinc, Total	850	90.2	1000	166	Q 900	56	Q 75-125	11	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910528-4 QC Sample: L1620368-01 Client ID: P3-1 (0-4)									
Mercury, Total	0.62	0.174	0.99	213	Q -	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 QC Batch ID: WG910529-4 QC Sample: L1620368-21 Client ID: P3-2 (8-10)									
Mercury, Total	ND	0.254	0.36	142	Q -	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 43-48 QC Batch ID: WG910536-3 WG910536-4 QC Sample: L1620368-44 Client ID: P2-3 (8-10)									
Mercury, Total	ND	0.308	0.54	175	Q 0.52	167	Q 80-120	4	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910523-3 QC Sample: L1620368-01 Client ID: P3-1 (0-4)						
Antimony, Total	3.8	3.7	mg/kg	3		20
Arsenic, Total	71.	60	mg/kg	17		20
Beryllium, Total	0.85	0.23J	mg/kg	NC		20
Cadmium, Total	53.	18	mg/kg	99	Q	20
Chromium, Total	6.2	8.6	mg/kg	32	Q	20
Copper, Total	1400	880	mg/kg	46	Q	20
Lead, Total	1600	1500	mg/kg	6		20
Nickel, Total	36.	13	mg/kg	94	Q	20
Selenium, Total	0.34J	0.71J	mg/kg	NC		20
Silver, Total	3.8	3.7	mg/kg	3		20
Thallium, Total	1.2	0.57J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910523-3 QC Sample: L1620368-01 Client ID: P3-1 (0-4)						
Zinc, Total	16000	6900	mg/kg	79	Q	20

Lab Duplicate Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 QC Batch ID: WG910524-3 QC Sample: L1620368-21 Client ID: P3-2 (8-10)					
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	0.629J	0.83	mg/kg	NC	20
Beryllium, Total	ND	ND	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Chromium, Total	4.8	4.7	mg/kg	2	20
Copper, Total	15.	13	mg/kg	14	20
Lead, Total	2.9J	3.5J	mg/kg	NC	20
Nickel, Total	8.8	8.4	mg/kg	5	20
Selenium, Total	2.0	2.0	mg/kg	0	20
Silver, Total	ND	ND	mg/kg	NC	20
Thallium, Total	ND	ND	mg/kg	NC	20
Zinc, Total	15.	18	mg/kg	18	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910528-3 QC Sample: L1620368-01 Client ID: P3-1 (0-4)					
Mercury, Total	0.62	0.60	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 QC Batch ID: WG910529-3 QC Sample: L1620368-21 Client ID: P3-2 (8-10)					
Mercury, Total	ND	ND	mg/kg	NC	20



INORGANICS & MISCELLANEOUS

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-01

Date Collected: 06/29/16 08:40

Client ID: P3-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.0		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-02

Date Collected: 06/29/16 08:40

Client ID: P3-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-03

Date Collected: 06/29/16 08:40

Client ID: P3-1 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	47.6		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-04

Date Collected: 06/29/16 08:40

Client ID: P3-1 (12-16)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	64.9		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-05

Date Collected: 06/29/16 08:55

Client ID: P3-9 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-06

Date Collected: 06/29/16 08:55

Client ID: P3-9 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	48.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-07

Date Collected: 06/29/16 08:55

Client ID: P3-9 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.8		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-08

Date Collected: 06/29/16 08:55

Client ID: P3-9 (12-16)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	58.0		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-09

Date Collected: 06/29/16 09:05

Client ID: P3-8 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-10

Date Collected: 06/29/16 09:15

Client ID: P3-7 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.3		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-11

Date Collected: 06/29/16 09:15

Client ID: P3-7 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	44.6		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-12

Date Collected: 06/29/16 09:20

Client ID: P3-6 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-13

Date Collected: 06/29/16 09:20

Client ID: P3-6 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	45.6		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS**

Lab ID: L1620368-14

Date Collected: 06/29/16 09:35

Client ID: P3-5 (6-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	55.8		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-15

Date Collected: 06/29/16 10:45

Client ID: P3-4 (6-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	49.4		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-16

Date Collected: 06/29/16 10:45

Client ID: P3-4 (10-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	43.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-17

Date Collected: 06/29/16 11:30

Client ID: P3-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.4		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-18

Date Collected: 06/29/16 11:30

Client ID: P3-3 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	48.8		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-19

Date Collected: 06/29/16 11:30

Client ID: P3-3 (12-14)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.7		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-20

Date Collected: 06/29/16 12:00

Client ID: P3-2 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	42.7		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-21

Date Collected: 06/29/16 12:00

Client ID: P3-2 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.0		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-22

Date Collected: 06/29/16 12:10

Client ID: P3-10 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	59.7		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-23

Date Collected: 06/29/16 12:10

Client ID: P3-10 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	57.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-24

Date Collected: 06/29/16 13:00

Client ID: P1-5 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.4		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-25

Date Collected: 06/29/16 13:00

Client ID: P1-5 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-26

Date Collected: 06/29/16 12:35

Client ID: P1-4 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-27

Date Collected: 06/29/16 12:35

Client ID: P1-4 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	55.2		%	0.100	NA	1	-	07/12/16 09:49	121,2540G	RI



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-28

Date Collected: 06/29/16 12:45

Client ID: P1-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-29

Date Collected: 06/29/16 12:45

Client ID: P1-3 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-30

Date Collected: 06/29/16 13:05

Client ID: P4-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-31

Date Collected: 06/29/16 13:05

Client ID: P4-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	42.7		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-32

Date Collected: 06/29/16 13:15

Client ID: P4-2 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-33

Date Collected: 06/29/16 13:15

Client ID: P4-2 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-34

Date Collected: 06/29/16 13:30

Client ID: P4-3 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-35

Date Collected: 06/29/16 13:30

Client ID: P4-3 (2.5-3)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	82.5		%	0.100	0.100	1	-	07/11/16 16:01	121,2540G	SP



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-36

Date Collected: 06/29/16 13:30

Client ID: P4-3 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-37

Date Collected: 06/29/16 14:20

Client ID: P1-2 (3-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 10/25/16**SAMPLE RESULTS****Lab ID:** L1620368-38**Date Collected:** 06/30/16 08:30**Client ID:** P1-1 (4-8)**Date Received:** 06/30/16**Sample Location:** SYRACUSE, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-39

Date Collected: 06/30/16 08:30

Client ID: P1-1 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.3		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-40

Date Collected: 06/30/16 08:40

Client ID: P2-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	59.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-41

Date Collected: 06/30/16 08:40

Client ID: P2-1 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	52.3		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-42

Date Collected: 06/30/16 09:05

Client ID: P2-2 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.6		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-43

Date Collected: 06/30/16 09:05

Client ID: P2-2 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.0		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-44

Date Collected: 06/30/16 09:25

Client ID: P2-3 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	43.8		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-45

Date Collected: 06/29/16 12:00

Client ID: DUP01

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	49.3		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-46

Date Collected: 06/30/16 12:00

Client ID: DUP02

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	58.9		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-47

Date Collected: 06/30/16 13:00

Client ID: DUP03

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.7		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

SAMPLE RESULTS

Lab ID: L1620368-48

Date Collected: 06/30/16 09:15

Client ID: P2-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.6		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Lab Duplicate Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 41-48 QC Batch ID: WG910888-1 QC Sample: L1620628-46 Client ID: DUP Sample						
Solids, Total	94.4	94.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG910890-1 QC Sample: L1620368-01 Client ID: P3-1 (0-4)						
Solids, Total	73.0	72.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 21-26,28-34,36-40 QC Batch ID: WG910891-1 QC Sample: L1620368-21 Client ID: P3-2 (8-10)						
Solids, Total	53.0	49.6	%	7		20
General Chemistry - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG912318-1 QC Sample: L1620989-02 Client ID: DUP Sample						
Solids, Total	53.6	52.2	%	3		10
General Chemistry - Westborough Lab Associated sample(s): 27 QC Batch ID: WG912577-1 QC Sample: L1620368-27 Client ID: P1-4 (8-12)						
Solids, Total	55.2	53.4	%	3		20

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 10/25/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler

A Absent

B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-01A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-01A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-01B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-02A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-02A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-02B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-03A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-03A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-03B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-04A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-04A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-04B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-05A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-05A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-05B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days



Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-06A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-06A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-06B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-07A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-07A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-07B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-08A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-08A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-08B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-09A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-09A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-09B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-10A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-10A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-10B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-11A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-11A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-11B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-12A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-12A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 10/25/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-12B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-13A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-13A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-13B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-14A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-14A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-14B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-15A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-15A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-15B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-16A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-16A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-16B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-17A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-17A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-17B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-18A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-18A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-18B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-19A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-19A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-19B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-20A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-20A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-20B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-21A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-21A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-21B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-22A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-22A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-22B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-23A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-23A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-23B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-24A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-24A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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L1620368-24B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-25A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-25A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-25B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-26A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-26A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-26B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-27A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-27A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-27B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-28A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-28A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-28B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-29A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-29A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-29B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-30A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-30A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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L1620368-30B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-30C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14)
L1620368-31A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-31A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-31B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-31C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14)
L1620368-32A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-32A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-32B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-32C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14)
L1620368-33A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-33A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-33B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-33C	Glass 120ml/4oz unpreserved	B	N/A	3.7	Y	Absent	NYTCL-8270(14)
L1620368-34A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-34A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-34B	Glass 120ml/4oz unpreserved	B	N/A	3.7	Y	Absent	NYTCL-8270(14),TS(7)
L1620368-35A	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),A2-TS(7),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-36A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-36A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

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L1620368-36B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-36C	Glass 120ml/4oz unpreserved	B	N/A	3.7	Y	Absent	NYTCL-8270(14)
L1620368-37A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-37A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-37B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-38A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-38A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-38B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-39A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-39A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-39B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-40A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-40A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-40B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-41A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-41A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-41B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-42A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-42A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-43A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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L1620368-43A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-43B	Metals Only - Glass 60mL/2oz unpr	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-44A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-44A1	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-44A2	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-44B	Metals Only - Glass 60mL/2oz unpr	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-44B1	Metals Only - Glass 60mL/2oz unpr	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-44B2	Metals Only - Glass 60mL/2oz unpr	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-45A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-45A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-45B	Metals Only - Glass 60mL/2oz unpr	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-46A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-46A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-46B	Metals Only - Glass 60mL/2oz unpr	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-47A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-47A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-47B	Metals Only - Glass 60mL/2oz unpr	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days



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Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-48A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-48A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-48B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-49A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	-
L1620368-49A1	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	-
L1620368-49B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	-
L1620368-49B1	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	-

*Values in parentheses indicate holding time in days

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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 10/25/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 5	Date Rec'd in Lab 7/1/16	ALPHA Job # C1620368							
		Project Information Project Name: <u>Embassy Suites</u> Project Location: <u>Syracuse NY</u> Project # <u>15209</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other							
Client Information Client: <u>Spectra EW</u> Address: <u>19 British AM Blvd Latham NY</u> Phone: <u>518 782 0882</u> Fax: Email:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Billing Information <input type="checkbox"/> Same as Client Info PO # Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:							
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days: <u>5-7</u>		ANALYSIS 8260 + TICs T. Metals		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)							
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.				Total Bottles							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials						
20368 - 01	P3-1 (0-4)	6-29-16	0840	SO	JCK						
	02 P3-1 (4-8)	"	"								
	03 P3-1 (8-12)	"	"								
	04 P3-1 (12-16)	"	"								
	05 P3-9 (0-4)	"	0855								
	06 P3-9 (4-8)	"	"								
	07 P3-9 (8-12)	"	"								
	08 P3-9 (12-16)	"	"								
	09 P3-8 (4-8)	"	0905								
	10 P3-7 (4-8)	"	0915								
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ Et = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: <u>AA</u> Preservative: <u>AA</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
Requisitioned By: <u>[Signature]</u> Date/Time: <u>6-30-16 1010</u>		Received By: <u>[Signature]</u> Date/Time: <u>7/1/16 000</u>									

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>4</u>	Date Rec'd in Lab 7/1/16	ALPHA Job # C1620368
		of <u>5</u>		

Project Information	Deliverables	Billing Information
Project Name: <u>Embassy Suites</u>	<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B	<input type="checkbox"/> Same as Client Info
Project Location: <u>Syracuse NY</u>	<input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)	PO #
Project # <u>15209</u>	<input type="checkbox"/> Other	

Client Information	Regulatory Requirement	Disposal Site Information
Client: <u>Spectra Environmental Group</u>	<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375	Please identify below location of applicable disposal facilities.
Address: <u>19 British American Blvd</u>	<input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51	Disposal Facility:
Latham, NY 12110	<input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other	<input type="checkbox"/> NJ <input type="checkbox"/> NY
Phone: <u>518-782-0882</u>	<input type="checkbox"/> NY Unrestricted Use	<input type="checkbox"/> Other:
Fax: <u>518-782-0882</u>	<input type="checkbox"/> NYC Sewer Discharge	


Project Manager: <u>Joe Krikorian</u> ALPHAQuote #:	Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:	These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:


ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Filtration	Sample Specific Comments
		Date	Time			NYTCL-826	NYTCL-8270	Total Metals		
20368-31	P4-1 (4-8)	6-29-16	1305	SO	JCK	1	1	1	<input type="checkbox"/> Done	Total Bottles
32	P4-2 (2-4)	u	1315			1	1	1	<input type="checkbox"/> Lab to do	
33	P4-2 (4-6)	u	1315			1	1	1	<input type="checkbox"/> Lab to do	
34	P4-3 (2-4)	u	1330			1	1	1	<input type="checkbox"/> Lab to do	
35	P4-3 (2.5-3)	u	u			1	1	1	<input type="checkbox"/> Lab to do	
36	P4-3 (4-6)	u	u			1	1	1	<input type="checkbox"/> Lab to do	
37	P1-2 (3-4)	u	1420			1	1	1	<input type="checkbox"/> Lab to do	
38	P1-1 (4-8)	6-30-16	830			1	1	1	<input type="checkbox"/> Lab to do	
39	P1-1 (8-10)	6-30-16	830			1	1	1	<input type="checkbox"/> Lab to do	
40	P2-1 (4-8)	u	840			1	1	1	<input type="checkbox"/> Lab to do	

Please specify Metals or TAL.	Container Type A A A	Preservation A A A
-------------------------------	-------------------------------	-----------------------------

Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Relinquished By: <u>[Signature]</u> Date/Time: <u>6-30-16 1740</u>	Received By: <u>[Signature]</u> Date/Time: <u>6-30-16 1710</u>
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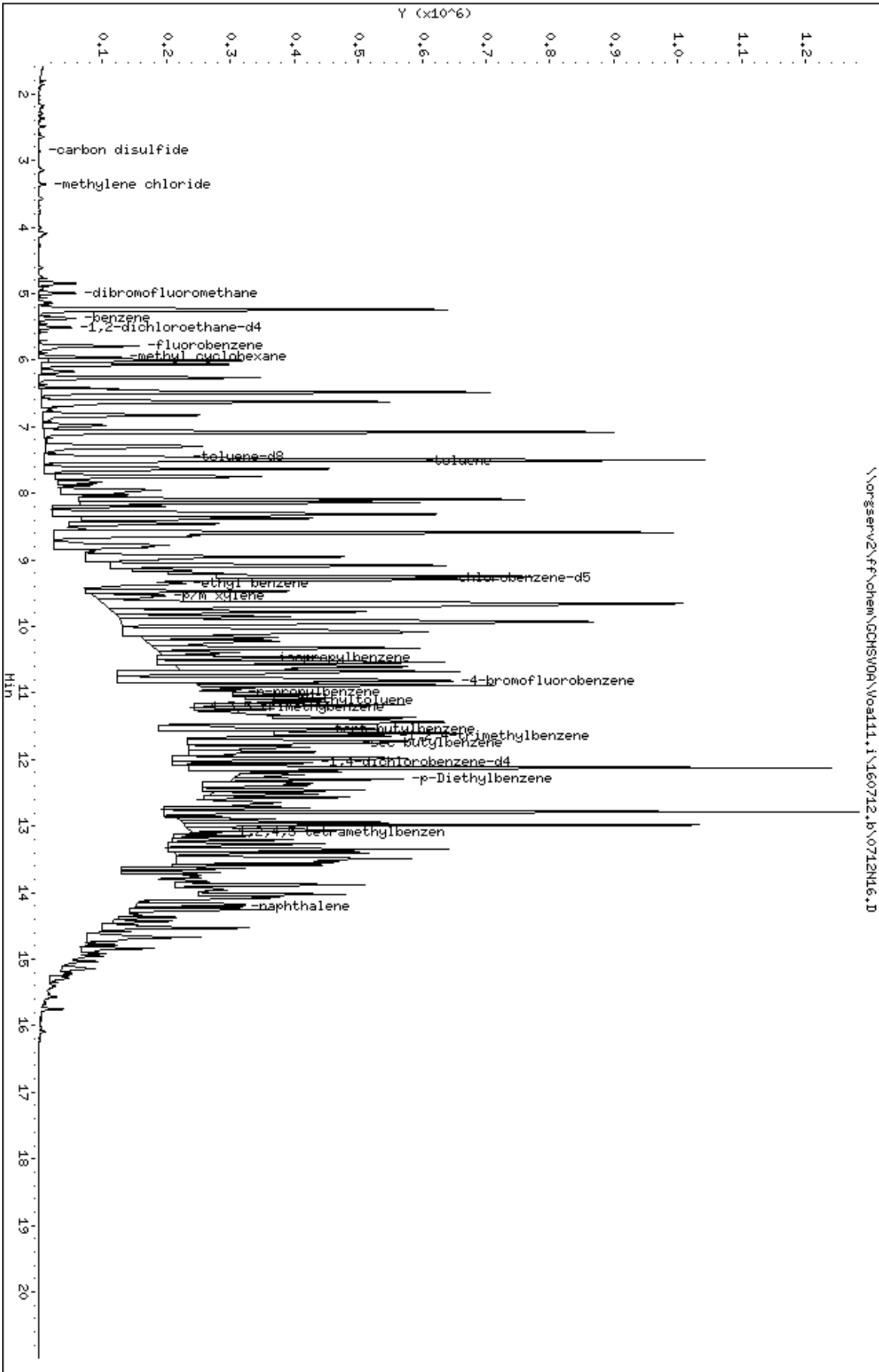
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS</u> .
--

 ALPHA ANALYTICAL Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>2</u> of <u>5</u>	Date Rec'd in Lab <u>7/11/16</u>	ALPHA Job # <u>C1620368</u>										
		Project Information Project Name: <u>Embassy Suites</u> Project Location: <u>Syracuse</u> Project # <u>15209</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input type="checkbox"/> Same as Client Info PO #									
Client Information Client: <u>Spectra Environmental Group</u> Address: <u>19 British American Blvd</u> <u>Latham, NY 12110</u> Phone: <u>518-782-0882</u> Fax: Email: <u>jkrikorian@spectraenv.com</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:											
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		ANALYSIS											
Other project specific requirements/comments:		Please specify Metals or TAL.		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)											
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection		Sample Matrix		Sampler's Initials		Total Metals		Sample Specific Comments			
				Date		Time									
<u>20368-41</u>		<u>P2-1 (8-10)</u>		<u>6-30-16</u>		<u>840</u>		<u>SO</u>		<u>JCK</u>					
<u>42</u>		<u>P2-2 (4-8)</u>		<u>6-30-16</u>		<u>905</u>									
<u>43</u>		<u>P2-2 (8-10)</u>		<u>"</u>		<u>"</u>									
<u>44</u>		<u>P2-3 (8-10)</u>		<u>"</u>		<u>925</u>									
		<u>MS</u>		<u>"</u>		<u>1000</u>									
		<u>MSD</u>		<u>"</u>		<u>1000</u>									
<u>45</u>		<u>DUP 01</u>		<u>6-29-16</u>		<u>1200</u>									
<u>46</u>		<u>DUP 02</u>		<u>6-30-16</u>		<u>"</u>									
<u>47</u>		<u>DUP 03</u>		<u>6-30-16</u>		<u>1300</u>									
<u>48</u>		<u>P2-3 (4-8)</u>		<u>"</u>		<u>915</u>									
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A A A		Preservative A A A						Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS.</u>	
		Relinquished By: <u>[Signature]</u>		Date/Time: <u>6-30-16 1740</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7/11/16 0900</u>							

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 3 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>2</u> of <u>5</u>	Date Rec'd in Lab <u>7/11/16</u>	ALPHA Job # <u>C1620368</u>						
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288								
Project Information Project Name: <u>Embassy Suites</u> Project Location: <u>Syracuse</u> Project # <u>15209</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input type="checkbox"/> Same as Client Info PO #						
Client Information Client: <u>Spectra Environmental Group</u> Address: <u>19 British American Blvd</u> <u>Latham, NY 12110</u> Phone: <u>518-782-0882</u> Fax: Email: <u>jkrikorian@spectraenv.com</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:						
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		ANALYSIS								
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Other project specific requirements/comments:		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)						
Please specify Metals or TAL.		Total Metals								
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-826	NYTCL-8270	Total Metals	Sample Specific Comments	
<u>20368-41</u>	<u>P2-1 (8-10)</u>	<u>6-30-16</u>	<u>840</u>	<u>SO</u>	<u>JCK</u>					
<u>42</u>	<u>P2-2 (4-8)</u>	<u>6-30-16</u>	<u>905</u>							
<u>43</u>	<u>P2-2 (8-10)</u>	<u>"</u>	<u>"</u>							
<u>44</u>	<u>P2-3 (8-10)</u>	<u>"</u>	<u>915</u>							
	<u>MS</u>	<u>"</u>	<u>1000</u>							
	<u>MSD</u>	<u>"</u>	<u>1000</u>							
<u>45</u>	<u>DUP 01</u>	<u>6-29-16</u>	<u>1200</u>							
<u>46</u>	<u>DUP 02</u>	<u>6-30-16</u>	<u>"</u>							
<u>47</u>	<u>DUP 03</u>	<u>6-30-16</u>	<u>"</u>							
<u>48</u>	<u>P2-3 (4-8)</u>	<u>"</u>	<u>915</u>							
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A A A Preservative A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS.</u>		
		Relinquished By: <u>[Signature]</u>		Date/Time: <u>6-30-16 1740</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7/11/16 0900</u>		

Data File: \\norserv2\ff\chem\GCHSW0A\Voas11.1\160712.16\0712N16.D
Date : 12-JUL-2016 19:30
Client ID:
Sample Info: 11620368-37D,31,5,5,0,0,020,,a
Volume Injected (uL): 0.1
Column phase: Rtx-502.2

Instrument: Voas11.1
Operator: mv
Column diameter: 0.18





ANALYTICAL REPORT

Lab Number:	L1620368
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Joe Krikorian
Phone:	(518) 782-0882
Project Name:	EMBASSY SUITES
Project Number:	15209
Report Date:	07/13/16

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Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1620368-01	P3-1 (0-4)	SOIL	SYRACUSE, NY	06/29/16 08:40	06/30/16
L1620368-02	P3-1 (4-8)	SOIL	SYRACUSE, NY	06/29/16 08:40	06/30/16
L1620368-03	P3-1 (8-12)	SOIL	SYRACUSE, NY	06/29/16 08:40	06/30/16
L1620368-04	P3-1 (12-16)	SOIL	SYRACUSE, NY	06/29/16 08:40	06/30/16
L1620368-05	P3-9 (0-4)	SOIL	SYRACUSE, NY	06/29/16 08:55	06/30/16
L1620368-06	P3-9 (4-8)	SOIL	SYRACUSE, NY	06/29/16 08:55	06/30/16
L1620368-07	P3-9 (8-12)	SOIL	SYRACUSE, NY	06/29/16 08:55	06/30/16
L1620368-08	P3-9 (12-16)	SOIL	SYRACUSE, NY	06/29/16 08:55	06/30/16
L1620368-09	P3-8 (4-8)	SOIL	SYRACUSE, NY	06/29/16 09:05	06/30/16
L1620368-10	P3-7 (4-8)	SOIL	SYRACUSE, NY	06/29/16 09:15	06/30/16
L1620368-11	P3-7 (8-12)	SOIL	SYRACUSE, NY	06/29/16 09:15	06/30/16
L1620368-12	P3-6 (4-8)	SOIL	SYRACUSE, NY	06/29/16 09:20	06/30/16
L1620368-13	P3-6 (8-12)	SOIL	SYRACUSE, NY	06/29/16 09:20	06/30/16
L1620368-14	P3-5 (6-8)	SOIL	SYRACUSE, NY	06/29/16 09:35	06/30/16
L1620368-15	P3-4 (6-8)	SOIL	SYRACUSE, NY	06/29/16 10:45	06/30/16
L1620368-16	P3-4 (10-12)	SOIL	SYRACUSE, NY	06/29/16 10:45	06/30/16
L1620368-17	P3-3 (4-8)	SOIL	SYRACUSE, NY	06/29/16 11:30	06/30/16
L1620368-18	P3-3 (8-10)	SOIL	SYRACUSE, NY	06/29/16 11:30	06/30/16
L1620368-19	P3-3 (12-14)	SOIL	SYRACUSE, NY	06/29/16 11:30	06/30/16
L1620368-20	P3-2 (4-8)	SOIL	SYRACUSE, NY	06/29/16 12:00	06/30/16
L1620368-21	P3-2 (8-10)	SOIL	SYRACUSE, NY	06/29/16 12:00	06/30/16
L1620368-22	P3-10 (4-8)	SOIL	SYRACUSE, NY	06/29/16 12:10	06/30/16
L1620368-23	P3-10 (8-10)	SOIL	SYRACUSE, NY	06/29/16 12:10	06/30/16
L1620368-24	P1-5 (4-8)	SOIL	SYRACUSE, NY	06/29/16 13:00	06/30/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1620368-25	P1-5 (8-10)	SOIL	SYRACUSE, NY	06/29/16 13:00	06/30/16
L1620368-26	P1-4 (4-8)	SOIL	SYRACUSE, NY	06/29/16 12:35	06/30/16
L1620368-27	P1-4 (8-12)	SOIL	SYRACUSE, NY	06/29/16 12:35	06/30/16
L1620368-28	P1-3 (4-8)	SOIL	SYRACUSE, NY	06/29/16 12:45	06/30/16
L1620368-29	P1-3 (8-12)	SOIL	SYRACUSE, NY	06/29/16 12:45	06/30/16
L1620368-30	P4-1 (0-4)	SOIL	SYRACUSE, NY	06/29/16 13:05	06/30/16
L1620368-31	P4-1 (4-8)	SOIL	SYRACUSE, NY	06/29/16 13:05	06/30/16
L1620368-32	P4-2 (2-4)	SOIL	SYRACUSE, NY	06/29/16 13:15	06/30/16
L1620368-33	P4-2 (4-6)	SOIL	SYRACUSE, NY	06/29/16 13:15	06/30/16
L1620368-34	P4-3 (2-4)	SOIL	SYRACUSE, NY	06/29/16 13:30	06/30/16
L1620368-35	P4-3 (2.5-3)	SOIL	SYRACUSE, NY	06/29/16 13:30	06/30/16
L1620368-36	P4-3 (4-6)	SOIL	SYRACUSE, NY	06/29/16 13:30	06/30/16
L1620368-37	P1-2 (3-4)	SOIL	SYRACUSE, NY	06/29/16 14:20	06/30/16
L1620368-38	P1-1 (4-8)	SOIL	SYRACUSE, NY	06/30/16 08:30	06/30/16
L1620368-39	P1-1 (8-10)	SOIL	SYRACUSE, NY	06/30/16 08:30	06/30/16
L1620368-40	P2-1 (4-8)	SOIL	SYRACUSE, NY	06/30/16 08:40	06/30/16
L1620368-41	P2-1 (8-10)	SOIL	SYRACUSE, NY	06/30/16 08:40	06/30/16
L1620368-42	P2-2 (4-8)	SOIL	SYRACUSE, NY	06/30/16 09:05	06/30/16
L1620368-43	P2-2 (8-10)	SOIL	SYRACUSE, NY	06/30/16 09:05	06/30/16
L1620368-44	P2-3 (8-10)	SOIL	SYRACUSE, NY	06/30/16 09:25	06/30/16
L1620368-45	DUP01	SOIL	SYRACUSE, NY	06/29/16 12:00	06/30/16
L1620368-46	DUP02	SOIL	SYRACUSE, NY	06/30/16 12:00	06/30/16
L1620368-47	DUP03	SOIL	SYRACUSE, NY	06/30/16 13:00	06/30/16
L1620368-48	P2-3 (4-8)	SOIL	SYRACUSE, NY	06/30/16 09:15	06/30/16

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

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Lab Number: L1620368
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Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The samples were received at the laboratory on June 30, 2016; however, the chain of custody was not relinquished. The requested analyses were performed.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L1620368-01, -07, -09, -10, -16, -17, -20, -22, -25, -26, -31, -33, -36, -37, -46, and -47: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1620368-37: The surrogate recoveries are outside the acceptance criteria for toluene-d8 (131%) and 4-bromofluorobenzene (208%); however, the sample was not re-analyzed due to coelution with obvious interferences. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

Semivolatile Organics

L1620368-34: The sample has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1620368-09 and -19: The sample has an elevated detection limit for lead due to the dilution required by matrix interferences encountered during analysis.

L1620368-32 and -35: The sample has an elevated detection limit for antimony due to the dilution required by matrix interferences encountered during analysis.

The WG910523-4 MS recoveries for arsenic (47%), cadmium (0%), copper (0%), lead (0%), and zinc (0%),

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Case Narrative (continued)

performed on L1620368-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG910523-4 MS recoveries, performed on L1620368-01, are outside the acceptance criteria for antimony (52%), beryllium (54%), chromium (51%), nickel (25%), selenium (55%), silver (60%) and thallium (42%). A post digestion spike was performed and yielded unacceptable recoveries for silver (17%) and thallium (12%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG910524-4 MS recoveries, performed on L1620368-21, are outside the acceptance criteria for beryllium (74%), nickel (71%), thallium (66%), and zinc (69%). A post digestion spike was performed and yielded unacceptable recoveries for beryllium (138%), nickel (140%), thallium (132%) and zinc (131%). This has been attributed to sample matrix.

The WG910525-3/-4 MS/MSD recoveries, performed on L1620368-44, are outside the acceptance criteria for copper (46%/61%), lead (43%/55%), selenium (MS 74%), silver (MS 63%), and thallium (74%/66%). A post digestion spike was performed and yielded unacceptable recoveries for copper (136%), lead (132%), selenium (172%), silver (26%) and thallium (126%). This has been attributed to sample matrix. In addition, the MS/MSD RPD is above the acceptance criteria for silver (40%).

The WG910525-3/-4 MS/MSD recoveries for zinc (166%/56%), performed on L1620368-44, do not apply because the sample concentration is greater than four times the spike amount added.

The WG910525-4 MS recovery for zinc (56%), performed on L1620368-44, does not apply because the sample concentration is greater than four times the spike amount added.

The WG910528-4 MS recovery, performed on L1620368-01, is outside the acceptance criteria for mercury (213%). A post digestion spike was performed and was within acceptance criteria.

The WG910529-4 MS recovery, performed on L1620368-21, is outside the acceptance criteria for mercury (142%). A post digestion spike was performed and was within acceptance criteria.

The WG910536-3/-4 MS/MSD recoveries, performed on L1620368-44, are outside the acceptance criteria for mercury (175%/167%). A post digestion spike was performed and yielded an unacceptable recovery of 129%. This has been attributed to sample matrix.

The WG910523-3 Laboratory Duplicate RPDs, performed on L1620368-01, are outside the acceptance criteria for cadmium (99%), chromium (32%), copper (46%), nickel (94%), and zinc (79%). The elevated RPD

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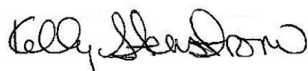
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Case Narrative (continued)

has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/13/16

ORGANICS

VOLATILES

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-01 D
 Client ID: P3-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 11:08
 Analyst: MV
 Percent Solids: 73%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	580	64.	50
1,1-Dichloroethane	ND		ug/kg	87	5.0	50
Chloroform	ND		ug/kg	87	21.	50
Carbon tetrachloride	ND		ug/kg	58	12.	50
1,2-Dichloropropane	ND		ug/kg	200	13.	50
Dibromochloromethane	ND		ug/kg	58	8.9	50
1,1,2-Trichloroethane	ND		ug/kg	87	18.	50
Tetrachloroethene	ND		ug/kg	58	8.1	50
Chlorobenzene	ND		ug/kg	58	20.	50
Trichlorofluoromethane	ND		ug/kg	290	22.	50
1,2-Dichloroethane	ND		ug/kg	58	6.6	50
1,1,1-Trichloroethane	ND		ug/kg	58	6.4	50
Bromodichloromethane	ND		ug/kg	58	10.	50
trans-1,3-Dichloropropene	ND		ug/kg	58	7.0	50
cis-1,3-Dichloropropene	ND		ug/kg	58	6.8	50
Bromoform	ND		ug/kg	230	14.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	58	5.8	50
Benzene	130		ug/kg	58	6.8	50
Toluene	250		ug/kg	87	11.	50
Ethylbenzene	360		ug/kg	58	7.4	50
Chloromethane	34	J	ug/kg	290	17.	50
Bromomethane	ND		ug/kg	120	20.	50
Vinyl chloride	ND		ug/kg	120	6.8	50
Chloroethane	ND		ug/kg	120	18.	50
1,1-Dichloroethene	ND		ug/kg	58	15.	50
trans-1,2-Dichloroethene	ND		ug/kg	87	12.	50
Trichloroethene	ND		ug/kg	58	7.2	50
1,2-Dichlorobenzene	ND		ug/kg	290	8.9	50
1,3-Dichlorobenzene	ND		ug/kg	290	7.8	50
1,4-Dichlorobenzene	ND		ug/kg	290	8.0	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-01 D

Date Collected: 06/29/16 08:40

Client ID: P3-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	120	4.9	50
p/m-Xylene	370		ug/kg	120	11.	50
o-Xylene	38	J	ug/kg	120	10.	50
cis-1,2-Dichloroethene	ND		ug/kg	58	8.3	50
Styrene	ND		ug/kg	120	23.	50
Dichlorodifluoromethane	ND		ug/kg	580	11.	50
Acetone	260	J	ug/kg	580	60.	50
Carbon disulfide	ND		ug/kg	580	64.	50
2-Butanone	ND		ug/kg	580	16.	50
4-Methyl-2-pentanone	ND		ug/kg	580	14.	50
2-Hexanone	ND		ug/kg	580	39.	50
Bromochloromethane	ND		ug/kg	290	16.	50
1,2-Dibromoethane	ND		ug/kg	230	10.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	290	23.	50
Isopropylbenzene	1100		ug/kg	58	6.0	50
1,2,3-Trichlorobenzene	ND		ug/kg	290	8.6	50
1,2,4-Trichlorobenzene	ND		ug/kg	290	10.	50
Methyl Acetate	130	J	ug/kg	1200	16.	50
Cyclohexane	400	J	ug/kg	1200	8.5	50
1,4-Dioxane	ND		ug/kg	5800	840	50
Freon-113	ND		ug/kg	1200	16.	50
Methyl cyclohexane	1600		ug/kg	230	9.0	50

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-01 D

Date Collected: 06/29/16 08:40

Client ID: P3-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	63000	J	ug/kg			50
Unknown Alkane	11000	J	ug/kg			50
Pentane, 2,3,4-trimethyl-	7400	NJ	ug/kg			50
Unknown	9600	J	ug/kg			50
Unknown	12000	J	ug/kg			50
Heptane, 2,5-dimethyl-	1900	NJ	ug/kg			50
Unknown Cyclohexane	2100	J	ug/kg			50
Unknown	3200	J	ug/kg			50
Unknown Aromatic	5800	J	ug/kg			50
Unknown Benzene	4800	J	ug/kg			50
Unknown	5100	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	90		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-02 D
 Client ID: P3-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 04:22
 Analyst: PK
 Percent Solids: 61%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14000	1500	1000
1,1-Dichloroethane	ND		ug/kg	2100	120	1000
Chloroform	ND		ug/kg	2100	510	1000
Carbon tetrachloride	ND		ug/kg	1400	290	1000
1,2-Dichloropropane	ND		ug/kg	4800	320	1000
Dibromochloromethane	ND		ug/kg	1400	210	1000
1,1,2-Trichloroethane	ND		ug/kg	2100	420	1000
Tetrachloroethene	ND		ug/kg	1400	190	1000
Chlorobenzene	ND		ug/kg	1400	480	1000
Trichlorofluoromethane	ND		ug/kg	6900	540	1000
1,2-Dichloroethane	ND		ug/kg	1400	160	1000
1,1,1-Trichloroethane	ND		ug/kg	1400	150	1000
Bromodichloromethane	ND		ug/kg	1400	240	1000
trans-1,3-Dichloropropene	ND		ug/kg	1400	170	1000
cis-1,3-Dichloropropene	ND		ug/kg	1400	160	1000
Bromoform	ND		ug/kg	5500	330	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	1400	140	1000
Benzene	310	J	ug/kg	1400	160	1000
Toluene	770	J	ug/kg	2100	270	1000
Ethylbenzene	28000		ug/kg	1400	180	1000
Chloromethane	1200	J	ug/kg	6900	410	1000
Bromomethane	ND		ug/kg	2800	470	1000
Vinyl chloride	ND		ug/kg	2800	160	1000
Chloroethane	ND		ug/kg	2800	440	1000
1,1-Dichloroethene	ND		ug/kg	1400	360	1000
trans-1,2-Dichloroethene	ND		ug/kg	2100	290	1000
Trichloroethene	ND		ug/kg	1400	170	1000
1,2-Dichlorobenzene	ND		ug/kg	6900	210	1000
1,3-Dichlorobenzene	ND		ug/kg	6900	190	1000
1,4-Dichlorobenzene	ND		ug/kg	6900	190	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-02 D
Client ID: P3-1 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2800	120	1000
p/m-Xylene	35000		ug/kg	2800	270	1000
o-Xylene	700	J	ug/kg	2800	240	1000
cis-1,2-Dichloroethene	ND		ug/kg	1400	200	1000
Styrene	ND		ug/kg	2800	560	1000
Dichlorodifluoromethane	ND		ug/kg	14000	260	1000
Acetone	ND		ug/kg	14000	1400	1000
Carbon disulfide	ND		ug/kg	14000	1500	1000
2-Butanone	ND		ug/kg	14000	380	1000
4-Methyl-2-pentanone	ND		ug/kg	14000	340	1000
2-Hexanone	ND		ug/kg	14000	920	1000
Bromochloromethane	ND		ug/kg	6900	380	1000
1,2-Dibromoethane	ND		ug/kg	5500	240	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	6900	550	1000
Isopropylbenzene	5400		ug/kg	1400	140	1000
1,2,3-Trichlorobenzene	ND		ug/kg	6900	200	1000
1,2,4-Trichlorobenzene	ND		ug/kg	6900	250	1000
Methyl Acetate	ND		ug/kg	28000	370	1000
Cyclohexane	63000		ug/kg	28000	200	1000
1,4-Dioxane	ND		ug/kg	140000	20000	1000
Freon-113	ND		ug/kg	28000	380	1000
Methyl cyclohexane	140000		ug/kg	5500	210	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-02 D
 Client ID: P3-1 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	450000	J	ug/kg			1000
Pentane, 2-methyl-	52000	NJ	ug/kg			1000
Cyclopentane, Methyl-	49000	NJ	ug/kg			1000
Unknown	59000	J	ug/kg			1000
Unknown Alkane	36000	J	ug/kg			1000
Unknown Cyclohexane	43000	J	ug/kg			1000
Unknown	49000	J	ug/kg			1000
Unknown Benzene	41000	J	ug/kg			1000
Unknown Benzene	34000	J	ug/kg			1000
Unknown Benzene	42000	J	ug/kg			1000
Unknown Aromatic	46000	J	ug/kg			1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	72		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	82		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-03 D
 Client ID: P3-1 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 04:47
 Analyst: PK
 Percent Solids: 48%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4200	460	250
1,1-Dichloroethane	ND		ug/kg	620	36.	250
Chloroform	ND		ug/kg	620	150	250
Carbon tetrachloride	ND		ug/kg	420	88.	250
1,2-Dichloropropane	ND		ug/kg	1400	95.	250
Dibromochloromethane	ND		ug/kg	420	64.	250
1,1,2-Trichloroethane	ND		ug/kg	620	130	250
Tetrachloroethene	ND		ug/kg	420	58.	250
Chlorobenzene	ND		ug/kg	420	140	250
Trichlorofluoromethane	ND		ug/kg	2100	160	250
1,2-Dichloroethane	ND		ug/kg	420	47.	250
1,1,1-Trichloroethane	ND		ug/kg	420	46.	250
Bromodichloromethane	ND		ug/kg	420	72.	250
trans-1,3-Dichloropropene	ND		ug/kg	420	50.	250
cis-1,3-Dichloropropene	ND		ug/kg	420	49.	250
Bromoform	ND		ug/kg	1700	98.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	420	42.	250
Benzene	110	J	ug/kg	420	49.	250
Toluene	240	J	ug/kg	620	81.	250
Ethylbenzene	9200		ug/kg	420	53.	250
Chloromethane	280	J	ug/kg	2100	120	250
Bromomethane	ND		ug/kg	830	140	250
Vinyl chloride	ND		ug/kg	830	49.	250
Chloroethane	ND		ug/kg	830	130	250
1,1-Dichloroethene	ND		ug/kg	420	110	250
trans-1,2-Dichloroethene	ND		ug/kg	620	88.	250
Trichloroethene	ND		ug/kg	420	52.	250
1,2-Dichlorobenzene	ND		ug/kg	2100	64.	250
1,3-Dichlorobenzene	ND		ug/kg	2100	56.	250
1,4-Dichlorobenzene	ND		ug/kg	2100	58.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-03 D
Client ID: P3-1 (8-12)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	830	35.	250
p/m-Xylene	12000		ug/kg	830	82.	250
o-Xylene	320	J	ug/kg	830	72.	250
cis-1,2-Dichloroethene	ND		ug/kg	420	60.	250
Styrene	ND		ug/kg	830	170	250
Dichlorodifluoromethane	ND		ug/kg	4200	80.	250
Acetone	ND		ug/kg	4200	430	250
Carbon disulfide	ND		ug/kg	4200	460	250
2-Butanone	ND		ug/kg	4200	110	250
4-Methyl-2-pentanone	ND		ug/kg	4200	100	250
2-Hexanone	ND		ug/kg	4200	280	250
Bromochloromethane	ND		ug/kg	2100	120	250
1,2-Dibromoethane	ND		ug/kg	1700	73.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	2100	160	250
Isopropylbenzene	2000		ug/kg	420	43.	250
1,2,3-Trichlorobenzene	ND		ug/kg	2100	62.	250
1,2,4-Trichlorobenzene	ND		ug/kg	2100	76.	250
Methyl Acetate	ND		ug/kg	8300	110	250
Cyclohexane	14000		ug/kg	8300	61.	250
1,4-Dioxane	ND		ug/kg	42000	6000	250
Freon-113	ND		ug/kg	8300	110	250
Methyl cyclohexane	31000		ug/kg	1700	64.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-03 D
 Client ID: P3-1 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	130000	J	ug/kg			250
Pentane, 2-methyl-	11000	NJ	ug/kg			250
Cyclopentane, Methyl-	12000	NJ	ug/kg			250
Unknown	11000	J	ug/kg			250
Unknown Benzene	11000	J	ug/kg			250
Unknown	17000	J	ug/kg			250
Unknown Benzene	15000	J	ug/kg			250
Unknown Benzene	13000	J	ug/kg			250
Unknown Benzene	15000	J	ug/kg			250
Unknown Aromatic	10000	J	ug/kg			250
Unknown Aromatic	16000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	70		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	80		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-04 D
 Client ID: P3-1 (12-16)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 05:13
 Analyst: PK
 Percent Solids: 65%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3600	390	250
1,1-Dichloroethane	ND		ug/kg	540	30.	250
Chloroform	ND		ug/kg	540	130	250
Carbon tetrachloride	ND		ug/kg	360	75.	250
1,2-Dichloropropane	ND		ug/kg	1200	81.	250
Dibromochloromethane	ND		ug/kg	360	55.	250
1,1,2-Trichloroethane	ND		ug/kg	540	110	250
Tetrachloroethene	ND		ug/kg	360	50.	250
Chlorobenzene	ND		ug/kg	360	120	250
Trichlorofluoromethane	ND		ug/kg	1800	140	250
1,2-Dichloroethane	ND		ug/kg	360	40.	250
1,1,1-Trichloroethane	ND		ug/kg	360	40.	250
Bromodichloromethane	ND		ug/kg	360	62.	250
trans-1,3-Dichloropropene	ND		ug/kg	360	43.	250
cis-1,3-Dichloropropene	ND		ug/kg	360	42.	250
Bromoform	ND		ug/kg	1400	84.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	360	36.	250
Benzene	790		ug/kg	360	42.	250
Toluene	440	J	ug/kg	540	69.	250
Ethylbenzene	11000		ug/kg	360	45.	250
Chloromethane	280	J	ug/kg	1800	100	250
Bromomethane	ND		ug/kg	710	120	250
Vinyl chloride	ND		ug/kg	710	42.	250
Chloroethane	ND		ug/kg	710	110	250
1,1-Dichloroethene	ND		ug/kg	360	93.	250
trans-1,2-Dichloroethene	ND		ug/kg	540	76.	250
Trichloroethene	ND		ug/kg	360	44.	250
1,2-Dichlorobenzene	ND		ug/kg	1800	55.	250
1,3-Dichlorobenzene	ND		ug/kg	1800	48.	250
1,4-Dichlorobenzene	ND		ug/kg	1800	49.	250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-04 D

Date Collected: 06/29/16 08:40

Client ID: P3-1 (12-16)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	710	30.	250
p/m-Xylene	20000		ug/kg	710	70.	250
o-Xylene	530	J	ug/kg	710	61.	250
cis-1,2-Dichloroethene	ND		ug/kg	360	51.	250
Styrene	ND		ug/kg	710	140	250
Dichlorodifluoromethane	ND		ug/kg	3600	68.	250
Acetone	ND		ug/kg	3600	370	250
Carbon disulfide	ND		ug/kg	3600	390	250
2-Butanone	ND		ug/kg	3600	97.	250
4-Methyl-2-pentanone	ND		ug/kg	3600	87.	250
2-Hexanone	ND		ug/kg	3600	240	250
Bromochloromethane	ND		ug/kg	1800	98.	250
1,2-Dibromoethane	ND		ug/kg	1400	62.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	1800	140	250
Isopropylbenzene	1800		ug/kg	360	37.	250
1,2,3-Trichlorobenzene	ND		ug/kg	1800	53.	250
1,2,4-Trichlorobenzene	ND		ug/kg	1800	65.	250
Methyl Acetate	ND		ug/kg	7100	96.	250
Cyclohexane	29000		ug/kg	7100	52.	250
1,4-Dioxane	ND		ug/kg	36000	5100	250
Freon-113	ND		ug/kg	7100	98.	250
Methyl cyclohexane	60000		ug/kg	1400	55.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-04 D
 Client ID: P3-1 (12-16)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	200000	J	ug/kg			250
Pentane, 2-methyl-	25000	NJ	ug/kg			250
Cyclopentane, Methyl-	21000	NJ	ug/kg			250
Unknown Alkane	30000	J	ug/kg			250
Heptane, 2-methyl-	19000	NJ	ug/kg			250
Unknown	19000	J	ug/kg			250
Unknown	19000	J	ug/kg			250
Unknown Benzene	14000	J	ug/kg			250
Unknown Aromatic	16000	J	ug/kg			250
Unknown Aromatic	19000	J	ug/kg			250
Unknown	15000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	71		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	80		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-05
 Client ID: P3-9 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 05:39
 Analyst: PK
 Percent Solids: 79%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	3.0		ug/kg	1.1	0.13	1
Toluene	0.87	J	ug/kg	1.7	0.22	1
Ethylbenzene	2.3		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.3	0.38	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.16	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-05
Client ID: P3-9 (0-4)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	3.8		ug/kg	2.3	0.22	1
o-Xylene	0.64	J	ug/kg	2.3	0.19	1
cis-1,2-Dichloroethene	0.30	J	ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.3	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	44		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.45	1
Isopropylbenzene	3.3		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
Methyl Acetate	ND		ug/kg	23	0.30	1
Cyclohexane	3.7	J	ug/kg	23	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	23	0.31	1
Methyl cyclohexane	10		ug/kg	4.5	0.17	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-05
 Client ID: P3-9 (0-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	440	J	ug/kg			1
Unknown Benzene	38	J	ug/kg			1
Unknown	42	J	ug/kg			1
Unknown Benzene	21	J	ug/kg			1
Unknown	25	J	ug/kg			1
Unknown	30	J	ug/kg			1
Unknown	35	J	ug/kg			1
Tetradecane	73	NJ	ug/kg			1
Unknown Alkane	34	J	ug/kg			1
Unknown	44	J	ug/kg			1
Unknown	100	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	71		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	84		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-06 D
 Client ID: P3-9 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 06:04
 Analyst: PK
 Percent Solids: 48%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4200	470	250
1,1-Dichloroethane	ND		ug/kg	640	36.	250
Chloroform	ND		ug/kg	640	160	250
Carbon tetrachloride	ND		ug/kg	420	89.	250
1,2-Dichloropropane	ND		ug/kg	1500	97.	250
Dibromochloromethane	ND		ug/kg	420	65.	250
1,1,2-Trichloroethane	ND		ug/kg	640	130	250
Tetrachloroethene	ND		ug/kg	420	60.	250
Chlorobenzene	ND		ug/kg	420	150	250
Trichlorofluoromethane	ND		ug/kg	2100	160	250
1,2-Dichloroethane	ND		ug/kg	420	48.	250
1,1,1-Trichloroethane	ND		ug/kg	420	47.	250
Bromodichloromethane	ND		ug/kg	420	74.	250
trans-1,3-Dichloropropene	ND		ug/kg	420	51.	250
cis-1,3-Dichloropropene	ND		ug/kg	420	50.	250
Bromoform	ND		ug/kg	1700	100	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	420	43.	250
Benzene	660		ug/kg	420	50.	250
Toluene	280	J	ug/kg	640	83.	250
Ethylbenzene	16000		ug/kg	420	54.	250
Chloromethane	320	J	ug/kg	2100	120	250
Bromomethane	ND		ug/kg	850	140	250
Vinyl chloride	ND		ug/kg	850	50.	250
Chloroethane	ND		ug/kg	850	130	250
1,1-Dichloroethene	ND		ug/kg	420	110	250
trans-1,2-Dichloroethene	ND		ug/kg	640	90.	250
Trichloroethene	ND		ug/kg	420	53.	250
1,2-Dichlorobenzene	ND		ug/kg	2100	65.	250
1,3-Dichlorobenzene	ND		ug/kg	2100	57.	250
1,4-Dichlorobenzene	ND		ug/kg	2100	59.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-06 D
Client ID: P3-9 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	850	36.	250
p/m-Xylene	20000		ug/kg	850	84.	250
o-Xylene	510	J	ug/kg	850	73.	250
cis-1,2-Dichloroethene	ND		ug/kg	420	61.	250
Styrene	ND		ug/kg	850	170	250
Dichlorodifluoromethane	ND		ug/kg	4200	81.	250
Acetone	ND		ug/kg	4200	440	250
Carbon disulfide	ND		ug/kg	4200	470	250
2-Butanone	ND		ug/kg	4200	120	250
4-Methyl-2-pentanone	ND		ug/kg	4200	100	250
2-Hexanone	ND		ug/kg	4200	280	250
Bromochloromethane	ND		ug/kg	2100	120	250
1,2-Dibromoethane	ND		ug/kg	1700	74.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	2100	170	250
Isopropylbenzene	3100		ug/kg	420	44.	250
1,2,3-Trichlorobenzene	ND		ug/kg	2100	63.	250
1,2,4-Trichlorobenzene	ND		ug/kg	2100	77.	250
Methyl Acetate	ND		ug/kg	8500	110	250
Cyclohexane	26000		ug/kg	8500	62.	250
1,4-Dioxane	ND		ug/kg	42000	6100	250
Freon-113	ND		ug/kg	8500	120	250
Methyl cyclohexane	58000		ug/kg	1700	66.	250

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-06 D

Date Collected: 06/29/16 08:55

Client ID: P3-9 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	210000	J	ug/kg			250
Pentane, 2-methyl-	17000	NJ	ug/kg			250
Cyclopentane, Methyl-	19000	NJ	ug/kg			250
Unknown Alkane	24000	J	ug/kg			250
Heptane, 2-methyl-	16000	NJ	ug/kg			250
Unknown Cyclohexane	18000	J	ug/kg			250
Unknown	27000	J	ug/kg			250
Unknown Benzene	22000	J	ug/kg			250
Unknown Benzene	18000	J	ug/kg			250
Unknown Benzene	22000	J	ug/kg			250
Unknown Aromatic	27000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	70		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	80		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-07 D
 Client ID: P3-9 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/13/16 12:05
 Analyst: MV
 Percent Solids: 57%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	780	87.	50
1,1-Dichloroethane	ND		ug/kg	120	6.7	50
Chloroform	ND		ug/kg	120	29.	50
Carbon tetrachloride	ND		ug/kg	78	16.	50
1,2-Dichloropropane	ND		ug/kg	280	18.	50
Dibromochloromethane	ND		ug/kg	78	12.	50
1,1,2-Trichloroethane	ND		ug/kg	120	24.	50
Tetrachloroethene	ND		ug/kg	78	11.	50
Chlorobenzene	ND		ug/kg	78	27.	50
Trichlorofluoromethane	ND		ug/kg	390	30.	50
1,2-Dichloroethane	ND		ug/kg	78	8.9	50
1,1,1-Trichloroethane	ND		ug/kg	78	8.7	50
Bromodichloromethane	ND		ug/kg	78	14.	50
trans-1,3-Dichloropropene	ND		ug/kg	78	9.5	50
cis-1,3-Dichloropropene	ND		ug/kg	78	9.2	50
Bromoform	ND		ug/kg	310	18.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	78	7.9	50
Benzene	ND		ug/kg	78	9.3	50
Toluene	16	J	ug/kg	120	15.	50
Ethylbenzene	62	J	ug/kg	78	10.	50
Chloromethane	ND		ug/kg	390	23.	50
Bromomethane	ND		ug/kg	160	26.	50
Vinyl chloride	ND		ug/kg	160	9.2	50
Chloroethane	ND		ug/kg	160	25.	50
1,1-Dichloroethene	ND		ug/kg	78	20.	50
trans-1,2-Dichloroethene	ND		ug/kg	120	17.	50
Trichloroethene	ND		ug/kg	78	9.8	50
1,2-Dichlorobenzene	ND		ug/kg	390	12.	50
1,3-Dichlorobenzene	ND		ug/kg	390	11.	50
1,4-Dichlorobenzene	ND		ug/kg	390	11.	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-07 D

Date Collected: 06/29/16 08:55

Client ID: P3-9 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	160	6.6	50
p/m-Xylene	56	J	ug/kg	160	16.	50
o-Xylene	ND		ug/kg	160	14.	50
cis-1,2-Dichloroethene	ND		ug/kg	78	11.	50
Styrene	ND		ug/kg	160	32.	50
Dichlorodifluoromethane	ND		ug/kg	780	15.	50
Acetone	ND		ug/kg	780	81.	50
Carbon disulfide	ND		ug/kg	780	87.	50
2-Butanone	ND		ug/kg	780	21.	50
4-Methyl-2-pentanone	ND		ug/kg	780	19.	50
2-Hexanone	ND		ug/kg	780	52.	50
Bromochloromethane	ND		ug/kg	390	22.	50
1,2-Dibromoethane	ND		ug/kg	310	14.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	390	31.	50
Isopropylbenzene	58	J	ug/kg	78	8.2	50
1,2,3-Trichlorobenzene	ND		ug/kg	390	12.	50
1,2,4-Trichlorobenzene	ND		ug/kg	390	14.	50
Methyl Acetate	2600		ug/kg	1600	21.	50
Cyclohexane	260	J	ug/kg	1600	11.	50
1,4-Dioxane	ND		ug/kg	7800	1100	50
Freon-113	ND		ug/kg	1600	22.	50
Methyl cyclohexane	800		ug/kg	310	12.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-07 D
 Client ID: P3-9 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	6900	J	ug/kg			50
Unknown	480	J	ug/kg			50
Unknown	840	J	ug/kg			50
Unknown	1100	J	ug/kg			50
Unknown	450	J	ug/kg			50
Unknown Cyclohexane	640	J	ug/kg			50
Unknown	590	J	ug/kg			50
Unknown Benzene	650	J	ug/kg			50
Unknown	560	J	ug/kg			50
Unknown Benzene	1100	J	ug/kg			50
Unknown Aromatic	460	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	95		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-08
 Client ID: P3-9 (12-16)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 06:56
 Analyst: PK
 Percent Solids: 58%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.60	1
Carbon tetrachloride	ND		ug/kg	1.6	0.34	1
1,2-Dichloropropane	ND		ug/kg	5.7	0.37	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.49	1
Tetrachloroethene	ND		ug/kg	1.6	0.23	1
Chlorobenzene	ND		ug/kg	1.6	0.57	1
Trichlorofluoromethane	ND		ug/kg	8.1	0.63	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
Bromoform	ND		ug/kg	6.5	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	0.24	J	ug/kg	1.6	0.19	1
Toluene	0.32	J	ug/kg	2.4	0.32	1
Ethylbenzene	1.6		ug/kg	1.6	0.21	1
Chloromethane	ND		ug/kg	8.1	0.48	1
Bromomethane	ND		ug/kg	3.2	0.55	1
Vinyl chloride	ND		ug/kg	3.2	0.19	1
Chloroethane	ND		ug/kg	3.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	8.1	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	8.1	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.1	0.22	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-08
Client ID: P3-9 (12-16)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.2	0.14	1
p/m-Xylene	2.0	J	ug/kg	3.2	0.32	1
o-Xylene	ND		ug/kg	3.2	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Styrene	ND		ug/kg	3.2	0.65	1
Dichlorodifluoromethane	ND		ug/kg	16	0.31	1
Acetone	31		ug/kg	16	1.7	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.44	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.40	1
2-Hexanone	ND		ug/kg	16	1.1	1
Bromochloromethane	ND		ug/kg	8.1	0.45	1
1,2-Dibromoethane	ND		ug/kg	6.5	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.1	0.64	1
Isopropylbenzene	1.7		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.1	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.1	0.30	1
Methyl Acetate	ND		ug/kg	32	0.44	1
Cyclohexane	12	J	ug/kg	32	0.24	1
1,4-Dioxane	ND		ug/kg	160	23.	1
Freon-113	ND		ug/kg	32	0.44	1
Methyl cyclohexane	28		ug/kg	6.5	0.25	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-08
Client ID: P3-9 (12-16)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 08:55
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	280	J	ug/kg			1
Butane, 2,3-Dimethyl-	77	NJ	ug/kg			1
Pentane, 3-methyl-	18	NJ	ug/kg			1
Unknown	19	J	ug/kg			1
Hexane, 3-methyl-	16	NJ	ug/kg			1
Unknown Alkane	52	J	ug/kg			1
Unknown	21	J	ug/kg			1
Unknown Cyclohexane	29	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown Benzene	21	J	ug/kg			1
Unknown Benzene	15	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	70		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	84		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-09 D
 Client ID: P3-8 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 16:57
 Analyst: MV
 Percent Solids: 61%

Date Collected: 06/29/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3200	350	200
1,1-Dichloroethane	ND		ug/kg	480	27.	200
Chloroform	ND		ug/kg	480	120	200
Carbon tetrachloride	ND		ug/kg	320	67.	200
1,2-Dichloropropane	ND		ug/kg	1100	73.	200
Dibromochloromethane	ND		ug/kg	320	49.	200
1,1,2-Trichloroethane	ND		ug/kg	480	97.	200
Tetrachloroethene	ND		ug/kg	320	45.	200
Chlorobenzene	ND		ug/kg	320	110	200
Trichlorofluoromethane	ND		ug/kg	1600	120	200
1,2-Dichloroethane	ND		ug/kg	320	36.	200
1,1,1-Trichloroethane	ND		ug/kg	320	35.	200
Bromodichloromethane	ND		ug/kg	320	55.	200
trans-1,3-Dichloropropene	ND		ug/kg	320	39.	200
cis-1,3-Dichloropropene	ND		ug/kg	320	38.	200
Bromoform	ND		ug/kg	1300	76.	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	320	32.	200
Benzene	ND		ug/kg	320	38.	200
Toluene	ND		ug/kg	480	62.	200
Ethylbenzene	ND		ug/kg	320	41.	200
Chloromethane	ND		ug/kg	1600	94.	200
Bromomethane	ND		ug/kg	640	110	200
Vinyl chloride	ND		ug/kg	640	38.	200
Chloroethane	ND		ug/kg	640	100	200
1,1-Dichloroethene	ND		ug/kg	320	84.	200
trans-1,2-Dichloroethene	ND		ug/kg	480	68.	200
Trichloroethene	ND		ug/kg	320	40.	200
1,2-Dichlorobenzene	ND		ug/kg	1600	49.	200
1,3-Dichlorobenzene	ND		ug/kg	1600	43.	200
1,4-Dichlorobenzene	ND		ug/kg	1600	44.	200

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-09 D

Date Collected: 06/29/16 09:05

Client ID: P3-8 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	640	27.	200
p/m-Xylene	84	J	ug/kg	640	63.	200
o-Xylene	ND		ug/kg	640	55.	200
cis-1,2-Dichloroethene	ND		ug/kg	320	46.	200
Styrene	ND		ug/kg	640	130	200
Dichlorodifluoromethane	ND		ug/kg	3200	61.	200
Acetone	ND		ug/kg	3200	330	200
Carbon disulfide	ND		ug/kg	3200	350	200
2-Butanone	ND		ug/kg	3200	87.	200
4-Methyl-2-pentanone	ND		ug/kg	3200	78.	200
2-Hexanone	ND		ug/kg	3200	210	200
Bromochloromethane	ND		ug/kg	1600	88.	200
1,2-Dibromoethane	ND		ug/kg	1300	56.	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	1600	130	200
Isopropylbenzene	360		ug/kg	320	33.	200
1,2,3-Trichlorobenzene	ND		ug/kg	1600	47.	200
1,2,4-Trichlorobenzene	ND		ug/kg	1600	58.	200
Methyl Acetate	ND		ug/kg	6400	86.	200
Cyclohexane	ND		ug/kg	6400	47.	200
1,4-Dioxane	ND		ug/kg	32000	4600	200
Freon-113	ND		ug/kg	6400	88.	200
Methyl cyclohexane	5700		ug/kg	1300	50.	200

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-09 D
 Client ID: P3-8 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	150000	J	ug/kg			200
Unknown	43000	J	ug/kg			200
Unknown	14000	J	ug/kg			200
Pentane, 2,3,4-trimethyl-	20000	NJ	ug/kg			200
Unknown Alkane	20000	J	ug/kg			200
Unknown	17000	J	ug/kg			200
Unknown Cyclohexane	7000	J	ug/kg			200
Unknown	7600	J	ug/kg			200
Unknown	6600	J	ug/kg			200
Unknown	8200	J	ug/kg			200
Unknown	6400	J	ug/kg			200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-10 D
 Client ID: P3-7 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 17:23
 Analyst: MV
 Percent Solids: 62%

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1500	170	100
1,1-Dichloroethane	ND		ug/kg	230	13.	100
Chloroform	ND		ug/kg	230	57.	100
Carbon tetrachloride	ND		ug/kg	150	32.	100
1,2-Dichloropropane	ND		ug/kg	540	35.	100
Dibromochloromethane	ND		ug/kg	150	24.	100
1,1,2-Trichloroethane	ND		ug/kg	230	47.	100
Tetrachloroethene	ND		ug/kg	150	22.	100
Chlorobenzene	ND		ug/kg	150	54.	100
Trichlorofluoromethane	ND		ug/kg	770	60.	100
1,2-Dichloroethane	ND		ug/kg	150	18.	100
1,1,1-Trichloroethane	ND		ug/kg	150	17.	100
Bromodichloromethane	ND		ug/kg	150	27.	100
trans-1,3-Dichloropropene	ND		ug/kg	150	19.	100
cis-1,3-Dichloropropene	ND		ug/kg	150	18.	100
Bromoform	ND		ug/kg	620	36.	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	16.	100
Benzene	ND		ug/kg	150	18.	100
Toluene	32	J	ug/kg	230	30.	100
Ethylbenzene	690		ug/kg	150	20.	100
Chloromethane	ND		ug/kg	770	45.	100
Bromomethane	ND		ug/kg	310	52.	100
Vinyl chloride	ND		ug/kg	310	18.	100
Chloroethane	ND		ug/kg	310	49.	100
1,1-Dichloroethene	ND		ug/kg	150	40.	100
trans-1,2-Dichloroethene	ND		ug/kg	230	33.	100
Trichloroethene	ND		ug/kg	150	19.	100
1,2-Dichlorobenzene	ND		ug/kg	770	24.	100
1,3-Dichlorobenzene	ND		ug/kg	770	21.	100
1,4-Dichlorobenzene	ND		ug/kg	770	21.	100

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-10 D
Client ID: P3-7 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:15
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	310	13.	100
p/m-Xylene	1400		ug/kg	310	30.	100
o-Xylene	190	J	ug/kg	310	26.	100
cis-1,2-Dichloroethene	ND		ug/kg	150	22.	100
Styrene	ND		ug/kg	310	62.	100
Dichlorodifluoromethane	ND		ug/kg	1500	29.	100
Acetone	ND		ug/kg	1500	160	100
Carbon disulfide	ND		ug/kg	1500	170	100
2-Butanone	ND		ug/kg	1500	42.	100
4-Methyl-2-pentanone	ND		ug/kg	1500	38.	100
2-Hexanone	ND		ug/kg	1500	100	100
Bromochloromethane	ND		ug/kg	770	42.	100
1,2-Dibromoethane	ND		ug/kg	620	27.	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	770	61.	100
Isopropylbenzene	550		ug/kg	150	16.	100
1,2,3-Trichlorobenzene	ND		ug/kg	770	23.	100
1,2,4-Trichlorobenzene	ND		ug/kg	770	28.	100
Methyl Acetate	ND		ug/kg	3100	42.	100
Cyclohexane	6200		ug/kg	3100	22.	100
1,4-Dioxane	ND		ug/kg	15000	2200	100
Freon-113	ND		ug/kg	3100	42.	100
Methyl cyclohexane	26000		ug/kg	620	24.	100

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-10 D
 Client ID: P3-7 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	270000	J	ug/kg			100
Unknown Alkane	22000	J	ug/kg			100
Unknown	18000	J	ug/kg			100
Unknown	19000	J	ug/kg			100
Unknown Benzene	22000	J	ug/kg			100
Unknown Benzene	32000	J	ug/kg			100
Unknown Aromatic	29000	J	ug/kg			100
Unknown Benzene	53000	J	ug/kg			100
Unknown	24000	J	ug/kg			100
Unknown Aromatic	21000	J	ug/kg			100
Unknown	25000	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	98		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-11 D
 Client ID: P3-7 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 17:48
 Analyst: MV
 Percent Solids: 45%

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	20000	2200	1000
1,1-Dichloroethane	ND		ug/kg	3000	170	1000
Chloroform	ND		ug/kg	3000	740	1000
Carbon tetrachloride	ND		ug/kg	2000	420	1000
1,2-Dichloropropane	ND		ug/kg	7000	460	1000
Dibromochloromethane	ND		ug/kg	2000	310	1000
1,1,2-Trichloroethane	ND		ug/kg	3000	610	1000
Tetrachloroethene	ND		ug/kg	2000	280	1000
Chlorobenzene	ND		ug/kg	2000	700	1000
Trichlorofluoromethane	ND		ug/kg	10000	780	1000
1,2-Dichloroethane	ND		ug/kg	2000	230	1000
1,1,1-Trichloroethane	ND		ug/kg	2000	220	1000
Bromodichloromethane	ND		ug/kg	2000	350	1000
trans-1,3-Dichloropropene	ND		ug/kg	2000	240	1000
cis-1,3-Dichloropropene	ND		ug/kg	2000	240	1000
Bromoform	ND		ug/kg	8000	470	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	2000	200	1000
Benzene	ND		ug/kg	2000	240	1000
Toluene	8200		ug/kg	3000	390	1000
Ethylbenzene	70000		ug/kg	2000	260	1000
Chloromethane	ND		ug/kg	10000	590	1000
Bromomethane	ND		ug/kg	4000	680	1000
Vinyl chloride	ND		ug/kg	4000	240	1000
Chloroethane	ND		ug/kg	4000	630	1000
1,1-Dichloroethene	ND		ug/kg	2000	520	1000
trans-1,2-Dichloroethene	ND		ug/kg	3000	420	1000
Trichloroethene	ND		ug/kg	2000	250	1000
1,2-Dichlorobenzene	ND		ug/kg	10000	310	1000
1,3-Dichlorobenzene	ND		ug/kg	10000	270	1000
1,4-Dichlorobenzene	ND		ug/kg	10000	280	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-11 D
Client ID: P3-7 (8-12)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:15
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	4000	170	1000
p/m-Xylene	270000		ug/kg	4000	400	1000
o-Xylene	18000		ug/kg	4000	340	1000
cis-1,2-Dichloroethene	ND		ug/kg	2000	280	1000
Styrene	ND		ug/kg	4000	800	1000
Dichlorodifluoromethane	ND		ug/kg	20000	380	1000
Acetone	ND		ug/kg	20000	2100	1000
Carbon disulfide	ND		ug/kg	20000	2200	1000
2-Butanone	ND		ug/kg	20000	540	1000
4-Methyl-2-pentanone	ND		ug/kg	20000	490	1000
2-Hexanone	ND		ug/kg	20000	1300	1000
Bromochloromethane	ND		ug/kg	10000	550	1000
1,2-Dibromoethane	ND		ug/kg	8000	350	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	10000	790	1000
Isopropylbenzene	6900		ug/kg	2000	210	1000
1,2,3-Trichlorobenzene	ND		ug/kg	10000	300	1000
1,2,4-Trichlorobenzene	ND		ug/kg	10000	360	1000
Methyl Acetate	ND		ug/kg	40000	540	1000
Cyclohexane	56000		ug/kg	40000	290	1000
1,4-Dioxane	ND		ug/kg	200000	29000	1000
Freon-113	ND		ug/kg	40000	550	1000
Methyl cyclohexane	130000		ug/kg	8000	310	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-11 D
 Client ID: P3-7 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Total TIC Compounds	520000	J	ug/kg			1000
Unknown	55000	J	ug/kg			1000
Unknown Cycloalkane	56000	J	ug/kg			1000
Unknown	42000	J	ug/kg			1000
Unknown	40000	J	ug/kg			1000
Unknown Benzene	66000	J	ug/kg			1000
Unknown Benzene	54000	J	ug/kg			1000
Unknown Benzene	47000	J	ug/kg			1000
Unknown Benzene	51000	J	ug/kg			1000
Unknown Aromatic	47000	J	ug/kg			1000
Benzene, 2-butenyl-	62000	NJ	ug/kg			1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-12 D
 Client ID: P3-6 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 18:13
 Analyst: MV
 Percent Solids: 63%

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7900	870	500
1,1-Dichloroethane	ND		ug/kg	1200	68.	500
Chloroform	ND		ug/kg	1200	290	500
Carbon tetrachloride	ND		ug/kg	790	170	500
1,2-Dichloropropane	ND		ug/kg	2800	180	500
Dibromochloromethane	ND		ug/kg	790	120	500
1,1,2-Trichloroethane	ND		ug/kg	1200	240	500
Tetrachloroethene	ND		ug/kg	790	110	500
Chlorobenzene	ND		ug/kg	790	280	500
Trichlorofluoromethane	ND		ug/kg	4000	310	500
1,2-Dichloroethane	ND		ug/kg	790	90.	500
1,1,1-Trichloroethane	ND		ug/kg	790	88.	500
Bromodichloromethane	ND		ug/kg	790	140	500
trans-1,3-Dichloropropene	ND		ug/kg	790	96.	500
cis-1,3-Dichloropropene	ND		ug/kg	790	93.	500
Bromoform	ND		ug/kg	3200	190	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	790	80.	500
Benzene	ND		ug/kg	790	93.	500
Toluene	410	J	ug/kg	1200	150	500
Ethylbenzene	19000		ug/kg	790	100	500
Chloromethane	ND		ug/kg	4000	230	500
Bromomethane	ND		ug/kg	1600	270	500
Vinyl chloride	ND		ug/kg	1600	93.	500
Chloroethane	ND		ug/kg	1600	250	500
1,1-Dichloroethene	ND		ug/kg	790	210	500
trans-1,2-Dichloroethene	ND		ug/kg	1200	170	500
Trichloroethene	ND		ug/kg	790	99.	500
1,2-Dichlorobenzene	ND		ug/kg	4000	120	500
1,3-Dichlorobenzene	ND		ug/kg	4000	110	500
1,4-Dichlorobenzene	ND		ug/kg	4000	110	500

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-12 D

Date Collected: 06/29/16 09:20

Client ID: P3-6 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1600	67.	500
p/m-Xylene	30000		ug/kg	1600	160	500
o-Xylene	3200		ug/kg	1600	140	500
cis-1,2-Dichloroethene	ND		ug/kg	790	110	500
Styrene	ND		ug/kg	1600	320	500
Dichlorodifluoromethane	ND		ug/kg	7900	150	500
Acetone	ND		ug/kg	7900	820	500
Carbon disulfide	ND		ug/kg	7900	870	500
2-Butanone	ND		ug/kg	7900	220	500
4-Methyl-2-pentanone	ND		ug/kg	7900	190	500
2-Hexanone	ND		ug/kg	7900	530	500
Bromochloromethane	ND		ug/kg	4000	220	500
1,2-Dibromoethane	ND		ug/kg	3200	140	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	4000	310	500
Isopropylbenzene	3100		ug/kg	790	82.	500
1,2,3-Trichlorobenzene	ND		ug/kg	4000	120	500
1,2,4-Trichlorobenzene	ND		ug/kg	4000	140	500
Methyl Acetate	ND		ug/kg	16000	210	500
Cyclohexane	34000		ug/kg	16000	120	500
1,4-Dioxane	ND		ug/kg	79000	11000	500
Freon-113	ND		ug/kg	16000	220	500
Methyl cyclohexane	110000		ug/kg	3200	120	500

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-12 D

Date Collected: 06/29/16 09:20

Client ID: P3-6 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	650000	J	ug/kg			500
Unknown Alkane	66000	J	ug/kg			500
Unknown	54000	J	ug/kg			500
Unknown	50000	J	ug/kg			500
Unknown Benzene	51000	J	ug/kg			500
Unknown Benzene	58000	J	ug/kg			500
Unknown Aromatic	57000	J	ug/kg			500
Unknown Benzene	110000	J	ug/kg			500
Unknown Benzene	58000	J	ug/kg			500
Unknown Aromatic	78000	J	ug/kg			500
Unknown Aromatic	64000	J	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-13 D
 Client ID: P3-6 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 18:39
 Analyst: MV
 Percent Solids: 46%

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11000	1200	500
1,1-Dichloroethane	ND		ug/kg	1600	94.	500
Chloroform	ND		ug/kg	1600	400	500
Carbon tetrachloride	ND		ug/kg	1100	230	500
1,2-Dichloropropane	ND		ug/kg	3800	250	500
Dibromochloromethane	ND		ug/kg	1100	170	500
1,1,2-Trichloroethane	ND		ug/kg	1600	330	500
Tetrachloroethene	ND		ug/kg	1100	150	500
Chlorobenzene	ND		ug/kg	1100	380	500
Trichlorofluoromethane	ND		ug/kg	5500	420	500
1,2-Dichloroethane	ND		ug/kg	1100	120	500
1,1,1-Trichloroethane	ND		ug/kg	1100	120	500
Bromodichloromethane	ND		ug/kg	1100	190	500
trans-1,3-Dichloropropene	ND		ug/kg	1100	130	500
cis-1,3-Dichloropropene	ND		ug/kg	1100	130	500
Bromoform	ND		ug/kg	4400	260	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	1100	110	500
Benzene	ND		ug/kg	1100	130	500
Toluene	2200		ug/kg	1600	210	500
Ethylbenzene	41000		ug/kg	1100	140	500
Chloromethane	ND		ug/kg	5500	320	500
Bromomethane	ND		ug/kg	2200	370	500
Vinyl chloride	ND		ug/kg	2200	130	500
Chloroethane	ND		ug/kg	2200	350	500
1,1-Dichloroethene	ND		ug/kg	1100	290	500
trans-1,2-Dichloroethene	ND		ug/kg	1600	230	500
Trichloroethene	ND		ug/kg	1100	140	500
1,2-Dichlorobenzene	ND		ug/kg	5500	170	500
1,3-Dichlorobenzene	ND		ug/kg	5500	150	500
1,4-Dichlorobenzene	ND		ug/kg	5500	150	500

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-13 D

Date Collected: 06/29/16 09:20

Client ID: P3-6 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2200	92.	500
p/m-Xylene	120000		ug/kg	2200	220	500
o-Xylene	8900		ug/kg	2200	190	500
cis-1,2-Dichloroethene	ND		ug/kg	1100	160	500
Styrene	ND		ug/kg	2200	440	500
Dichlorodifluoromethane	ND		ug/kg	11000	210	500
Acetone	ND		ug/kg	11000	1100	500
Carbon disulfide	ND		ug/kg	11000	1200	500
2-Butanone	ND		ug/kg	11000	300	500
4-Methyl-2-pentanone	ND		ug/kg	11000	270	500
2-Hexanone	ND		ug/kg	11000	730	500
Bromochloromethane	ND		ug/kg	5500	300	500
1,2-Dibromoethane	ND		ug/kg	4400	190	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	5500	430	500
Isopropylbenzene	4800		ug/kg	1100	110	500
1,2,3-Trichlorobenzene	ND		ug/kg	5500	160	500
1,2,4-Trichlorobenzene	ND		ug/kg	5500	200	500
Methyl Acetate	ND		ug/kg	22000	300	500
Cyclohexane	40000		ug/kg	22000	160	500
1,4-Dioxane	ND		ug/kg	110000	16000	500
Freon-113	ND		ug/kg	22000	300	500
Methyl cyclohexane	99000		ug/kg	4400	170	500

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-13 D
 Client ID: P3-6 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	410000	J	ug/kg			500
Pentane, 2-methyl-	39000	NJ	ug/kg			500
Unknown Cycloalkane	40000	J	ug/kg			500
Unknown Alkane	34000	J	ug/kg			500
Unknown Cyclohexane	32000	J	ug/kg			500
Unknown Benzene	48000	J	ug/kg			500
Unknown Benzene	42000	J	ug/kg			500
Unknown Benzene	42000	J	ug/kg			500
Unknown Benzene	42000	J	ug/kg			500
Unknown Benzene	39000	J	ug/kg			500
Unknown Aromatic	50000	J	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	99		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-14 D
 Client ID: P3-5 (6-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 19:04
 Analyst: MV
 Percent Solids: 56%

Date Collected: 06/29/16 09:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3900	430	250
1,1-Dichloroethane	ND		ug/kg	580	33.	250
Chloroform	ND		ug/kg	580	140	250
Carbon tetrachloride	ND		ug/kg	390	81.	250
1,2-Dichloropropane	ND		ug/kg	1400	88.	250
Dibromochloromethane	ND		ug/kg	390	59.	250
1,1,2-Trichloroethane	ND		ug/kg	580	120	250
Tetrachloroethene	ND		ug/kg	390	54.	250
Chlorobenzene	ND		ug/kg	390	130	250
Trichlorofluoromethane	ND		ug/kg	1900	150	250
1,2-Dichloroethane	ND		ug/kg	390	44.	250
1,1,1-Trichloroethane	ND		ug/kg	390	43.	250
Bromodichloromethane	ND		ug/kg	390	67.	250
trans-1,3-Dichloropropene	ND		ug/kg	390	47.	250
cis-1,3-Dichloropropene	ND		ug/kg	390	45.	250
Bromoform	ND		ug/kg	1500	91.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	390	39.	250
Benzene	1600		ug/kg	390	46.	250
Toluene	8800		ug/kg	580	75.	250
Ethylbenzene	9700		ug/kg	390	49.	250
Chloromethane	ND		ug/kg	1900	110	250
Bromomethane	ND		ug/kg	770	130	250
Vinyl chloride	ND		ug/kg	770	45.	250
Chloroethane	ND		ug/kg	770	120	250
1,1-Dichloroethene	ND		ug/kg	390	100	250
trans-1,2-Dichloroethene	ND		ug/kg	580	82.	250
Trichloroethene	ND		ug/kg	390	48.	250
1,2-Dichlorobenzene	ND		ug/kg	1900	59.	250
1,3-Dichlorobenzene	ND		ug/kg	1900	52.	250
1,4-Dichlorobenzene	ND		ug/kg	1900	53.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-14 D
Client ID: P3-5 (6-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:35
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	770	32.	250
p/m-Xylene	67000		ug/kg	770	76.	250
o-Xylene	26000		ug/kg	770	66.	250
cis-1,2-Dichloroethene	ND		ug/kg	390	55.	250
Styrene	ND		ug/kg	770	160	250
Dichlorodifluoromethane	ND		ug/kg	3900	74.	250
Acetone	ND		ug/kg	3900	400	250
Carbon disulfide	ND		ug/kg	3900	420	250
2-Butanone	ND		ug/kg	3900	100	250
4-Methyl-2-pentanone	ND		ug/kg	3900	94.	250
2-Hexanone	ND		ug/kg	3900	260	250
Bromochloromethane	ND		ug/kg	1900	110	250
1,2-Dibromoethane	ND		ug/kg	1500	67.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	1900	150	250
Isopropylbenzene	1400		ug/kg	390	40.	250
1,2,3-Trichlorobenzene	ND		ug/kg	1900	57.	250
1,2,4-Trichlorobenzene	ND		ug/kg	1900	70.	250
Methyl Acetate	ND		ug/kg	7700	100	250
Cyclohexane	10000		ug/kg	7700	56.	250
1,4-Dioxane	ND		ug/kg	39000	5600	250
Freon-113	ND		ug/kg	7700	100	250
Methyl cyclohexane	31000		ug/kg	1500	60.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-14 D
 Client ID: P3-5 (6-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 09:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	170000	J	ug/kg			250
Unknown	12000	J	ug/kg			250
Unknown	14000	J	ug/kg			250
Unknown Benzene	16000	J	ug/kg			250
Unknown Benzene	22000	J	ug/kg			250
Unknown	18000	J	ug/kg			250
Unknown Benzene	17000	J	ug/kg			250
Unknown Benzene	15000	J	ug/kg			250
Unknown Benzene	18000	J	ug/kg			250
Unknown Benzene	16000	J	ug/kg			250
Unknown Benzene	22000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-15 D
 Client ID: P3-4 (6-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 19:30
 Analyst: MV
 Percent Solids: 49%

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4000	450	200
1,1-Dichloroethane	ND		ug/kg	610	35.	200
Chloroform	ND		ug/kg	610	150	200
Carbon tetrachloride	ND		ug/kg	400	85.	200
1,2-Dichloropropane	ND		ug/kg	1400	92.	200
Dibromochloromethane	ND		ug/kg	400	62.	200
1,1,2-Trichloroethane	ND		ug/kg	610	120	200
Tetrachloroethene	ND		ug/kg	400	57.	200
Chlorobenzene	ND		ug/kg	400	140	200
Trichlorofluoromethane	ND		ug/kg	2000	160	200
1,2-Dichloroethane	ND		ug/kg	400	46.	200
1,1,1-Trichloroethane	ND		ug/kg	400	45.	200
Bromodichloromethane	ND		ug/kg	400	70.	200
trans-1,3-Dichloropropene	ND		ug/kg	400	49.	200
cis-1,3-Dichloropropene	ND		ug/kg	400	48.	200
Bromoform	ND		ug/kg	1600	96.	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	400	41.	200
Benzene	ND		ug/kg	400	48.	200
Toluene	ND		ug/kg	610	79.	200
Ethylbenzene	3100		ug/kg	400	52.	200
Chloromethane	ND		ug/kg	2000	120	200
Bromomethane	ND		ug/kg	810	140	200
Vinyl chloride	ND		ug/kg	810	48.	200
Chloroethane	ND		ug/kg	810	130	200
1,1-Dichloroethene	ND		ug/kg	400	110	200
trans-1,2-Dichloroethene	ND		ug/kg	610	86.	200
Trichloroethene	ND		ug/kg	400	51.	200
1,2-Dichlorobenzene	ND		ug/kg	2000	62.	200
1,3-Dichlorobenzene	ND		ug/kg	2000	55.	200
1,4-Dichlorobenzene	ND		ug/kg	2000	56.	200

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-15 D
Client ID: P3-4 (6-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 10:45
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	810	34.	200
p/m-Xylene	8000		ug/kg	810	80.	200
o-Xylene	180	J	ug/kg	810	70.	200
cis-1,2-Dichloroethene	ND		ug/kg	400	58.	200
Styrene	ND		ug/kg	810	160	200
Dichlorodifluoromethane	ND		ug/kg	4000	77.	200
Acetone	ND		ug/kg	4000	420	200
Carbon disulfide	ND		ug/kg	4000	450	200
2-Butanone	ND		ug/kg	4000	110	200
4-Methyl-2-pentanone	ND		ug/kg	4000	99.	200
2-Hexanone	ND		ug/kg	4000	270	200
Bromochloromethane	ND		ug/kg	2000	110	200
1,2-Dibromoethane	ND		ug/kg	1600	71.	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	2000	160	200
Isopropylbenzene	1400		ug/kg	400	42.	200
1,2,3-Trichlorobenzene	ND		ug/kg	2000	60.	200
1,2,4-Trichlorobenzene	ND		ug/kg	2000	74.	200
Methyl Acetate	ND		ug/kg	8100	110	200
Cyclohexane	7600	J	ug/kg	8100	59.	200
1,4-Dioxane	ND		ug/kg	40000	5800	200
Freon-113	ND		ug/kg	8100	110	200
Methyl cyclohexane	34000		ug/kg	1600	62.	200

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-15 D
 Client ID: P3-4 (6-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	290000	J	ug/kg			200
Unknown Cyclohexane	20000	J	ug/kg			200
Unknown Benzene	24000	J	ug/kg			200
Unknown Benzene	33000	J	ug/kg			200
Unknown Benzene	31000	J	ug/kg			200
3-Phenylbut-1-ene	27000	NJ	ug/kg			200
Unknown Benzene	39000	J	ug/kg			200
Unknown Benzene	28000	J	ug/kg			200
Indan, 1-methyl-	49000	NJ	ug/kg			200
Unknown Aromatic	22000	J	ug/kg			200
Benzene, (2-methyl-1-butenyl)-	20000	NJ	ug/kg			200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-16 D
 Client ID: P3-4 (10-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 19:56
 Analyst: MV
 Percent Solids: 43%

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5800	640	250
1,1-Dichloroethane	ND		ug/kg	870	50.	250
Chloroform	ND		ug/kg	870	210	250
Carbon tetrachloride	ND		ug/kg	580	120	250
1,2-Dichloropropane	ND		ug/kg	2000	130	250
Dibromochloromethane	ND		ug/kg	580	89.	250
1,1,2-Trichloroethane	ND		ug/kg	870	180	250
Tetrachloroethene	ND		ug/kg	580	81.	250
Chlorobenzene	ND		ug/kg	580	200	250
Trichlorofluoromethane	ND		ug/kg	2900	220	250
1,2-Dichloroethane	ND		ug/kg	580	66.	250
1,1,1-Trichloroethane	ND		ug/kg	580	64.	250
Bromodichloromethane	ND		ug/kg	580	100	250
trans-1,3-Dichloropropene	ND		ug/kg	580	70.	250
cis-1,3-Dichloropropene	ND		ug/kg	580	68.	250
Bromoform	ND		ug/kg	2300	140	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	580	58.	250
Benzene	150	J	ug/kg	580	68.	250
Toluene	ND		ug/kg	870	110	250
Ethylbenzene	4600		ug/kg	580	74.	250
Chloromethane	ND		ug/kg	2900	170	250
Bromomethane	ND		ug/kg	1200	200	250
Vinyl chloride	ND		ug/kg	1200	68.	250
Chloroethane	ND		ug/kg	1200	180	250
1,1-Dichloroethene	ND		ug/kg	580	150	250
trans-1,2-Dichloroethene	ND		ug/kg	870	120	250
Trichloroethene	ND		ug/kg	580	72.	250
1,2-Dichlorobenzene	ND		ug/kg	2900	89.	250
1,3-Dichlorobenzene	ND		ug/kg	2900	78.	250
1,4-Dichlorobenzene	ND		ug/kg	2900	80.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-16 D
 Client ID: P3-4 (10-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1200	49.	250
p/m-Xylene	15000		ug/kg	1200	110	250
o-Xylene	610	J	ug/kg	1200	99.	250
cis-1,2-Dichloroethene	ND		ug/kg	580	83.	250
Styrene	ND		ug/kg	1200	230	250
Dichlorodifluoromethane	ND		ug/kg	5800	110	250
Acetone	ND		ug/kg	5800	600	250
Carbon disulfide	ND		ug/kg	5800	640	250
2-Butanone	ND		ug/kg	5800	160	250
4-Methyl-2-pentanone	ND		ug/kg	5800	140	250
2-Hexanone	ND		ug/kg	5800	380	250
Bromochloromethane	ND		ug/kg	2900	160	250
1,2-Dibromoethane	ND		ug/kg	2300	100	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	2900	230	250
Isopropylbenzene	1600		ug/kg	580	60.	250
1,2,3-Trichlorobenzene	ND		ug/kg	2900	85.	250
1,2,4-Trichlorobenzene	ND		ug/kg	2900	100	250
Methyl Acetate	ND		ug/kg	12000	160	250
Cyclohexane	8300	J	ug/kg	12000	84.	250
1,4-Dioxane	ND		ug/kg	58000	8300	250
Freon-113	ND		ug/kg	12000	160	250
Methyl cyclohexane	31000		ug/kg	2300	89.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-16 D
 Client ID: P3-4 (10-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	120000	J	ug/kg			250
Unknown Cyclohexane	11000	J	ug/kg			250
Unknown Benzene	14000	J	ug/kg			250
Unknown	9900	J	ug/kg			250
Unknown Benzene	16000	J	ug/kg			250
Unknown Benzene	14000	J	ug/kg			250
Unknown Aromatic	11000	J	ug/kg			250
Unknown	12000	J	ug/kg			250
Unknown Benzene	10000	J	ug/kg			250
Unknown Aromatic	13000	J	ug/kg			250
Benzene, (2-methyl-1-butenyl)-	8400	NJ	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-17 D
 Client ID: P3-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 20:21
 Analyst: MV
 Percent Solids: 53%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16000	1800	1000
1,1-Dichloroethane	ND		ug/kg	2400	140	1000
Chloroform	ND		ug/kg	2400	600	1000
Carbon tetrachloride	ND		ug/kg	1600	340	1000
1,2-Dichloropropane	ND		ug/kg	5600	370	1000
Dibromochloromethane	ND		ug/kg	1600	250	1000
1,1,2-Trichloroethane	ND		ug/kg	2400	490	1000
Tetrachloroethene	ND		ug/kg	1600	230	1000
Chlorobenzene	ND		ug/kg	1600	560	1000
Trichlorofluoromethane	ND		ug/kg	8100	630	1000
1,2-Dichloroethane	ND		ug/kg	1600	180	1000
1,1,1-Trichloroethane	ND		ug/kg	1600	180	1000
Bromodichloromethane	ND		ug/kg	1600	280	1000
trans-1,3-Dichloropropene	ND		ug/kg	1600	200	1000
cis-1,3-Dichloropropene	ND		ug/kg	1600	190	1000
Bromoform	ND		ug/kg	6400	380	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	1600	160	1000
Benzene	ND		ug/kg	1600	190	1000
Toluene	5100		ug/kg	2400	310	1000
Ethylbenzene	16000		ug/kg	1600	200	1000
Chloromethane	ND		ug/kg	8100	470	1000
Bromomethane	ND		ug/kg	3200	540	1000
Vinyl chloride	ND		ug/kg	3200	190	1000
Chloroethane	ND		ug/kg	3200	510	1000
1,1-Dichloroethene	ND		ug/kg	1600	420	1000
trans-1,2-Dichloroethene	ND		ug/kg	2400	340	1000
Trichloroethene	ND		ug/kg	1600	200	1000
1,2-Dichlorobenzene	ND		ug/kg	8100	250	1000
1,3-Dichlorobenzene	ND		ug/kg	8100	220	1000
1,4-Dichlorobenzene	ND		ug/kg	8100	220	1000

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-17 D

Date Collected: 06/29/16 11:30

Client ID: P3-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3200	140	1000
p/m-Xylene	88000		ug/kg	3200	320	1000
o-Xylene	30000		ug/kg	3200	280	1000
cis-1,2-Dichloroethene	ND		ug/kg	1600	230	1000
Styrene	ND		ug/kg	3200	650	1000
Dichlorodifluoromethane	ND		ug/kg	16000	310	1000
Acetone	ND		ug/kg	16000	1700	1000
Carbon disulfide	ND		ug/kg	16000	1800	1000
2-Butanone	ND		ug/kg	16000	440	1000
4-Methyl-2-pentanone	ND		ug/kg	16000	390	1000
2-Hexanone	ND		ug/kg	16000	1100	1000
Bromochloromethane	ND		ug/kg	8100	440	1000
1,2-Dibromoethane	ND		ug/kg	6400	280	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	8100	640	1000
Isopropylbenzene	3700		ug/kg	1600	170	1000
1,2,3-Trichlorobenzene	ND		ug/kg	8100	240	1000
1,2,4-Trichlorobenzene	ND		ug/kg	8100	290	1000
Methyl Acetate	ND		ug/kg	32000	440	1000
Cyclohexane	28000	J	ug/kg	32000	240	1000
1,4-Dioxane	ND		ug/kg	160000	23000	1000
Freon-113	ND		ug/kg	32000	440	1000
Methyl cyclohexane	83000		ug/kg	6400	250	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-17 D
 Client ID: P3-3 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	280000	J	ug/kg			1000
Unknown Alkane	23000	J	ug/kg			1000
1-Hexene, 4-methyl-	20000	NJ	ug/kg			1000
Unknown Cyclohexane	28000	J	ug/kg			1000
Octane	23000	NJ	ug/kg			1000
Unknown Benzene	30000	J	ug/kg			1000
Unknown Benzene	41000	J	ug/kg			1000
Unknown Benzene	30000	J	ug/kg			1000
Unknown Benzene	25000	J	ug/kg			1000
Unknown Benzene	27000	J	ug/kg			1000
1-Phenyl-1-butene	32000	NJ	ug/kg			1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-18 D
 Client ID: P3-3 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 20:47
 Analyst: MV
 Percent Solids: 49%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	8800	980	500
1,1-Dichloroethane	ND		ug/kg	1300	76.	500
Chloroform	ND		ug/kg	1300	330	500
Carbon tetrachloride	ND		ug/kg	880	180	500
1,2-Dichloropropane	ND		ug/kg	3100	200	500
Dibromochloromethane	ND		ug/kg	880	140	500
1,1,2-Trichloroethane	ND		ug/kg	1300	270	500
Tetrachloroethene	ND		ug/kg	880	120	500
Chlorobenzene	ND		ug/kg	880	310	500
Trichlorofluoromethane	ND		ug/kg	4400	340	500
1,2-Dichloroethane	ND		ug/kg	880	100	500
1,1,1-Trichloroethane	ND		ug/kg	880	98.	500
Bromodichloromethane	ND		ug/kg	880	150	500
trans-1,3-Dichloropropene	ND		ug/kg	880	110	500
cis-1,3-Dichloropropene	ND		ug/kg	880	100	500
Bromoform	ND		ug/kg	3500	210	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	880	89.	500
Benzene	460	J	ug/kg	880	100	500
Toluene	6700		ug/kg	1300	170	500
Ethylbenzene	16000		ug/kg	880	110	500
Chloromethane	ND		ug/kg	4400	260	500
Bromomethane	ND		ug/kg	1800	300	500
Vinyl chloride	ND		ug/kg	1800	100	500
Chloroethane	ND		ug/kg	1800	280	500
1,1-Dichloroethene	ND		ug/kg	880	230	500
trans-1,2-Dichloroethene	ND		ug/kg	1300	190	500
Trichloroethene	ND		ug/kg	880	110	500
1,2-Dichlorobenzene	ND		ug/kg	4400	140	500
1,3-Dichlorobenzene	ND		ug/kg	4400	120	500
1,4-Dichlorobenzene	ND		ug/kg	4400	120	500

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-18 D

Date Collected: 06/29/16 11:30

Client ID: P3-3 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1800	74.	500
p/m-Xylene	48000		ug/kg	1800	170	500
o-Xylene	8200		ug/kg	1800	150	500
cis-1,2-Dichloroethene	ND		ug/kg	880	130	500
Styrene	ND		ug/kg	1800	360	500
Dichlorodifluoromethane	ND		ug/kg	8800	170	500
Acetone	ND		ug/kg	8800	920	500
Carbon disulfide	ND		ug/kg	8800	970	500
2-Butanone	ND		ug/kg	8800	240	500
4-Methyl-2-pentanone	ND		ug/kg	8800	220	500
2-Hexanone	ND		ug/kg	8800	590	500
Bromochloromethane	ND		ug/kg	4400	240	500
1,2-Dibromoethane	ND		ug/kg	3500	150	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	4400	350	500
Isopropylbenzene	2800		ug/kg	880	92.	500
1,2,3-Trichlorobenzene	ND		ug/kg	4400	130	500
1,2,4-Trichlorobenzene	ND		ug/kg	4400	160	500
Methyl Acetate	ND		ug/kg	18000	240	500
Cyclohexane	28000		ug/kg	18000	130	500
1,4-Dioxane	ND		ug/kg	88000	13000	500
Freon-113	ND		ug/kg	18000	240	500
Methyl cyclohexane	71000		ug/kg	3500	140	500

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-18 D
 Client ID: P3-3 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	220000	J	ug/kg			500
Pentane, 2-methyl-	22000	NJ	ug/kg			500
Unknown Cycloalkane	24000	J	ug/kg			500
Unknown	21000	J	ug/kg			500
Heptane	17000	NJ	ug/kg			500
Unknown Cyclohexane	26000	J	ug/kg			500
Octane	22000	NJ	ug/kg			500
Unknown Benzene	20000	J	ug/kg			500
Unknown Benzene	21000	J	ug/kg			500
Unknown Benzene	21000	J	ug/kg			500
1-Phenyl-1-butene	22000	NJ	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-19 D
 Client ID: P3-3 (12-14)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 21:12
 Analyst: MV
 Percent Solids: 72%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	700	77.	50
1,1-Dichloroethane	ND		ug/kg	100	6.0	50
Chloroform	ND		ug/kg	100	26.	50
Carbon tetrachloride	ND		ug/kg	70	15.	50
1,2-Dichloropropane	ND		ug/kg	240	16.	50
Dibromochloromethane	ND		ug/kg	70	11.	50
1,1,2-Trichloroethane	ND		ug/kg	100	21.	50
Tetrachloroethene	ND		ug/kg	70	9.8	50
Chlorobenzene	ND		ug/kg	70	24.	50
Trichlorofluoromethane	ND		ug/kg	350	27.	50
1,2-Dichloroethane	ND		ug/kg	70	7.9	50
1,1,1-Trichloroethane	ND		ug/kg	70	7.7	50
Bromodichloromethane	ND		ug/kg	70	12.	50
trans-1,3-Dichloropropene	ND		ug/kg	70	8.4	50
cis-1,3-Dichloropropene	ND		ug/kg	70	8.2	50
Bromoform	ND		ug/kg	280	16.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	70	7.0	50
Benzene	120		ug/kg	70	8.2	50
Toluene	110		ug/kg	100	14.	50
Ethylbenzene	500		ug/kg	70	8.9	50
Chloromethane	ND		ug/kg	350	20.	50
Bromomethane	ND		ug/kg	140	24.	50
Vinyl chloride	ND		ug/kg	140	8.2	50
Chloroethane	ND		ug/kg	140	22.	50
1,1-Dichloroethene	ND		ug/kg	70	18.	50
trans-1,2-Dichloroethene	ND		ug/kg	100	15.	50
Trichloroethene	ND		ug/kg	70	8.7	50
1,2-Dichlorobenzene	ND		ug/kg	350	11.	50
1,3-Dichlorobenzene	ND		ug/kg	350	9.4	50
1,4-Dichlorobenzene	ND		ug/kg	350	9.6	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-19 D

Date Collected: 06/29/16 11:30

Client ID: P3-3 (12-14)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	140	5.9	50
p/m-Xylene	1900		ug/kg	140	14.	50
o-Xylene	280		ug/kg	140	12.	50
cis-1,2-Dichloroethene	ND		ug/kg	70	10.	50
Styrene	ND		ug/kg	140	28.	50
Dichlorodifluoromethane	ND		ug/kg	700	13.	50
Acetone	ND		ug/kg	700	72.	50
Carbon disulfide	ND		ug/kg	700	77.	50
2-Butanone	ND		ug/kg	700	19.	50
4-Methyl-2-pentanone	ND		ug/kg	700	17.	50
2-Hexanone	ND		ug/kg	700	46.	50
Bromochloromethane	ND		ug/kg	350	19.	50
1,2-Dibromoethane	ND		ug/kg	280	12.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	350	28.	50
Isopropylbenzene	120		ug/kg	70	7.2	50
1,2,3-Trichlorobenzene	ND		ug/kg	350	10.	50
1,2,4-Trichlorobenzene	ND		ug/kg	350	13.	50
Methyl Acetate	1400		ug/kg	1400	19.	50
Cyclohexane	1800		ug/kg	1400	10.	50
1,4-Dioxane	ND		ug/kg	7000	1000	50
Freon-113	ND		ug/kg	1400	19.	50
Methyl cyclohexane	5200		ug/kg	280	11.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-19 D
 Client ID: P3-3 (12-14)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	23000	J	ug/kg			50
Pentane, 2-methyl-	2600	NJ	ug/kg			50
Unknown Cycloalkane	1800	J	ug/kg			50
Unknown Alkane	3700	J	ug/kg			50
Heptane	1700	NJ	ug/kg			50
Heptane, 2-methyl-	1800	NJ	ug/kg			50
Unknown	1300	J	ug/kg			50
Unknown Cyclohexane	2400	J	ug/kg			50
Octane	2100	NJ	ug/kg			50
Octane, 2-methyl-	1400	NJ	ug/kg			50
Unknown	3800	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-20 D
 Client ID: P3-2 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 21:37
 Analyst: MV
 Percent Solids: 43%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3800	420	200
1,1-Dichloroethane	ND		ug/kg	570	32.	200
Chloroform	ND		ug/kg	570	140	200
Carbon tetrachloride	ND		ug/kg	380	79.	200
1,2-Dichloropropane	ND		ug/kg	1300	86.	200
Dibromochloromethane	ND		ug/kg	380	58.	200
1,1,2-Trichloroethane	ND		ug/kg	570	110	200
Tetrachloroethene	ND		ug/kg	380	53.	200
Chlorobenzene	ND		ug/kg	380	130	200
Trichlorofluoromethane	ND		ug/kg	1900	150	200
1,2-Dichloroethane	ND		ug/kg	380	43.	200
1,1,1-Trichloroethane	ND		ug/kg	380	42.	200
Bromodichloromethane	ND		ug/kg	380	65.	200
trans-1,3-Dichloropropene	ND		ug/kg	380	46.	200
cis-1,3-Dichloropropene	ND		ug/kg	380	44.	200
Bromoform	ND		ug/kg	1500	89.	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	380	38.	200
Benzene	ND		ug/kg	380	44.	200
Toluene	ND		ug/kg	570	74.	200
Ethylbenzene	2100		ug/kg	380	48.	200
Chloromethane	ND		ug/kg	1900	110	200
Bromomethane	ND		ug/kg	760	130	200
Vinyl chloride	ND		ug/kg	760	44.	200
Chloroethane	ND		ug/kg	760	120	200
1,1-Dichloroethene	ND		ug/kg	380	99.	200
trans-1,2-Dichloroethene	ND		ug/kg	570	80.	200
Trichloroethene	ND		ug/kg	380	47.	200
1,2-Dichlorobenzene	ND		ug/kg	1900	58.	200
1,3-Dichlorobenzene	ND		ug/kg	1900	51.	200
1,4-Dichlorobenzene	ND		ug/kg	1900	52.	200

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-20 D
Client ID: P3-2 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:00
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	760	32.	200
p/m-Xylene	5300		ug/kg	760	75.	200
o-Xylene	140	J	ug/kg	760	65.	200
cis-1,2-Dichloroethene	ND		ug/kg	380	54.	200
Styrene	ND		ug/kg	760	150	200
Dichlorodifluoromethane	ND		ug/kg	3800	72.	200
Acetone	ND		ug/kg	3800	390	200
Carbon disulfide	ND		ug/kg	3800	420	200
2-Butanone	ND		ug/kg	3800	100	200
4-Methyl-2-pentanone	ND		ug/kg	3800	92.	200
2-Hexanone	ND		ug/kg	3800	250	200
Bromochloromethane	ND		ug/kg	1900	100	200
1,2-Dibromoethane	ND		ug/kg	1500	66.	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	1900	150	200
Isopropylbenzene	740		ug/kg	380	39.	200
1,2,3-Trichlorobenzene	ND		ug/kg	1900	56.	200
1,2,4-Trichlorobenzene	ND		ug/kg	1900	69.	200
Methyl Acetate	ND		ug/kg	7600	100	200
Cyclohexane	2800	J	ug/kg	7600	55.	200
1,4-Dioxane	ND		ug/kg	38000	5400	200
Freon-113	ND		ug/kg	7600	100	200
Methyl cyclohexane	12000		ug/kg	1500	58.	200

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-20 D
 Client ID: P3-2 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	66000	J	ug/kg			200
Unknown	4100	J	ug/kg			200
Unknown Cyclohexane	5700	J	ug/kg			200
Unknown Benzene	6000	J	ug/kg			200
Benzene, cyclopropyl-	5400	NJ	ug/kg			200
Unknown Benzene	8400	J	ug/kg			200
Unknown Benzene	7500	J	ug/kg			200
Unknown	6400	J	ug/kg			200
Unknown Benzene	9200	J	ug/kg			200
Unknown Benzene	5500	J	ug/kg			200
Unknown Aromatic	7600	J	ug/kg			200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-21 D
 Client ID: P3-2 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 22:03
 Analyst: MV
 Percent Solids: 53%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1900	210	100
1,1-Dichloroethane	ND		ug/kg	280	16.	100
Chloroform	ND		ug/kg	280	70.	100
Carbon tetrachloride	ND		ug/kg	190	40.	100
1,2-Dichloropropane	ND		ug/kg	660	43.	100
Dibromochloromethane	ND		ug/kg	190	29.	100
1,1,2-Trichloroethane	ND		ug/kg	280	57.	100
Tetrachloroethene	ND		ug/kg	190	26.	100
Chlorobenzene	ND		ug/kg	190	66.	100
Trichlorofluoromethane	ND		ug/kg	940	73.	100
1,2-Dichloroethane	ND		ug/kg	190	21.	100
1,1,1-Trichloroethane	ND		ug/kg	190	21.	100
Bromodichloromethane	ND		ug/kg	190	33.	100
trans-1,3-Dichloropropene	ND		ug/kg	190	23.	100
cis-1,3-Dichloropropene	ND		ug/kg	190	22.	100
Bromoform	ND		ug/kg	750	44.	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	19.	100
Benzene	270		ug/kg	190	22.	100
Toluene	300		ug/kg	280	37.	100
Ethylbenzene	8000		ug/kg	190	24.	100
Chloromethane	ND		ug/kg	940	55.	100
Bromomethane	ND		ug/kg	380	64.	100
Vinyl chloride	ND		ug/kg	380	22.	100
Chloroethane	ND		ug/kg	380	60.	100
1,1-Dichloroethene	ND		ug/kg	190	49.	100
trans-1,2-Dichloroethene	ND		ug/kg	280	40.	100
Trichloroethene	ND		ug/kg	190	24.	100
1,2-Dichlorobenzene	ND		ug/kg	940	29.	100
1,3-Dichlorobenzene	ND		ug/kg	940	25.	100
1,4-Dichlorobenzene	ND		ug/kg	940	26.	100

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-21 D

Date Collected: 06/29/16 12:00

Client ID: P3-2 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	380	16.	100
p/m-Xylene	22000		ug/kg	380	37.	100
o-Xylene	500		ug/kg	380	32.	100
cis-1,2-Dichloroethene	ND		ug/kg	190	27.	100
Styrene	ND		ug/kg	380	76.	100
Dichlorodifluoromethane	ND		ug/kg	1900	36.	100
Acetone	ND		ug/kg	1900	200	100
Carbon disulfide	ND		ug/kg	1900	210	100
2-Butanone	ND		ug/kg	1900	51.	100
4-Methyl-2-pentanone	ND		ug/kg	1900	46.	100
2-Hexanone	ND		ug/kg	1900	120	100
Bromochloromethane	ND		ug/kg	940	52.	100
1,2-Dibromoethane	ND		ug/kg	750	33.	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	940	75.	100
Isopropylbenzene	1200		ug/kg	190	20.	100
1,2,3-Trichlorobenzene	ND		ug/kg	940	28.	100
1,2,4-Trichlorobenzene	ND		ug/kg	940	34.	100
Methyl Acetate	ND		ug/kg	3800	51.	100
Cyclohexane	12000		ug/kg	3800	28.	100
1,4-Dioxane	ND		ug/kg	19000	2700	100
Freon-113	ND		ug/kg	3800	52.	100
Methyl cyclohexane	28000		ug/kg	750	29.	100

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-21 D
 Client ID: P3-2 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	94000	J	ug/kg			100
Pentane, 2-methyl-	8600	NJ	ug/kg			100
Unknown Cycloalkane	9600	J	ug/kg			100
Unknown Alkane	11000	J	ug/kg			100
Unknown Cyclohexane	9200	J	ug/kg			100
Octane	6400	NJ	ug/kg			100
Unknown	11000	J	ug/kg			100
Unknown Benzene	9000	J	ug/kg			100
Unknown Benzene	9200	J	ug/kg			100
Unknown Benzene	8800	J	ug/kg			100
Unknown Aromatic	11000	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-22 D
 Client ID: P3-10 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 22:28
 Analyst: MV
 Percent Solids: 60%

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	18000	2000	1250
1,1-Dichloroethane	ND		ug/kg	2700	150	1250
Chloroform	ND		ug/kg	2700	670	1250
Carbon tetrachloride	ND		ug/kg	1800	380	1250
1,2-Dichloropropane	ND		ug/kg	6300	410	1250
Dibromochloromethane	ND		ug/kg	1800	280	1250
1,1,2-Trichloroethane	ND		ug/kg	2700	550	1250
Tetrachloroethene	ND		ug/kg	1800	250	1250
Chlorobenzene	ND		ug/kg	1800	630	1250
Trichlorofluoromethane	ND		ug/kg	9000	700	1250
1,2-Dichloroethane	ND		ug/kg	1800	200	1250
1,1,1-Trichloroethane	ND		ug/kg	1800	200	1250
Bromodichloromethane	ND		ug/kg	1800	310	1250
trans-1,3-Dichloropropene	ND		ug/kg	1800	220	1250
cis-1,3-Dichloropropene	ND		ug/kg	1800	210	1250
Bromoform	ND		ug/kg	7200	420	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	1800	180	1250
Benzene	290	J	ug/kg	1800	210	1250
Toluene	670	J	ug/kg	2700	350	1250
Ethylbenzene	12000		ug/kg	1800	230	1250
Chloromethane	ND		ug/kg	9000	530	1250
Bromomethane	ND		ug/kg	3600	610	1250
Vinyl chloride	ND		ug/kg	3600	210	1250
Chloroethane	ND		ug/kg	3600	570	1250
1,1-Dichloroethene	ND		ug/kg	1800	470	1250
trans-1,2-Dichloroethene	ND		ug/kg	2700	380	1250
Trichloroethene	ND		ug/kg	1800	220	1250
1,2-Dichlorobenzene	ND		ug/kg	9000	280	1250
1,3-Dichlorobenzene	ND		ug/kg	9000	240	1250
1,4-Dichlorobenzene	ND		ug/kg	9000	250	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-22 D
Client ID: P3-10 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:10
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3600	150	1250
p/m-Xylene	17000		ug/kg	3600	360	1250
o-Xylene	2100	J	ug/kg	3600	310	1250
cis-1,2-Dichloroethene	ND		ug/kg	1800	260	1250
Styrene	ND		ug/kg	3600	720	1250
Dichlorodifluoromethane	ND		ug/kg	18000	340	1250
Acetone	ND		ug/kg	18000	1900	1250
Carbon disulfide	ND		ug/kg	18000	2000	1250
2-Butanone	ND		ug/kg	18000	490	1250
4-Methyl-2-pentanone	ND		ug/kg	18000	440	1250
2-Hexanone	ND		ug/kg	18000	1200	1250
Bromochloromethane	ND		ug/kg	9000	500	1250
1,2-Dibromoethane	ND		ug/kg	7200	310	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	9000	710	1250
Isopropylbenzene	3700		ug/kg	1800	190	1250
1,2,3-Trichlorobenzene	ND		ug/kg	9000	270	1250
1,2,4-Trichlorobenzene	ND		ug/kg	9000	330	1250
Methyl Acetate	ND		ug/kg	36000	490	1250
Cyclohexane	17000	J	ug/kg	36000	260	1250
1,4-Dioxane	ND		ug/kg	180000	26000	1250
Freon-113	ND		ug/kg	36000	490	1250
Methyl cyclohexane	60000		ug/kg	7200	280	1250

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-22 D

Date Collected: 06/29/16 12:10

Client ID: P3-10 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	410000	J	ug/kg			1250
Unknown Alkane	31000	J	ug/kg			1250
Unknown Cyclohexane	38000	J	ug/kg			1250
Unknown Benzene	42000	J	ug/kg			1250
Unknown Benzene	33000	J	ug/kg			1250
Unknown Benzene	50000	J	ug/kg			1250
Unknown Benzene	43000	J	ug/kg			1250
Unknown Benzene	34000	J	ug/kg			1250
Unknown Benzene	50000	J	ug/kg			1250
Unknown Aromatic	39000	J	ug/kg			1250
Unknown Aromatic	46000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-23 D
 Client ID: P3-10 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 22:53
 Analyst: MV
 Percent Solids: 58%

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	19000	2100	1250
1,1-Dichloroethane	ND		ug/kg	2800	160	1250
Chloroform	ND		ug/kg	2800	690	1250
Carbon tetrachloride	ND		ug/kg	1900	390	1250
1,2-Dichloropropane	ND		ug/kg	6500	430	1250
Dibromochloromethane	ND		ug/kg	1900	290	1250
1,1,2-Trichloroethane	ND		ug/kg	2800	570	1250
Tetrachloroethene	ND		ug/kg	1900	260	1250
Chlorobenzene	ND		ug/kg	1900	650	1250
Trichlorofluoromethane	ND		ug/kg	9400	720	1250
1,2-Dichloroethane	ND		ug/kg	1900	210	1250
1,1,1-Trichloroethane	ND		ug/kg	1900	210	1250
Bromodichloromethane	ND		ug/kg	1900	320	1250
trans-1,3-Dichloropropene	ND		ug/kg	1900	220	1250
cis-1,3-Dichloropropene	ND		ug/kg	1900	220	1250
Bromoform	ND		ug/kg	7500	440	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	1900	190	1250
Benzene	ND		ug/kg	1900	220	1250
Toluene	8700		ug/kg	2800	360	1250
Ethylbenzene	38000		ug/kg	1900	240	1250
Chloromethane	ND		ug/kg	9400	550	1250
Bromomethane	ND		ug/kg	3700	630	1250
Vinyl chloride	ND		ug/kg	3700	220	1250
Chloroethane	ND		ug/kg	3700	590	1250
1,1-Dichloroethene	ND		ug/kg	1900	490	1250
trans-1,2-Dichloroethene	ND		ug/kg	2800	400	1250
Trichloroethene	ND		ug/kg	1900	230	1250
1,2-Dichlorobenzene	ND		ug/kg	9400	290	1250
1,3-Dichlorobenzene	ND		ug/kg	9400	250	1250
1,4-Dichlorobenzene	ND		ug/kg	9400	260	1250

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-23 D

Date Collected: 06/29/16 12:10

Client ID: P3-10 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3700	160	1250
p/m-Xylene	120000		ug/kg	3700	370	1250
o-Xylene	28000		ug/kg	3700	320	1250
cis-1,2-Dichloroethene	ND		ug/kg	1900	270	1250
Styrene	ND		ug/kg	3700	750	1250
Dichlorodifluoromethane	ND		ug/kg	19000	360	1250
Acetone	ND		ug/kg	19000	1900	1250
Carbon disulfide	ND		ug/kg	19000	2100	1250
2-Butanone	ND		ug/kg	19000	510	1250
4-Methyl-2-pentanone	ND		ug/kg	19000	460	1250
2-Hexanone	ND		ug/kg	19000	1200	1250
Bromochloromethane	ND		ug/kg	9400	520	1250
1,2-Dibromoethane	ND		ug/kg	7500	330	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	9400	740	1250
Isopropylbenzene	5400		ug/kg	1900	190	1250
1,2,3-Trichlorobenzene	ND		ug/kg	9400	280	1250
1,2,4-Trichlorobenzene	ND		ug/kg	9400	340	1250
Methyl Acetate	ND		ug/kg	37000	500	1250
Cyclohexane	35000	J	ug/kg	37000	270	1250
1,4-Dioxane	ND		ug/kg	190000	27000	1250
Freon-113	ND		ug/kg	37000	510	1250
Methyl cyclohexane	92000		ug/kg	7500	290	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-23 D
 Client ID: P3-10 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	440000	J	ug/kg			1250
Pentane, 2-methyl-	37000	NJ	ug/kg			1250
Unknown Cycloalkane	36000	J	ug/kg			1250
Unknown	39000	J	ug/kg			1250
Unknown	38000	J	ug/kg			1250
Unknown Benzene	50000	J	ug/kg			1250
Unknown Benzene	48000	J	ug/kg			1250
Unknown Benzene	46000	J	ug/kg			1250
Unknown Benzene	44000	J	ug/kg			1250
Unknown Aromatic	47000	J	ug/kg			1250
Unknown Aromatic	52000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-24 D
 Client ID: P1-5 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/11/16 23:19
 Analyst: MV
 Percent Solids: 60%

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	21000	2300	1250
1,1-Dichloroethane	ND		ug/kg	3100	180	1250
Chloroform	ND		ug/kg	3100	760	1250
Carbon tetrachloride	ND		ug/kg	2100	430	1250
1,2-Dichloropropane	ND		ug/kg	7200	470	1250
Dibromochloromethane	ND		ug/kg	2100	320	1250
1,1,2-Trichloroethane	ND		ug/kg	3100	630	1250
Tetrachloroethene	ND		ug/kg	2100	290	1250
Chlorobenzene	ND		ug/kg	2100	720	1250
Trichlorofluoromethane	ND		ug/kg	10000	800	1250
1,2-Dichloroethane	ND		ug/kg	2100	230	1250
1,1,1-Trichloroethane	ND		ug/kg	2100	230	1250
Bromodichloromethane	ND		ug/kg	2100	360	1250
trans-1,3-Dichloropropene	ND		ug/kg	2100	250	1250
cis-1,3-Dichloropropene	ND		ug/kg	2100	240	1250
Bromoform	ND		ug/kg	8300	490	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	2100	210	1250
Benzene	880	J	ug/kg	2100	240	1250
Toluene	1300	J	ug/kg	3100	400	1250
Ethylbenzene	24000		ug/kg	2100	260	1250
Chloromethane	ND		ug/kg	10000	610	1250
Bromomethane	ND		ug/kg	4100	700	1250
Vinyl chloride	ND		ug/kg	4100	240	1250
Chloroethane	ND		ug/kg	4100	650	1250
1,1-Dichloroethene	ND		ug/kg	2100	540	1250
trans-1,2-Dichloroethene	ND		ug/kg	3100	440	1250
Trichloroethene	ND		ug/kg	2100	260	1250
1,2-Dichlorobenzene	ND		ug/kg	10000	320	1250
1,3-Dichlorobenzene	ND		ug/kg	10000	280	1250
1,4-Dichlorobenzene	ND		ug/kg	10000	290	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-24 D
Client ID: P1-5 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:00
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	4100	170	1250
p/m-Xylene	79000		ug/kg	4100	410	1250
o-Xylene	2500	J	ug/kg	4100	360	1250
cis-1,2-Dichloroethene	ND		ug/kg	2100	300	1250
Styrene	ND		ug/kg	4100	830	1250
Dichlorodifluoromethane	ND		ug/kg	21000	390	1250
Acetone	ND		ug/kg	21000	2100	1250
Carbon disulfide	ND		ug/kg	21000	2300	1250
2-Butanone	ND		ug/kg	21000	560	1250
4-Methyl-2-pentanone	ND		ug/kg	21000	500	1250
2-Hexanone	ND		ug/kg	21000	1400	1250
Bromochloromethane	ND		ug/kg	10000	570	1250
1,2-Dibromoethane	ND		ug/kg	8300	360	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	10000	820	1250
Isopropylbenzene	6400		ug/kg	2100	210	1250
1,2,3-Trichlorobenzene	ND		ug/kg	10000	300	1250
1,2,4-Trichlorobenzene	ND		ug/kg	10000	380	1250
Methyl Acetate	ND		ug/kg	41000	560	1250
Cyclohexane	34000	J	ug/kg	41000	300	1250
1,4-Dioxane	ND		ug/kg	210000	30000	1250
Freon-113	ND		ug/kg	41000	570	1250
Methyl cyclohexane	140000		ug/kg	8300	320	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-24 D
 Client ID: P1-5 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	560000	J	ug/kg			1250
Unknown Alkane	59000	J	ug/kg			1250
Unknown Cyclohexane	57000	J	ug/kg			1250
Unknown Benzene	51000	J	ug/kg			1250
Unknown Benzene	61000	J	ug/kg			1250
Unknown Benzene	61000	J	ug/kg			1250
Unknown Benzene	51000	J	ug/kg			1250
Unknown	43000	J	ug/kg			1250
Unknown Benzene	62000	J	ug/kg			1250
Unknown Benzene	44000	J	ug/kg			1250
Unknown Aromatic	70000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-25 D
 Client ID: P1-5 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 23:46
 Analyst: PP
 Percent Solids: 54%

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	860	95.	50
1,1-Dichloroethane	ND		ug/kg	130	7.4	50
Chloroform	ND		ug/kg	130	32.	50
Carbon tetrachloride	ND		ug/kg	86	18.	50
1,2-Dichloropropane	ND		ug/kg	300	20.	50
Dibromochloromethane	ND		ug/kg	86	13.	50
1,1,2-Trichloroethane	ND		ug/kg	130	26.	50
Tetrachloroethene	ND		ug/kg	86	12.	50
Chlorobenzene	ND		ug/kg	86	30.	50
Trichlorofluoromethane	ND		ug/kg	430	34.	50
1,2-Dichloroethane	ND		ug/kg	86	9.8	50
1,1,1-Trichloroethane	ND		ug/kg	86	9.6	50
Bromodichloromethane	ND		ug/kg	86	15.	50
trans-1,3-Dichloropropene	ND		ug/kg	86	10.	50
cis-1,3-Dichloropropene	ND		ug/kg	86	10.	50
Bromoform	ND		ug/kg	340	20.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	86	8.7	50
Benzene	55	J	ug/kg	86	10.	50
Toluene	28	J	ug/kg	130	17.	50
Ethylbenzene	140		ug/kg	86	11.	50
Chloromethane	ND		ug/kg	430	25.	50
Bromomethane	ND		ug/kg	170	29.	50
Vinyl chloride	ND		ug/kg	170	10.	50
Chloroethane	ND		ug/kg	170	27.	50
1,1-Dichloroethene	ND		ug/kg	86	23.	50
trans-1,2-Dichloroethene	ND		ug/kg	130	18.	50
Trichloroethene	ND		ug/kg	86	11.	50
1,2-Dichlorobenzene	ND		ug/kg	430	13.	50
1,3-Dichlorobenzene	ND		ug/kg	430	12.	50
1,4-Dichlorobenzene	ND		ug/kg	430	12.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-25 D
Client ID: P1-5 (8-10)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:00
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	170	7.3	50
p/m-Xylene	570		ug/kg	170	17.	50
o-Xylene	46	J	ug/kg	170	15.	50
cis-1,2-Dichloroethene	ND		ug/kg	86	12.	50
Styrene	ND		ug/kg	170	35.	50
Dichlorodifluoromethane	ND		ug/kg	860	16.	50
Acetone	ND		ug/kg	860	89.	50
Carbon disulfide	ND		ug/kg	860	95.	50
2-Butanone	ND		ug/kg	860	23.	50
4-Methyl-2-pentanone	ND		ug/kg	860	21.	50
2-Hexanone	ND		ug/kg	860	58.	50
Bromochloromethane	ND		ug/kg	430	24.	50
1,2-Dibromoethane	ND		ug/kg	340	15.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	430	34.	50
Isopropylbenzene	230		ug/kg	86	9.0	50
1,2,3-Trichlorobenzene	ND		ug/kg	430	13.	50
1,2,4-Trichlorobenzene	ND		ug/kg	430	16.	50
Methyl Acetate	1400	J	ug/kg	1700	23.	50
Cyclohexane	220	J	ug/kg	1700	13.	50
1,4-Dioxane	ND		ug/kg	8600	1200	50
Freon-113	ND		ug/kg	1700	24.	50
Methyl cyclohexane	680		ug/kg	340	13.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-25 D
 Client ID: P1-5 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	9000	J	ug/kg			50
Unknown	350	J	ug/kg			50
Unknown Benzene	640	J	ug/kg			50
Unknown Benzene	250	J	ug/kg			50
Unknown Benzene	1700	J	ug/kg			50
Unknown Benzene	1600	J	ug/kg			50
Unknown Aromatic	1400	J	ug/kg			50
Unknown Benzene	1800	J	ug/kg			50
Unknown	350	J	ug/kg			50
Unknown Benzene	570	J	ug/kg			50
Unknown Aromatic	360	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	87		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-26 D
 Client ID: P1-4 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 00:10
 Analyst: MV
 Percent Solids: 55%

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1800	200	100
1,1-Dichloroethane	ND		ug/kg	270	16.	100
Chloroform	ND		ug/kg	270	68.	100
Carbon tetrachloride	ND		ug/kg	180	38.	100
1,2-Dichloropropane	ND		ug/kg	640	42.	100
Dibromochloromethane	ND		ug/kg	180	28.	100
1,1,2-Trichloroethane	ND		ug/kg	270	56.	100
Tetrachloroethene	ND		ug/kg	180	26.	100
Chlorobenzene	ND		ug/kg	180	64.	100
Trichlorofluoromethane	ND		ug/kg	920	71.	100
1,2-Dichloroethane	ND		ug/kg	180	21.	100
1,1,1-Trichloroethane	ND		ug/kg	180	20.	100
Bromodichloromethane	ND		ug/kg	180	32.	100
trans-1,3-Dichloropropene	ND		ug/kg	180	22.	100
cis-1,3-Dichloropropene	ND		ug/kg	180	22.	100
Bromoform	ND		ug/kg	730	43.	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	180	18.	100
Benzene	210		ug/kg	180	22.	100
Toluene	92	J	ug/kg	270	36.	100
Ethylbenzene	400		ug/kg	180	23.	100
Chloromethane	ND		ug/kg	920	54.	100
Bromomethane	ND		ug/kg	370	62.	100
Vinyl chloride	ND		ug/kg	370	22.	100
Chloroethane	ND		ug/kg	370	58.	100
1,1-Dichloroethene	ND		ug/kg	180	48.	100
trans-1,2-Dichloroethene	ND		ug/kg	270	39.	100
Trichloroethene	ND		ug/kg	180	23.	100
1,2-Dichlorobenzene	ND		ug/kg	920	28.	100
1,3-Dichlorobenzene	ND		ug/kg	920	25.	100
1,4-Dichlorobenzene	ND		ug/kg	920	25.	100

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-26 D
 Client ID: P1-4 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	370	15.	100
p/m-Xylene	750		ug/kg	370	36.	100
o-Xylene	64	J	ug/kg	370	31.	100
cis-1,2-Dichloroethene	ND		ug/kg	180	26.	100
Styrene	ND		ug/kg	370	74.	100
Dichlorodifluoromethane	ND		ug/kg	1800	35.	100
Acetone	ND		ug/kg	1800	190	100
Carbon disulfide	ND		ug/kg	1800	200	100
2-Butanone	ND		ug/kg	1800	50.	100
4-Methyl-2-pentanone	ND		ug/kg	1800	45.	100
2-Hexanone	ND		ug/kg	1800	120	100
Bromochloromethane	ND		ug/kg	920	50.	100
1,2-Dibromoethane	ND		ug/kg	730	32.	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	920	72.	100
Isopropylbenzene	400		ug/kg	180	19.	100
1,2,3-Trichlorobenzene	ND		ug/kg	920	27.	100
1,2,4-Trichlorobenzene	ND		ug/kg	920	33.	100
Methyl Acetate	ND		ug/kg	3700	49.	100
Cyclohexane	1800	J	ug/kg	3700	27.	100
1,4-Dioxane	ND		ug/kg	18000	2600	100
Freon-113	ND		ug/kg	3700	50.	100
Methyl cyclohexane	6500		ug/kg	730	28.	100

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-26 D
 Client ID: P1-4 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	100000	J	ug/kg			100
Unknown Cyclohexane	6800	J	ug/kg			100
Cyclohexane, 1,1,3-trimethyl-	8000	NJ	ug/kg			100
Unknown	10000	J	ug/kg			100
Unknown Naphthalene	8800	J	ug/kg			100
Unknown Benzene	8900	J	ug/kg			100
Unknown	16000	J	ug/kg			100
Unknown Naphthalene	8100	J	ug/kg			100
Unknown	8700	J	ug/kg			100
Unknown	16000	J	ug/kg			100
Unknown	10000	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-27 D
 Client ID: P1-4 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 00:36
 Analyst: MV
 Percent Solids: 55%

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	900	100	50
1,1-Dichloroethane	ND		ug/kg	140	7.8	50
Chloroform	ND		ug/kg	140	34.	50
Carbon tetrachloride	ND		ug/kg	90	19.	50
1,2-Dichloropropane	ND		ug/kg	320	21.	50
Dibromochloromethane	ND		ug/kg	90	14.	50
1,1,2-Trichloroethane	ND		ug/kg	140	28.	50
Tetrachloroethene	ND		ug/kg	90	13.	50
Chlorobenzene	ND		ug/kg	90	32.	50
Trichlorofluoromethane	ND		ug/kg	450	35.	50
1,2-Dichloroethane	ND		ug/kg	90	10.	50
1,1,1-Trichloroethane	ND		ug/kg	90	10.	50
Bromodichloromethane	ND		ug/kg	90	16.	50
trans-1,3-Dichloropropene	ND		ug/kg	90	11.	50
cis-1,3-Dichloropropene	ND		ug/kg	90	11.	50
Bromoform	ND		ug/kg	360	21.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	90	9.1	50
Benzene	290		ug/kg	90	11.	50
Toluene	310		ug/kg	140	18.	50
Ethylbenzene	1700		ug/kg	90	12.	50
Chloromethane	ND		ug/kg	450	27.	50
Bromomethane	ND		ug/kg	180	31.	50
Vinyl chloride	ND		ug/kg	180	11.	50
Chloroethane	ND		ug/kg	180	29.	50
1,1-Dichloroethene	ND		ug/kg	90	24.	50
trans-1,2-Dichloroethene	ND		ug/kg	140	19.	50
Trichloroethene	ND		ug/kg	90	11.	50
1,2-Dichlorobenzene	ND		ug/kg	450	14.	50
1,3-Dichlorobenzene	ND		ug/kg	450	12.	50
1,4-Dichlorobenzene	ND		ug/kg	450	12.	50

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-27 D

Date Collected: 06/29/16 12:35

Client ID: P1-4 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	180	7.6	50
p/m-Xylene	4700		ug/kg	180	18.	50
o-Xylene	140	J	ug/kg	180	16.	50
cis-1,2-Dichloroethene	ND		ug/kg	90	13.	50
Styrene	ND		ug/kg	180	36.	50
Dichlorodifluoromethane	ND		ug/kg	900	17.	50
Acetone	ND		ug/kg	900	94.	50
Carbon disulfide	ND		ug/kg	900	100	50
2-Butanone	ND		ug/kg	900	25.	50
4-Methyl-2-pentanone	ND		ug/kg	900	22.	50
2-Hexanone	ND		ug/kg	900	60.	50
Bromochloromethane	ND		ug/kg	450	25.	50
1,2-Dibromoethane	ND		ug/kg	360	16.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	450	36.	50
Isopropylbenzene	1000		ug/kg	90	9.4	50
1,2,3-Trichlorobenzene	ND		ug/kg	450	13.	50
1,2,4-Trichlorobenzene	ND		ug/kg	450	16.	50
Methyl Acetate	ND		ug/kg	1800	24.	50
Cyclohexane	8500		ug/kg	1800	13.	50
1,4-Dioxane	ND		ug/kg	9000	1300	50
Freon-113	ND		ug/kg	1800	25.	50
Methyl cyclohexane	23000		ug/kg	360	14.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-27 D
 Client ID: P1-4 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	60000	J	ug/kg			50
Pentane, 2-methyl-	5200	NJ	ug/kg			50
Unknown Cycloalkane	6000	J	ug/kg			50
Unknown	6100	J	ug/kg			50
Unknown Cyclohexane	9200	J	ug/kg			50
Unknown Cyclohexane	4800	J	ug/kg			50
Unknown	4600	J	ug/kg			50
Cyclohexane, ethyl-	5100	NJ	ug/kg			50
Cyclohexane, 1,1,3-trimethyl-	5200	NJ	ug/kg			50
Unknown	6800	J	ug/kg			50
Unknown Aromatic	6800	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	96		70-130

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-28 D
 Client ID: P1-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 01:01
 Analyst: MV
 Percent Solids: 84%

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1500	160	125
1,1-Dichloroethane	ND		ug/kg	220	13.	125
Chloroform	ND		ug/kg	220	55.	125
Carbon tetrachloride	ND		ug/kg	150	31.	125
1,2-Dichloropropane	ND		ug/kg	520	34.	125
Dibromochloromethane	ND		ug/kg	150	23.	125
1,1,2-Trichloroethane	ND		ug/kg	220	45.	125
Tetrachloroethene	ND		ug/kg	150	21.	125
Chlorobenzene	ND		ug/kg	150	52.	125
Trichlorofluoromethane	ND		ug/kg	740	58.	125
1,2-Dichloroethane	ND		ug/kg	150	17.	125
1,1,1-Trichloroethane	ND		ug/kg	150	16.	125
Bromodichloromethane	ND		ug/kg	150	26.	125
trans-1,3-Dichloropropene	ND		ug/kg	150	18.	125
cis-1,3-Dichloropropene	ND		ug/kg	150	18.	125
Bromoform	ND		ug/kg	600	35.	125
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	15.	125
Benzene	ND		ug/kg	150	18.	125
Toluene	120	J	ug/kg	220	29.	125
Ethylbenzene	2800		ug/kg	150	19.	125
Chloromethane	ND		ug/kg	740	44.	125
Bromomethane	ND		ug/kg	300	50.	125
Vinyl chloride	ND		ug/kg	300	18.	125
Chloroethane	ND		ug/kg	300	47.	125
1,1-Dichloroethene	ND		ug/kg	150	39.	125
trans-1,2-Dichloroethene	ND		ug/kg	220	32.	125
Trichloroethene	ND		ug/kg	150	19.	125
1,2-Dichlorobenzene	ND		ug/kg	740	23.	125
1,3-Dichlorobenzene	ND		ug/kg	740	20.	125
1,4-Dichlorobenzene	ND		ug/kg	740	21.	125

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-28 D
Client ID: P1-3 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:45
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	300	12.	125
p/m-Xylene	8500		ug/kg	300	30.	125
o-Xylene	750		ug/kg	300	26.	125
cis-1,2-Dichloroethene	ND		ug/kg	150	21.	125
Styrene	ND		ug/kg	300	60.	125
Dichlorodifluoromethane	ND		ug/kg	1500	28.	125
Acetone	ND		ug/kg	1500	150	125
Carbon disulfide	ND		ug/kg	1500	160	125
2-Butanone	ND		ug/kg	1500	40.	125
4-Methyl-2-pentanone	ND		ug/kg	1500	36.	125
2-Hexanone	ND		ug/kg	1500	99.	125
Bromochloromethane	ND		ug/kg	740	41.	125
1,2-Dibromoethane	ND		ug/kg	600	26.	125
1,2-Dibromo-3-chloropropane	ND		ug/kg	740	59.	125
Isopropylbenzene	490		ug/kg	150	15.	125
1,2,3-Trichlorobenzene	ND		ug/kg	740	22.	125
1,2,4-Trichlorobenzene	ND		ug/kg	740	27.	125
Methyl Acetate	ND		ug/kg	3000	40.	125
Cyclohexane	2500	J	ug/kg	3000	22.	125
1,4-Dioxane	ND		ug/kg	15000	2200	125
Freon-113	ND		ug/kg	3000	41.	125
Methyl cyclohexane	9900		ug/kg	600	23.	125

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-28 D

Date Collected: 06/29/16 12:45

Client ID: P1-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	72000	J	ug/kg			125
Unknown Alkane	7700	J	ug/kg			125
Unknown	6200	J	ug/kg			125
Octane	5000	NJ	ug/kg			125
Unknown	9600	J	ug/kg			125
Unknown Benzene	6300	J	ug/kg			125
Unknown Benzene	6900	J	ug/kg			125
Unknown Benzene	5800	J	ug/kg			125
Unknown Benzene	7500	J	ug/kg			125
Unknown Aromatic	8000	J	ug/kg			125
1-Phenyl-1-butene	9200	NJ	ug/kg			125

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-29 D
 Client ID: P1-3 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 16:32
 Analyst: MV
 Percent Solids: 55%

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7400	820	500
1,1-Dichloroethane	ND		ug/kg	1100	63.	500
Chloroform	ND		ug/kg	1100	270	500
Carbon tetrachloride	ND		ug/kg	740	160	500
1,2-Dichloropropane	ND		ug/kg	2600	170	500
Dibromochloromethane	ND		ug/kg	740	110	500
1,1,2-Trichloroethane	ND		ug/kg	1100	220	500
Tetrachloroethene	ND		ug/kg	740	100	500
Chlorobenzene	ND		ug/kg	740	260	500
Trichlorofluoromethane	ND		ug/kg	3700	290	500
1,2-Dichloroethane	ND		ug/kg	740	84.	500
1,1,1-Trichloroethane	ND		ug/kg	740	82.	500
Bromodichloromethane	ND		ug/kg	740	130	500
trans-1,3-Dichloropropene	ND		ug/kg	740	89.	500
cis-1,3-Dichloropropene	ND		ug/kg	740	87.	500
Bromoform	ND		ug/kg	3000	170	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	740	74.	500
Benzene	600	J	ug/kg	740	87.	500
Toluene	1000	J	ug/kg	1100	140	500
Ethylbenzene	20000		ug/kg	740	94.	500
Chloromethane	ND		ug/kg	3700	220	500
Bromomethane	ND		ug/kg	1500	250	500
Vinyl chloride	ND		ug/kg	1500	87.	500
Chloroethane	ND		ug/kg	1500	230	500
1,1-Dichloroethene	ND		ug/kg	740	190	500
trans-1,2-Dichloroethene	ND		ug/kg	1100	160	500
Trichloroethene	ND		ug/kg	740	92.	500
1,2-Dichlorobenzene	ND		ug/kg	3700	110	500
1,3-Dichlorobenzene	ND		ug/kg	3700	100	500
1,4-Dichlorobenzene	ND		ug/kg	3700	100	500

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-29 D

Date Collected: 06/29/16 12:45

Client ID: P1-3 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1500	62.	500
p/m-Xylene	60000		ug/kg	1500	150	500
o-Xylene	5000		ug/kg	1500	130	500
cis-1,2-Dichloroethene	ND		ug/kg	740	100	500
Styrene	ND		ug/kg	1500	300	500
Dichlorodifluoromethane	ND		ug/kg	7400	140	500
Acetone	ND		ug/kg	7400	760	500
Carbon disulfide	ND		ug/kg	7400	810	500
2-Butanone	ND		ug/kg	7400	200	500
4-Methyl-2-pentanone	ND		ug/kg	7400	180	500
2-Hexanone	ND		ug/kg	7400	490	500
Bromochloromethane	ND		ug/kg	3700	200	500
1,2-Dibromoethane	ND		ug/kg	3000	130	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	3700	290	500
Isopropylbenzene	2300		ug/kg	740	77.	500
1,2,3-Trichlorobenzene	ND		ug/kg	3700	110	500
1,2,4-Trichlorobenzene	ND		ug/kg	3700	130	500
Methyl Acetate	ND		ug/kg	15000	200	500
Cyclohexane	11000	J	ug/kg	15000	110	500
1,4-Dioxane	ND		ug/kg	74000	11000	500
Freon-113	ND		ug/kg	15000	200	500
Methyl cyclohexane	30000		ug/kg	3000	110	500

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-29 D
 Client ID: P1-3 (8-12)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	140000	J	ug/kg			500
Cyclopentane, Methyl-	11000	NJ	ug/kg			500
Unknown Cyclohexane	10000	J	ug/kg			500
Unknown Benzene	16000	J	ug/kg			500
Unknown Benzene	18000	J	ug/kg			500
Indane	14000	NJ	ug/kg			500
Unknown Benzene	17000	J	ug/kg			500
Unknown Benzene	14000	J	ug/kg			500
Unknown	12000	J	ug/kg			500
Unknown Aromatic	13000	J	ug/kg			500
Unknown Aromatic	17000	J	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 16:58
 Analyst: MV
 Percent Solids: 87%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.5	J	ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	0.82	J	ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.22	1
Ethylbenzene	0.66	J	ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-30
Client ID: P4-1 (0-4)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	0.80	J	ug/kg	2.2	0.22	1
o-Xylene	0.29	J	ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	7.8	J	ug/kg	11	1.1	1
Carbon disulfide	1.2	J	ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.74	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.44	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	ND		ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.30	1
Methyl cyclohexane	0.72	J	ug/kg	4.4	0.17	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	53	J	ug/kg			1
Unknown	3.3	J	ug/kg			1
Unknown	8.0	J	ug/kg			1
Unknown	4.4	J	ug/kg			1
Unknown	3.8	J	ug/kg			1
Unknown Benzene	6.0	J	ug/kg			1
Unknown	5.9	J	ug/kg			1
Unknown	5.4	J	ug/kg			1
Unknown	6.8	J	ug/kg			1
Unknown	5.2	J	ug/kg			1
Unknown Benzene	3.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-31 D
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 17:23
 Analyst: MV
 Percent Solids: 43%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	160	J	ug/kg	1200	130	50
1,1-Dichloroethane	ND		ug/kg	180	10.	50
Chloroform	ND		ug/kg	180	43.	50
Carbon tetrachloride	ND		ug/kg	120	24.	50
1,2-Dichloropropane	ND		ug/kg	410	27.	50
Dibromochloromethane	ND		ug/kg	120	18.	50
1,1,2-Trichloroethane	ND		ug/kg	180	36.	50
Tetrachloroethene	ND		ug/kg	120	16.	50
Chlorobenzene	ND		ug/kg	120	41.	50
Trichlorofluoromethane	ND		ug/kg	580	45.	50
1,2-Dichloroethane	ND		ug/kg	120	13.	50
1,1,1-Trichloroethane	ND		ug/kg	120	13.	50
Bromodichloromethane	ND		ug/kg	120	20.	50
trans-1,3-Dichloropropene	ND		ug/kg	120	14.	50
cis-1,3-Dichloropropene	ND		ug/kg	120	14.	50
Bromoform	ND		ug/kg	470	28.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	120	12.	50
Benzene	170		ug/kg	120	14.	50
Toluene	ND		ug/kg	180	23.	50
Ethylbenzene	31	J	ug/kg	120	15.	50
Chloromethane	ND		ug/kg	580	34.	50
Bromomethane	ND		ug/kg	230	40.	50
Vinyl chloride	ND		ug/kg	230	14.	50
Chloroethane	ND		ug/kg	230	37.	50
1,1-Dichloroethene	ND		ug/kg	120	31.	50
trans-1,2-Dichloroethene	ND		ug/kg	180	25.	50
Trichloroethene	ND		ug/kg	120	15.	50
1,2-Dichlorobenzene	ND		ug/kg	580	18.	50
1,3-Dichlorobenzene	ND		ug/kg	580	16.	50
1,4-Dichlorobenzene	ND		ug/kg	580	16.	50

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-31 D

Date Collected: 06/29/16 13:05

Client ID: P4-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	230	9.9	50
p/m-Xylene	78	J	ug/kg	230	23.	50
o-Xylene	ND		ug/kg	230	20.	50
cis-1,2-Dichloroethene	ND		ug/kg	120	17.	50
Styrene	ND		ug/kg	230	47.	50
Dichlorodifluoromethane	ND		ug/kg	1200	22.	50
Acetone	ND		ug/kg	1200	120	50
Carbon disulfide	ND		ug/kg	1200	130	50
2-Butanone	ND		ug/kg	1200	32.	50
4-Methyl-2-pentanone	ND		ug/kg	1200	28.	50
2-Hexanone	ND		ug/kg	1200	78.	50
Bromochloromethane	ND		ug/kg	580	32.	50
1,2-Dibromoethane	ND		ug/kg	470	20.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	580	46.	50
Isopropylbenzene	370		ug/kg	120	12.	50
1,2,3-Trichlorobenzene	ND		ug/kg	580	17.	50
1,2,4-Trichlorobenzene	ND		ug/kg	580	21.	50
Methyl Acetate	ND		ug/kg	2300	32.	50
Cyclohexane	670	J	ug/kg	2300	17.	50
1,4-Dioxane	ND		ug/kg	12000	1700	50
Freon-113	ND		ug/kg	2300	32.	50
Methyl cyclohexane	910		ug/kg	470	18.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-31 D
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	8200	J	ug/kg			50
Unknown	690	J	ug/kg			50
Unknown Cycloalkane	740	J	ug/kg			50
Unknown	1300	J	ug/kg			50
Unknown	600	J	ug/kg			50
Unknown Cyclohexane	990	J	ug/kg			50
Unknown	680	J	ug/kg			50
Unknown	700	J	ug/kg			50
Unknown Benzene	660	J	ug/kg			50
Unknown Aromatic	1000	J	ug/kg			50
Unknown Benzene	820	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-32
Client ID: P4-2 (2-4)
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/12/16 17:49
Analyst: MV
Percent Solids: 89%

Date Collected: 06/29/16 13:15
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.7	J	ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.41	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.12	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	2.9		ug/kg	1.1	0.12	1
Toluene	0.84	J	ug/kg	1.6	0.21	1
Ethylbenzene	1.3		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.3	0.31	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
Chloroethane	ND		ug/kg	2.1	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.15	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	2.4		ug/kg	2.1	0.21	1
o-Xylene	0.31	J	ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Styrene	ND		ug/kg	2.1	0.43	1
Dichlorodifluoromethane	ND		ug/kg	11	0.20	1
Acetone	47		ug/kg	11	1.1	1
Carbon disulfide	1.5	J	ug/kg	11	1.2	1
2-Butanone	10	J	ug/kg	11	0.29	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
2-Hexanone	ND		ug/kg	11	0.71	1
Bromochloromethane	ND		ug/kg	5.3	0.29	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	0.42	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	0.19	1
Methyl Acetate	ND		ug/kg	21	0.29	1
Cyclohexane	ND		ug/kg	21	0.16	1
1,4-Dioxane	ND		ug/kg	110	15.	1
Freon-113	ND		ug/kg	21	0.29	1
Methyl cyclohexane	0.90	J	ug/kg	4.2	0.16	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	110	J	ug/kg			1
Unknown	10	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	11	NJ	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	7.7	J	ug/kg			1
Unknown Cyclohexane	8.4	J	ug/kg			1
Unknown Cyclohexane	9.0	J	ug/kg			1
Unknown	6.8	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown	15	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-33 D
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 18:14
 Analyst: MV
 Percent Solids: 83%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	4.1	J	ug/kg	24	2.7	2
1,1-Dichloroethane	ND		ug/kg	3.6	0.21	2
Chloroform	ND		ug/kg	3.6	0.89	2
Carbon tetrachloride	ND		ug/kg	2.4	0.51	2
1,2-Dichloropropane	ND		ug/kg	8.4	0.55	2
Dibromochloromethane	ND		ug/kg	2.4	0.37	2
1,1,2-Trichloroethane	ND		ug/kg	3.6	0.73	2
Tetrachloroethene	ND		ug/kg	2.4	0.34	2
Chlorobenzene	ND		ug/kg	2.4	0.84	2
Trichlorofluoromethane	ND		ug/kg	12	0.93	2
1,2-Dichloroethane	ND		ug/kg	2.4	0.27	2
1,1,1-Trichloroethane	ND		ug/kg	2.4	0.27	2
Bromodichloromethane	ND		ug/kg	2.4	0.42	2
trans-1,3-Dichloropropene	ND		ug/kg	2.4	0.29	2
cis-1,3-Dichloropropene	ND		ug/kg	2.4	0.28	2
Bromoform	ND		ug/kg	9.6	0.57	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.4	0.24	2
Benzene	10		ug/kg	2.4	0.28	2
Toluene	1.2	J	ug/kg	3.6	0.47	2
Ethylbenzene	4.7		ug/kg	2.4	0.31	2
Chloromethane	ND		ug/kg	12	0.71	2
Bromomethane	ND		ug/kg	4.8	0.81	2
Vinyl chloride	ND		ug/kg	4.8	0.28	2
Chloroethane	ND		ug/kg	4.8	0.76	2
1,1-Dichloroethene	ND		ug/kg	2.4	0.63	2
trans-1,2-Dichloroethene	ND		ug/kg	3.6	0.51	2
Trichloroethene	ND		ug/kg	2.4	0.30	2
1,2-Dichlorobenzene	ND		ug/kg	12	0.37	2
1,3-Dichlorobenzene	ND		ug/kg	12	0.32	2
1,4-Dichlorobenzene	ND		ug/kg	12	0.33	2

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-33 D

Date Collected: 06/29/16 13:15

Client ID: P4-2 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	4.8	0.20	2
p/m-Xylene	6.2		ug/kg	4.8	0.48	2
o-Xylene	1.6	J	ug/kg	4.8	0.41	2
cis-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	2
Styrene	ND		ug/kg	4.8	0.97	2
Dichlorodifluoromethane	ND		ug/kg	24	0.46	2
Acetone	110		ug/kg	24	2.5	2
Carbon disulfide	4.4	J	ug/kg	24	2.6	2
2-Butanone	29		ug/kg	24	0.66	2
4-Methyl-2-pentanone	ND		ug/kg	24	0.59	2
2-Hexanone	ND		ug/kg	24	1.6	2
Bromochloromethane	ND		ug/kg	12	0.66	2
1,2-Dibromoethane	ND		ug/kg	9.6	0.42	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	0.95	2
Isopropylbenzene	3.9		ug/kg	2.4	0.25	2
1,2,3-Trichlorobenzene	ND		ug/kg	12	0.36	2
1,2,4-Trichlorobenzene	ND		ug/kg	12	0.44	2
Methyl Acetate	ND		ug/kg	48	0.65	2
Cyclohexane	ND		ug/kg	48	0.35	2
1,4-Dioxane	ND		ug/kg	240	35.	2
Freon-113	ND		ug/kg	48	0.66	2
Methyl cyclohexane	2.7	J	ug/kg	9.6	0.37	2

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-33 D
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	700	J	ug/kg			2
Benzene, 1,4-diethyl-	51	NJ	ug/kg			2
Unknown Benzene	74	J	ug/kg			2
Unknown Aromatic	100	J	ug/kg			2
Unknown	46	J	ug/kg			2
Unknown Benzene	46	J	ug/kg			2
Unknown	130	J	ug/kg			2
Unknown	55	J	ug/kg			2
Unknown	93	J	ug/kg			2
Unknown	44	J	ug/kg			2
Unknown Aromatic	60	J	ug/kg			2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-34
 Client ID: P4-3 (2-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 18:40
 Analyst: MV
 Percent Solids: 85%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.4	J	ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	10		ug/kg	1.2	0.14	1
Toluene	2.6		ug/kg	1.7	0.22	1
Ethylbenzene	5.8		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-34
Client ID: P4-3 (2-4)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:30
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	12		ug/kg	2.3	0.23	1
o-Xylene	1.9	J	ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	50		ug/kg	12	1.2	1
Carbon disulfide	3.0	J	ug/kg	12	1.3	1
2-Butanone	9.4	J	ug/kg	12	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Isopropylbenzene	0.47	J	ug/kg	1.2	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
Methyl Acetate	ND		ug/kg	23	0.31	1
Cyclohexane	ND		ug/kg	23	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	23	0.32	1
Methyl cyclohexane	0.47	J	ug/kg	4.6	0.18	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-34
 Client ID: P4-3 (2-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	400	J	ug/kg			1
Unknown	38	J	ug/kg			1
Unknown Alkane	46	J	ug/kg			1
Unknown	48	J	ug/kg			1
Unknown Naphthalene	30	J	ug/kg			1
Unknown Benzene	33	J	ug/kg			1
Unknown	27	J	ug/kg			1
Unknown	44	J	ug/kg			1
Dodecane, 6-methyl-	60	NJ	ug/kg			1
Unknown	45	J	ug/kg			1
Unknown	28	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	105		70-130

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-36 D
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 19:05
 Analyst: MV
 Percent Solids: 84%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	960	110	100
1,1-Dichloroethane	ND		ug/kg	140	8.3	100
Chloroform	ND		ug/kg	140	36.	100
Carbon tetrachloride	ND		ug/kg	96	20.	100
1,2-Dichloropropane	ND		ug/kg	340	22.	100
Dibromochloromethane	ND		ug/kg	96	15.	100
1,1,2-Trichloroethane	ND		ug/kg	140	29.	100
Tetrachloroethene	ND		ug/kg	96	14.	100
Chlorobenzene	ND		ug/kg	96	34.	100
Trichlorofluoromethane	ND		ug/kg	480	37.	100
1,2-Dichloroethane	ND		ug/kg	96	11.	100
1,1,1-Trichloroethane	ND		ug/kg	96	11.	100
Bromodichloromethane	ND		ug/kg	96	17.	100
trans-1,3-Dichloropropene	ND		ug/kg	96	12.	100
cis-1,3-Dichloropropene	ND		ug/kg	96	11.	100
Bromoform	ND		ug/kg	390	23.	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	96	9.7	100
Benzene	1100		ug/kg	96	11.	100
Toluene	630		ug/kg	140	19.	100
Ethylbenzene	1400		ug/kg	96	12.	100
Chloromethane	ND		ug/kg	480	28.	100
Bromomethane	ND		ug/kg	190	33.	100
Vinyl chloride	ND		ug/kg	190	11.	100
Chloroethane	ND		ug/kg	190	30.	100
1,1-Dichloroethene	ND		ug/kg	96	25.	100
trans-1,2-Dichloroethene	ND		ug/kg	140	20.	100
Trichloroethene	ND		ug/kg	96	12.	100
1,2-Dichlorobenzene	ND		ug/kg	480	15.	100
1,3-Dichlorobenzene	ND		ug/kg	480	13.	100
1,4-Dichlorobenzene	ND		ug/kg	480	13.	100

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-36 D

Date Collected: 06/29/16 13:30

Client ID: P4-3 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	190	8.2	100
p/m-Xylene	4500		ug/kg	190	19.	100
o-Xylene	460		ug/kg	190	16.	100
cis-1,2-Dichloroethene	ND		ug/kg	96	14.	100
Styrene	ND		ug/kg	190	39.	100
Dichlorodifluoromethane	ND		ug/kg	960	18.	100
Acetone	ND		ug/kg	960	100	100
Carbon disulfide	ND		ug/kg	960	110	100
2-Butanone	ND		ug/kg	960	26.	100
4-Methyl-2-pentanone	ND		ug/kg	960	24.	100
2-Hexanone	ND		ug/kg	960	64.	100
Bromochloromethane	ND		ug/kg	480	27.	100
1,2-Dibromoethane	ND		ug/kg	390	17.	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	480	38.	100
Isopropylbenzene	320		ug/kg	96	10.	100
1,2,3-Trichlorobenzene	ND		ug/kg	480	14.	100
1,2,4-Trichlorobenzene	ND		ug/kg	480	18.	100
Methyl Acetate	ND		ug/kg	1900	26.	100
Cyclohexane	170	J	ug/kg	1900	14.	100
1,4-Dioxane	ND		ug/kg	9600	1400	100
Freon-113	ND		ug/kg	1900	26.	100
Methyl cyclohexane	680		ug/kg	390	15.	100

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-36 D
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	70000	J	ug/kg			100
Pentane, 2,3,4-trimethyl-	5200	NJ	ug/kg			100
Unknown Alkane	8000	J	ug/kg			100
Unknown Alkane	4600	J	ug/kg			100
Unknown	3400	J	ug/kg			100
Unknown Benzene	8400	J	ug/kg			100
Unknown	7600	J	ug/kg			100
Unknown Benzene	5900	J	ug/kg			100
Unknown Benzene	5600	J	ug/kg			100
Indan, 1-methyl-	14000	NJ	ug/kg			100
Unknown Aromatic	7600	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-37 D
 Client ID: P1-2 (3-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 19:30
 Analyst: MV
 Percent Solids: 82%

Date Collected: 06/29/16 14:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	350	J	ug/kg	3000	340	250
1,1-Dichloroethane	ND		ug/kg	460	26.	250
Chloroform	ND		ug/kg	460	110	250
Carbon tetrachloride	ND		ug/kg	300	64.	250
1,2-Dichloropropane	ND		ug/kg	1100	69.	250
Dibromochloromethane	ND		ug/kg	300	47.	250
1,1,2-Trichloroethane	ND		ug/kg	460	92.	250
Tetrachloroethene	ND		ug/kg	300	43.	250
Chlorobenzene	ND		ug/kg	300	100	250
Trichlorofluoromethane	ND		ug/kg	1500	120	250
1,2-Dichloroethane	ND		ug/kg	300	34.	250
1,1,1-Trichloroethane	ND		ug/kg	300	34.	250
Bromodichloromethane	ND		ug/kg	300	53.	250
trans-1,3-Dichloropropene	ND		ug/kg	300	37.	250
cis-1,3-Dichloropropene	ND		ug/kg	300	36.	250
Bromoform	ND		ug/kg	1200	72.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	300	31.	250
Benzene	2300		ug/kg	300	36.	250
Toluene	1900		ug/kg	460	59.	250
Ethylbenzene	3500		ug/kg	300	39.	250
Chloromethane	ND		ug/kg	1500	90.	250
Bromomethane	ND		ug/kg	610	100	250
Vinyl chloride	ND		ug/kg	610	36.	250
Chloroethane	ND		ug/kg	610	96.	250
1,1-Dichloroethene	ND		ug/kg	300	80.	250
trans-1,2-Dichloroethene	ND		ug/kg	460	64.	250
Trichloroethene	ND		ug/kg	300	38.	250
1,2-Dichlorobenzene	ND		ug/kg	1500	47.	250
1,3-Dichlorobenzene	ND		ug/kg	1500	41.	250
1,4-Dichlorobenzene	ND		ug/kg	1500	42.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-37 D
Client ID: P1-2 (3-4)
Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 14:20
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	610	26.	250
p/m-Xylene	4200		ug/kg	610	60.	250
o-Xylene	ND		ug/kg	610	52.	250
cis-1,2-Dichloroethene	ND		ug/kg	300	43.	250
Styrene	ND		ug/kg	610	120	250
Dichlorodifluoromethane	ND		ug/kg	3000	58.	250
Acetone	ND		ug/kg	3000	320	250
Carbon disulfide	ND		ug/kg	3000	340	250
2-Butanone	ND		ug/kg	3000	83.	250
4-Methyl-2-pentanone	ND		ug/kg	3000	74.	250
2-Hexanone	ND		ug/kg	3000	200	250
Bromochloromethane	ND		ug/kg	1500	84.	250
1,2-Dibromoethane	ND		ug/kg	1200	53.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	1500	120	250
Isopropylbenzene	840		ug/kg	300	32.	250
1,2,3-Trichlorobenzene	ND		ug/kg	1500	45.	250
1,2,4-Trichlorobenzene	ND		ug/kg	1500	55.	250
Methyl Acetate	ND		ug/kg	6100	82.	250
Cyclohexane	ND		ug/kg	6100	44.	250
1,4-Dioxane	ND		ug/kg	30000	4400	250
Freon-113	ND		ug/kg	6100	83.	250
Methyl cyclohexane	3800		ug/kg	1200	47.	250

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-37 D

Date Collected: 06/29/16 14:20

Client ID: P1-2 (3-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	440000	J	ug/kg			250
Pentane, 2,3,4-trimethyl-	30000	NJ	ug/kg			250
Unknown Alkane	36000	J	ug/kg			250
Unknown Cyclohexane	49000	J	ug/kg			250
Unknown	36000	J	ug/kg			250
Unknown Cyclohexane	50000	J	ug/kg			250
Unknown	74000	J	ug/kg			250
Unknown	52000	J	ug/kg			250
Unknown	43000	J	ug/kg			250
Unknown Naphthalene	38000	J	ug/kg			250
Unknown	35000	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	131	Q	70-130
4-Bromofluorobenzene	208	Q	70-130
Dibromofluoromethane	103		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-38 D
 Client ID: P1-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 19:56
 Analyst: MV
 Percent Solids: 72%

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14000	1600	1250
1,1-Dichloroethane	ND		ug/kg	2100	120	1250
Chloroform	ND		ug/kg	2100	520	1250
Carbon tetrachloride	ND		ug/kg	1400	300	1250
1,2-Dichloropropane	ND		ug/kg	4900	320	1250
Dibromochloromethane	ND		ug/kg	1400	220	1250
1,1,2-Trichloroethane	ND		ug/kg	2100	430	1250
Tetrachloroethene	ND		ug/kg	1400	200	1250
Chlorobenzene	ND		ug/kg	1400	490	1250
Trichlorofluoromethane	ND		ug/kg	7000	550	1250
1,2-Dichloroethane	ND		ug/kg	1400	160	1250
1,1,1-Trichloroethane	ND		ug/kg	1400	160	1250
Bromodichloromethane	ND		ug/kg	1400	240	1250
trans-1,3-Dichloropropene	ND		ug/kg	1400	170	1250
cis-1,3-Dichloropropene	ND		ug/kg	1400	160	1250
Bromoform	ND		ug/kg	5600	330	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	1400	140	1250
Benzene	740	J	ug/kg	1400	170	1250
Toluene	440	J	ug/kg	2100	270	1250
Ethylbenzene	ND		ug/kg	1400	180	1250
Chloromethane	ND		ug/kg	7000	410	1250
Bromomethane	ND		ug/kg	2800	480	1250
Vinyl chloride	ND		ug/kg	2800	160	1250
Chloroethane	ND		ug/kg	2800	440	1250
1,1-Dichloroethene	ND		ug/kg	1400	370	1250
trans-1,2-Dichloroethene	ND		ug/kg	2100	300	1250
Trichloroethene	ND		ug/kg	1400	180	1250
1,2-Dichlorobenzene	ND		ug/kg	7000	220	1250
1,3-Dichlorobenzene	ND		ug/kg	7000	190	1250
1,4-Dichlorobenzene	ND		ug/kg	7000	190	1250

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-38 D

Date Collected: 06/30/16 08:30

Client ID: P1-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2800	120	1250
p/m-Xylene	18000		ug/kg	2800	280	1250
o-Xylene	ND		ug/kg	2800	240	1250
cis-1,2-Dichloroethene	ND		ug/kg	1400	200	1250
Styrene	ND		ug/kg	2800	560	1250
Dichlorodifluoromethane	ND		ug/kg	14000	270	1250
Acetone	ND		ug/kg	14000	1400	1250
Carbon disulfide	ND		ug/kg	14000	1600	1250
2-Butanone	ND		ug/kg	14000	380	1250
4-Methyl-2-pentanone	ND		ug/kg	14000	340	1250
2-Hexanone	ND		ug/kg	14000	940	1250
Bromochloromethane	ND		ug/kg	7000	390	1250
1,2-Dibromoethane	ND		ug/kg	5600	240	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	7000	560	1250
Isopropylbenzene	6700		ug/kg	1400	150	1250
1,2,3-Trichlorobenzene	ND		ug/kg	7000	210	1250
1,2,4-Trichlorobenzene	ND		ug/kg	7000	260	1250
Methyl Acetate	ND		ug/kg	28000	380	1250
Cyclohexane	36000		ug/kg	28000	200	1250
1,4-Dioxane	ND		ug/kg	140000	20000	1250
Freon-113	ND		ug/kg	28000	380	1250
Methyl cyclohexane	150000		ug/kg	5600	220	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-38 D
 Client ID: P1-1 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	410000	J	ug/kg			1250
Unknown Cycloalkane	28000	J	ug/kg			1250
Unknown Alkane	92000	J	ug/kg			1250
Heptane, 3-methyl-	32000	NJ	ug/kg			1250
Unknown Cyclohexane	68000	J	ug/kg			1250
Cyclohexane, ethyl-	17000	NJ	ug/kg			1250
Unknown	16000	J	ug/kg			1250
Unknown Benzene	37000	J	ug/kg			1250
Unknown Benzene	44000	J	ug/kg			1250
Unknown Benzene	37000	J	ug/kg			1250
Unknown Benzene	40000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-39 D
 Client ID: P1-1 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 22:55
 Analyst: CBN
 Percent Solids: 54%

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7800	860	500
1,1-Dichloroethane	ND		ug/kg	1200	67.	500
Chloroform	ND		ug/kg	1200	290	500
Carbon tetrachloride	ND		ug/kg	780	160	500
1,2-Dichloropropane	ND		ug/kg	2700	180	500
Dibromochloromethane	ND		ug/kg	780	120	500
1,1,2-Trichloroethane	ND		ug/kg	1200	240	500
Tetrachloroethene	ND		ug/kg	780	110	500
Chlorobenzene	ND		ug/kg	780	270	500
Trichlorofluoromethane	ND		ug/kg	3900	300	500
1,2-Dichloroethane	ND		ug/kg	780	88.	500
1,1,1-Trichloroethane	ND		ug/kg	780	86.	500
Bromodichloromethane	ND		ug/kg	780	140	500
trans-1,3-Dichloropropene	ND		ug/kg	780	94.	500
cis-1,3-Dichloropropene	ND		ug/kg	780	92.	500
Bromoform	ND		ug/kg	3100	180	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	780	79.	500
Benzene	540	J	ug/kg	780	92.	500
Toluene	160	J	ug/kg	1200	150	500
Ethylbenzene	200	J	ug/kg	780	99.	500
Chloromethane	ND		ug/kg	3900	230	500
Bromomethane	ND		ug/kg	1600	260	500
Vinyl chloride	ND		ug/kg	1600	92.	500
Chloroethane	ND		ug/kg	1600	250	500
1,1-Dichloroethene	ND		ug/kg	780	200	500
trans-1,2-Dichloroethene	ND		ug/kg	1200	160	500
Trichloroethene	ND		ug/kg	780	98.	500
1,2-Dichlorobenzene	ND		ug/kg	3900	120	500
1,3-Dichlorobenzene	ND		ug/kg	3900	100	500
1,4-Dichlorobenzene	ND		ug/kg	3900	110	500

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-39 D

Date Collected: 06/30/16 08:30

Client ID: P1-1 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1600	66.	500
p/m-Xylene	1900		ug/kg	1600	150	500
o-Xylene	ND		ug/kg	1600	130	500
cis-1,2-Dichloroethene	ND		ug/kg	780	110	500
Styrene	ND		ug/kg	1600	310	500
Dichlorodifluoromethane	ND		ug/kg	7800	150	500
Acetone	ND		ug/kg	7800	810	500
Carbon disulfide	ND		ug/kg	7800	860	500
2-Butanone	ND		ug/kg	7800	210	500
4-Methyl-2-pentanone	ND		ug/kg	7800	190	500
2-Hexanone	ND		ug/kg	7800	520	500
Bromochloromethane	ND		ug/kg	3900	220	500
1,2-Dibromoethane	ND		ug/kg	3100	140	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	3900	310	500
Isopropylbenzene	2800		ug/kg	780	81.	500
1,2,3-Trichlorobenzene	ND		ug/kg	3900	120	500
1,2,4-Trichlorobenzene	ND		ug/kg	3900	140	500
Methyl Acetate	ND		ug/kg	16000	210	500
Cyclohexane	18000		ug/kg	16000	110	500
1,4-Dioxane	ND		ug/kg	78000	11000	500
Freon-113	ND		ug/kg	16000	210	500
Methyl cyclohexane	48000		ug/kg	3100	120	500

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-39 D
 Client ID: P1-1 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	120000	J	ug/kg			500
Unknown	22000	J	ug/kg			500
Unknown	10000	J	ug/kg			500
Cyclohexane, ethyl-	6400	NJ	ug/kg			500
Unknown Benzene	10000	J	ug/kg			500
Unknown Benzene	14000	J	ug/kg			500
Unknown Benzene	12000	J	ug/kg			500
Unknown Aromatic	10000	J	ug/kg			500
Unknown Benzene	15000	J	ug/kg			500
Unknown Benzene	8000	J	ug/kg			500
Unknown Aromatic	8700	J	ug/kg			500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	87		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-40 D
 Client ID: P2-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 12:30
 Analyst: MV
 Percent Solids: 60%

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	17000	1800	1000
1,1-Dichloroethane	ND		ug/kg	2500	140	1000
Chloroform	ND		ug/kg	2500	620	1000
Carbon tetrachloride	ND		ug/kg	1700	350	1000
1,2-Dichloropropane	ND		ug/kg	5900	380	1000
Dibromochloromethane	ND		ug/kg	1700	260	1000
1,1,2-Trichloroethane	ND		ug/kg	2500	510	1000
Tetrachloroethene	ND		ug/kg	1700	240	1000
Chlorobenzene	ND		ug/kg	1700	580	1000
Trichlorofluoromethane	ND		ug/kg	8400	650	1000
1,2-Dichloroethane	ND		ug/kg	1700	190	1000
1,1,1-Trichloroethane	ND		ug/kg	1700	180	1000
Bromodichloromethane	ND		ug/kg	1700	290	1000
trans-1,3-Dichloropropene	ND		ug/kg	1700	200	1000
cis-1,3-Dichloropropene	ND		ug/kg	1700	200	1000
Bromoform	ND		ug/kg	6700	400	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	1700	170	1000
Benzene	1300	J	ug/kg	1700	200	1000
Toluene	540	J	ug/kg	2500	330	1000
Ethylbenzene	2600		ug/kg	1700	210	1000
Chloromethane	ND		ug/kg	8400	490	1000
Bromomethane	ND		ug/kg	3400	570	1000
Vinyl chloride	ND		ug/kg	3400	200	1000
Chloroethane	ND		ug/kg	3400	530	1000
1,1-Dichloroethene	ND		ug/kg	1700	440	1000
trans-1,2-Dichloroethene	ND		ug/kg	2500	360	1000
Trichloroethene	ND		ug/kg	1700	210	1000
1,2-Dichlorobenzene	ND		ug/kg	8400	260	1000
1,3-Dichlorobenzene	ND		ug/kg	8400	230	1000
1,4-Dichlorobenzene	ND		ug/kg	8400	230	1000

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-40 D

Date Collected: 06/30/16 08:40

Client ID: P2-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3400	140	1000
p/m-Xylene	63000		ug/kg	3400	330	1000
o-Xylene	2200	J	ug/kg	3400	290	1000
cis-1,2-Dichloroethene	ND		ug/kg	1700	240	1000
Styrene	ND		ug/kg	3400	670	1000
Dichlorodifluoromethane	ND		ug/kg	17000	320	1000
Acetone	ND		ug/kg	17000	1700	1000
Carbon disulfide	ND		ug/kg	17000	1800	1000
2-Butanone	ND		ug/kg	17000	460	1000
4-Methyl-2-pentanone	ND		ug/kg	17000	410	1000
2-Hexanone	ND		ug/kg	17000	1100	1000
Bromochloromethane	ND		ug/kg	8400	460	1000
1,2-Dibromoethane	ND		ug/kg	6700	290	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	8400	660	1000
Isopropylbenzene	7700		ug/kg	1700	170	1000
1,2,3-Trichlorobenzene	ND		ug/kg	8400	250	1000
1,2,4-Trichlorobenzene	ND		ug/kg	8400	300	1000
Methyl Acetate	ND		ug/kg	34000	450	1000
Cyclohexane	68000		ug/kg	34000	240	1000
1,4-Dioxane	ND		ug/kg	170000	24000	1000
Freon-113	ND		ug/kg	34000	460	1000
Methyl cyclohexane	160000		ug/kg	6700	260	1000

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-40 D
 Client ID: P2-1 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	560000	J	ug/kg			1000
Pentane, 2-methyl-	50000	NJ	ug/kg			1000
Cyclopentane, Methyl-	59000	NJ	ug/kg			1000
Unknown Alkane	100000	J	ug/kg			1000
Unknown	50000	J	ug/kg			1000
Unknown Cyclohexane	58000	J	ug/kg			1000
Unknown Benzene	46000	J	ug/kg			1000
Unknown Benzene	55000	J	ug/kg			1000
Unknown Benzene	44000	J	ug/kg			1000
Unknown Benzene	52000	J	ug/kg			1000
Unknown Aromatic	45000	J	ug/kg			1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	89		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-41 D
 Client ID: P2-1 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 23:20
 Analyst: PP
 Percent Solids: 52%

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	900	100	50
1,1-Dichloroethane	ND		ug/kg	140	7.7	50
Chloroform	ND		ug/kg	140	33.	50
Carbon tetrachloride	ND		ug/kg	90	19.	50
1,2-Dichloropropane	ND		ug/kg	320	20.	50
Dibromochloromethane	ND		ug/kg	90	14.	50
1,1,2-Trichloroethane	ND		ug/kg	140	27.	50
Tetrachloroethene	ND		ug/kg	90	13.	50
Chlorobenzene	ND		ug/kg	90	31.	50
Trichlorofluoromethane	ND		ug/kg	450	35.	50
1,2-Dichloroethane	ND		ug/kg	90	10.	50
1,1,1-Trichloroethane	ND		ug/kg	90	10.	50
Bromodichloromethane	ND		ug/kg	90	16.	50
trans-1,3-Dichloropropene	ND		ug/kg	90	11.	50
cis-1,3-Dichloropropene	ND		ug/kg	90	11.	50
Bromoform	ND		ug/kg	360	21.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	90	9.1	50
Benzene	70	J	ug/kg	90	11.	50
Toluene	ND		ug/kg	140	18.	50
Ethylbenzene	86	J	ug/kg	90	11.	50
Chloromethane	ND		ug/kg	450	26.	50
Bromomethane	ND		ug/kg	180	30.	50
Vinyl chloride	ND		ug/kg	180	10.	50
Chloroethane	ND		ug/kg	180	28.	50
1,1-Dichloroethene	ND		ug/kg	90	24.	50
trans-1,2-Dichloroethene	ND		ug/kg	140	19.	50
Trichloroethene	ND		ug/kg	90	11.	50
1,2-Dichlorobenzene	ND		ug/kg	450	14.	50
1,3-Dichlorobenzene	ND		ug/kg	450	12.	50
1,4-Dichlorobenzene	ND		ug/kg	450	12.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-41 D
Client ID: P2-1 (8-10)
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:40
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	180	7.6	50
p/m-Xylene	1100		ug/kg	180	18.	50
o-Xylene	25	J	ug/kg	180	15.	50
cis-1,2-Dichloroethene	ND		ug/kg	90	13.	50
Styrene	ND		ug/kg	180	36.	50
Dichlorodifluoromethane	ND		ug/kg	900	17.	50
Acetone	ND		ug/kg	900	93.	50
Carbon disulfide	ND		ug/kg	900	99.	50
2-Butanone	ND		ug/kg	900	24.	50
4-Methyl-2-pentanone	ND		ug/kg	900	22.	50
2-Hexanone	ND		ug/kg	900	60.	50
Bromochloromethane	ND		ug/kg	450	25.	50
1,2-Dibromoethane	ND		ug/kg	360	16.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	450	36.	50
Isopropylbenzene	440		ug/kg	90	9.4	50
1,2,3-Trichlorobenzene	ND		ug/kg	450	13.	50
1,2,4-Trichlorobenzene	ND		ug/kg	450	16.	50
Methyl Acetate	ND		ug/kg	1800	24.	50
Cyclohexane	1700	J	ug/kg	1800	13.	50
1,4-Dioxane	ND		ug/kg	9000	1300	50
Freon-113	ND		ug/kg	1800	25.	50
Methyl cyclohexane	4100		ug/kg	360	14.	50

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-41 D
 Client ID: P2-1 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	15000	J	ug/kg			50
Unknown	1900	J	ug/kg			50
Unknown	1300	J	ug/kg			50
Unknown Cyclohexane	1600	J	ug/kg			50
Unknown Benzene	2500	J	ug/kg			50
Unknown Benzene	1400	J	ug/kg			50
Unknown Benzene	1200	J	ug/kg			50
Unknown Benzene	1600	J	ug/kg			50
Unknown	1100	J	ug/kg			50
Unknown Benzene	1400	J	ug/kg			50
Unknown	1200	J	ug/kg			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	85		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-42
Client ID: P2-2 (4-8)
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/12/16 13:25
Analyst: MV
Percent Solids: 75%

Date Collected: 06/30/16 09:05
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.14	1
Benzene	0.48	J	ug/kg	1.3	0.16	1
Toluene	0.85	J	ug/kg	2.0	0.26	1
Ethylbenzene	0.59	J	ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.7	0.39	1
Bromomethane	ND		ug/kg	2.7	0.45	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.18	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-42
Client ID: P2-2 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:05
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	0.14	J	ug/kg	2.7	0.11	1
p/m-Xylene	1.6	J	ug/kg	2.7	0.26	1
o-Xylene	0.49	J	ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	13	0.26	1
Acetone	24		ug/kg	13	1.4	1
Carbon disulfide	4.6	J	ug/kg	13	1.5	1
2-Butanone	6.0	J	ug/kg	13	0.36	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.33	1
2-Hexanone	ND		ug/kg	13	0.89	1
Bromochloromethane	ND		ug/kg	6.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	0.53	1
Isopropylbenzene	0.42	J	ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	0.24	1
Methyl Acetate	ND		ug/kg	27	0.36	1
Cyclohexane	0.43	J	ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	27	0.37	1
Methyl cyclohexane	1.5	J	ug/kg	5.4	0.21	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-42
 Client ID: P2-2 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	390	J	ug/kg			1
Unknown	22	J	ug/kg			1
Unknown	41	J	ug/kg			1
Unknown	23	J	ug/kg			1
Unknown	27	J	ug/kg			1
Unknown	24	J	ug/kg			1
Unknown	33	J	ug/kg			1
Unknown	95	J	ug/kg			1
Unknown Alkane	43	J	ug/kg			1
Unknown	39	J	ug/kg			1
Unknown	46	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	86		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-43
 Client ID: P2-2 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 13:53
 Analyst: MV
 Percent Solids: 65%

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	1.5		ug/kg	1.4	0.16	1
Toluene	2.2		ug/kg	2.1	0.27	1
Ethylbenzene	2.7		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-43
Client ID: P2-2 (8-10)
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:05
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	1.0	J	ug/kg	2.8	0.12	1
p/m-Xylene	11		ug/kg	2.8	0.28	1
o-Xylene	5.0		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.27	1
Acetone	17		ug/kg	14	1.4	1
Carbon disulfide	2.4	J	ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.38	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
2-Hexanone	ND		ug/kg	14	0.93	1
Bromochloromethane	ND		ug/kg	7.0	0.39	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.55	1
Isopropylbenzene	3.2		ug/kg	1.4	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.25	1
Methyl Acetate	ND		ug/kg	28	0.38	1
Cyclohexane	7.2	J	ug/kg	28	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	28	0.38	1
Methyl cyclohexane	16		ug/kg	5.6	0.22	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-43
 Client ID: P2-2 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	770	J	ug/kg			1
Unknown Aromatic	50	J	ug/kg			1
Unknown Benzene	27	J	ug/kg			1
Tridecane, 7-methyl-	46	NJ	ug/kg			1
Unknown	36	J	ug/kg			1
Unknown Aromatic	250	J	ug/kg			1
Pentadecane, 7-methyl-	51	NJ	ug/kg			1
Unknown Aromatic	63	J	ug/kg			1
Unknown	100	J	ug/kg			1
Unknown Naphthalene	39	J	ug/kg			1
Unknown Naphthalene	110	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	78		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-44
 Client ID: P2-3 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 14:21
 Analyst: MV
 Percent Solids: 44%

Date Collected: 06/30/16 09:25
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	21	2.3	1
1,1-Dichloroethane	ND		ug/kg	3.2	0.18	1
Chloroform	ND		ug/kg	3.2	0.78	1
Carbon tetrachloride	ND		ug/kg	2.1	0.44	1
1,2-Dichloropropane	ND		ug/kg	7.4	0.48	1
Dibromochloromethane	ND		ug/kg	2.1	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	3.2	0.64	1
Tetrachloroethene	ND		ug/kg	2.1	0.30	1
Chlorobenzene	ND		ug/kg	2.1	0.74	1
Trichlorofluoromethane	ND		ug/kg	10	0.82	1
1,2-Dichloroethane	ND		ug/kg	2.1	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	2.1	0.23	1
Bromodichloromethane	ND		ug/kg	2.1	0.37	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	2.1	0.25	1
Bromoform	ND		ug/kg	8.4	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	0.21	1
Benzene	120		ug/kg	2.1	0.25	1
Toluene	1.1	J	ug/kg	3.2	0.41	1
Ethylbenzene	1.2	J	ug/kg	2.1	0.27	1
Chloromethane	ND		ug/kg	10	0.62	1
Bromomethane	ND		ug/kg	4.2	0.71	1
Vinyl chloride	ND		ug/kg	4.2	0.25	1
Chloroethane	ND		ug/kg	4.2	0.67	1
1,1-Dichloroethene	ND		ug/kg	2.1	0.55	1
trans-1,2-Dichloroethene	ND		ug/kg	3.2	0.45	1
Trichloroethene	ND		ug/kg	2.1	0.26	1
1,2-Dichlorobenzene	ND		ug/kg	10	0.32	1
1,3-Dichlorobenzene	ND		ug/kg	10	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	10	0.29	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-44
Client ID: P2-3 (8-10)
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:25
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	3.3	J	ug/kg	4.2	0.18	1
p/m-Xylene	7.9		ug/kg	4.2	0.42	1
o-Xylene	0.79	J	ug/kg	4.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Styrene	ND		ug/kg	4.2	0.85	1
Dichlorodifluoromethane	ND		ug/kg	21	0.40	1
Acetone	36		ug/kg	21	2.2	1
Carbon disulfide	ND		ug/kg	21	2.3	1
2-Butanone	ND		ug/kg	21	0.58	1
4-Methyl-2-pentanone	ND		ug/kg	21	0.52	1
2-Hexanone	ND		ug/kg	21	1.4	1
Bromochloromethane	ND		ug/kg	10	0.58	1
1,2-Dibromoethane	ND		ug/kg	8.4	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	10	0.84	1
Isopropylbenzene	59		ug/kg	2.1	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	10	0.38	1
Methyl Acetate	ND		ug/kg	42	0.57	1
Cyclohexane	120		ug/kg	42	0.31	1
1,4-Dioxane	ND		ug/kg	210	30.	1
Freon-113	ND		ug/kg	42	0.58	1
Methyl cyclohexane	35		ug/kg	8.4	0.33	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-44
 Client ID: P2-3 (8-10)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:25
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	320	J	ug/kg			1
Butane, 2-Methyl-	56	NJ	ug/kg			1
Pentane, 2-methyl-	38	NJ	ug/kg			1
Pentane, 3-methyl-	25	NJ	ug/kg			1
Cyclopentane, Methyl-	48	NJ	ug/kg			1
Unknown Cycloalkane	38	J	ug/kg			1
Unknown Benzene	36	J	ug/kg			1
Unknown Benzene	18	J	ug/kg			1
Unknown Benzene	22	J	ug/kg			1
Unknown Aromatic	22	J	ug/kg			1
Unknown Benzene	21	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	91		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-45 D2
 Client ID: DUP01
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/13/16 00:12
 Analyst: PP
 Percent Solids: 49%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Methyl cyclohexane	42000		ug/kg	720	28.	100
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	81		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-45 D
 Client ID: DUP01
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 16:38
 Analyst: MV
 Percent Solids: 49%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	900	100	50
1,1-Dichloroethane	ND		ug/kg	140	7.8	50
Chloroform	ND		ug/kg	140	34.	50
Carbon tetrachloride	ND		ug/kg	90	19.	50
1,2-Dichloropropane	ND		ug/kg	320	21.	50
Dibromochloromethane	ND		ug/kg	90	14.	50
1,1,2-Trichloroethane	ND		ug/kg	140	28.	50
Tetrachloroethene	ND		ug/kg	90	13.	50
Chlorobenzene	ND		ug/kg	90	32.	50
Trichlorofluoromethane	ND		ug/kg	450	35.	50
1,2-Dichloroethane	ND		ug/kg	90	10.	50
1,1,1-Trichloroethane	ND		ug/kg	90	10.	50
Bromodichloromethane	ND		ug/kg	90	16.	50
trans-1,3-Dichloropropene	ND		ug/kg	90	11.	50
cis-1,3-Dichloropropene	ND		ug/kg	90	11.	50
Bromoform	ND		ug/kg	360	21.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	90	9.1	50
Benzene	45	J	ug/kg	90	11.	50
Toluene	ND		ug/kg	140	18.	50
Ethylbenzene	2800		ug/kg	90	12.	50
Chloromethane	ND		ug/kg	450	27.	50
Bromomethane	ND		ug/kg	180	31.	50
Vinyl chloride	ND		ug/kg	180	11.	50
Chloroethane	ND		ug/kg	180	29.	50
1,1-Dichloroethene	ND		ug/kg	90	24.	50
trans-1,2-Dichloroethene	ND		ug/kg	140	19.	50
Trichloroethene	ND		ug/kg	90	11.	50
1,2-Dichlorobenzene	ND		ug/kg	450	14.	50
1,3-Dichlorobenzene	ND		ug/kg	450	12.	50
1,4-Dichlorobenzene	ND		ug/kg	450	12.	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-45 D

Date Collected: 06/29/16 12:00

Client ID: DUP01

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	180	7.6	50
p/m-Xylene	6700		ug/kg	180	18.	50
o-Xylene	220		ug/kg	180	16.	50
cis-1,2-Dichloroethene	ND		ug/kg	90	13.	50
Styrene	ND		ug/kg	180	36.	50
Dichlorodifluoromethane	ND		ug/kg	900	17.	50
Acetone	180	J	ug/kg	900	94.	50
Carbon disulfide	ND		ug/kg	900	100	50
2-Butanone	ND		ug/kg	900	25.	50
4-Methyl-2-pentanone	ND		ug/kg	900	22.	50
2-Hexanone	ND		ug/kg	900	60.	50
Bromochloromethane	ND		ug/kg	450	25.	50
1,2-Dibromoethane	ND		ug/kg	360	16.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	450	36.	50
Isopropylbenzene	1600		ug/kg	90	9.4	50
1,2,3-Trichlorobenzene	ND		ug/kg	450	13.	50
1,2,4-Trichlorobenzene	ND		ug/kg	450	16.	50
Methyl Acetate	ND		ug/kg	1800	24.	50
Cyclohexane	8600		ug/kg	1800	13.	50
1,4-Dioxane	ND		ug/kg	9000	1300	50
Freon-113	ND		ug/kg	1800	25.	50
Methyl cyclohexane	34000	E	ug/kg	360	14.	50

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-45 D

Date Collected: 06/29/16 12:00

Client ID: DUP01

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Tentatively Identified Compounds

Total TIC Compounds	130000	J	ug/kg	50
Unknown Alkane	15000	J	ug/kg	50
Unknown Cyclohexane	13000	J	ug/kg	50
Cyclohexane, propyl-	3500	NJ	ug/kg	50
Unknown	12000	J	ug/kg	50
Unknown Benzene	17000	J	ug/kg	50
Unknown Benzene	14000	J	ug/kg	50
Unknown Aromatic	11000	J	ug/kg	50
Unknown Benzene	18000	J	ug/kg	50
Unknown	17000	J	ug/kg	50
Unknown	13000	J	ug/kg	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	83		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-46 D
 Client ID: DUP02
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 17:06
 Analyst: MV
 Percent Solids: 59%

Date Collected: 06/30/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3900	430	250
1,1-Dichloroethane	ND		ug/kg	590	34.	250
Chloroform	ND		ug/kg	590	140	250
Carbon tetrachloride	ND		ug/kg	390	82.	250
1,2-Dichloropropane	ND		ug/kg	1400	90.	250
Dibromochloromethane	ND		ug/kg	390	60.	250
1,1,2-Trichloroethane	ND		ug/kg	590	120	250
Tetrachloroethene	ND		ug/kg	390	55.	250
Chlorobenzene	ND		ug/kg	390	140	250
Trichlorofluoromethane	ND		ug/kg	2000	150	250
1,2-Dichloroethane	ND		ug/kg	390	44.	250
1,1,1-Trichloroethane	ND		ug/kg	390	44.	250
Bromodichloromethane	ND		ug/kg	390	68.	250
trans-1,3-Dichloropropene	ND		ug/kg	390	47.	250
cis-1,3-Dichloropropene	ND		ug/kg	390	46.	250
Bromoform	ND		ug/kg	1600	93.	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	390	40.	250
Benzene	470		ug/kg	390	46.	250
Toluene	140	J	ug/kg	590	76.	250
Ethylbenzene	150	J	ug/kg	390	50.	250
Chloromethane	ND		ug/kg	2000	120	250
Bromomethane	ND		ug/kg	790	130	250
Vinyl chloride	ND		ug/kg	790	46.	250
Chloroethane	ND		ug/kg	790	120	250
1,1-Dichloroethene	ND		ug/kg	390	100	250
trans-1,2-Dichloroethene	ND		ug/kg	590	83.	250
Trichloroethene	ND		ug/kg	390	49.	250
1,2-Dichlorobenzene	ND		ug/kg	2000	60.	250
1,3-Dichlorobenzene	ND		ug/kg	2000	53.	250
1,4-Dichlorobenzene	ND		ug/kg	2000	54.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-46 D
Client ID: DUP02
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 12:00
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	790	33.	250
p/m-Xylene	3100		ug/kg	790	78.	250
o-Xylene	ND		ug/kg	790	68.	250
cis-1,2-Dichloroethene	ND		ug/kg	390	56.	250
Styrene	ND		ug/kg	790	160	250
Dichlorodifluoromethane	ND		ug/kg	3900	75.	250
Acetone	ND		ug/kg	3900	410	250
Carbon disulfide	ND		ug/kg	3900	430	250
2-Butanone	ND		ug/kg	3900	110	250
4-Methyl-2-pentanone	ND		ug/kg	3900	96.	250
2-Hexanone	ND		ug/kg	3900	260	250
Bromochloromethane	ND		ug/kg	2000	110	250
1,2-Dibromoethane	ND		ug/kg	1600	68.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	2000	160	250
Isopropylbenzene	970		ug/kg	390	41.	250
1,2,3-Trichlorobenzene	ND		ug/kg	2000	58.	250
1,2,4-Trichlorobenzene	ND		ug/kg	2000	71.	250
Methyl Acetate	ND		ug/kg	7900	110	250
Cyclohexane	1300	J	ug/kg	7900	57.	250
1,4-Dioxane	ND		ug/kg	39000	5700	250
Freon-113	ND		ug/kg	7900	110	250
Methyl cyclohexane	3700		ug/kg	1600	61.	250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-46 D
 Client ID: DUP02
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	32000	J	ug/kg			250
Unknown Benzene	5000	J	ug/kg			250
Unknown Benzene	2300	J	ug/kg			250
Unknown Benzene	4400	J	ug/kg			250
Unknown Benzene	4100	J	ug/kg			250
Unknown Aromatic	3100	J	ug/kg			250
Unknown Benzene	4600	J	ug/kg			250
Unknown	2100	J	ug/kg			250
Unknown	2600	J	ug/kg			250
Unknown	2000	J	ug/kg			250
Unknown	2200	J	ug/kg			250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	91		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-47 D
 Client ID: DUP03
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 17:33
 Analyst: MV
 Percent Solids: 55%

Date Collected: 06/30/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	23000	2500	1250
1,1-Dichloroethane	ND		ug/kg	3400	200	1250
Chloroform	ND		ug/kg	3400	840	1250
Carbon tetrachloride	ND		ug/kg	2300	480	1250
1,2-Dichloropropane	ND		ug/kg	8000	520	1250
Dibromochloromethane	ND		ug/kg	2300	350	1250
1,1,2-Trichloroethane	ND		ug/kg	3400	690	1250
Tetrachloroethene	ND		ug/kg	2300	320	1250
Chlorobenzene	ND		ug/kg	2300	800	1250
Trichlorofluoromethane	ND		ug/kg	11000	890	1250
1,2-Dichloroethane	ND		ug/kg	2300	260	1250
1,1,1-Trichloroethane	ND		ug/kg	2300	250	1250
Bromodichloromethane	ND		ug/kg	2300	400	1250
trans-1,3-Dichloropropene	ND		ug/kg	2300	280	1250
cis-1,3-Dichloropropene	ND		ug/kg	2300	270	1250
Bromoform	ND		ug/kg	9100	540	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	2300	230	1250
Benzene	850	J	ug/kg	2300	270	1250
Toluene	ND		ug/kg	3400	440	1250
Ethylbenzene	2300		ug/kg	2300	290	1250
Chloromethane	ND		ug/kg	11000	670	1250
Bromomethane	ND		ug/kg	4600	770	1250
Vinyl chloride	ND		ug/kg	4600	270	1250
Chloroethane	ND		ug/kg	4600	720	1250
1,1-Dichloroethene	ND		ug/kg	2300	600	1250
trans-1,2-Dichloroethene	ND		ug/kg	3400	480	1250
Trichloroethene	ND		ug/kg	2300	280	1250
1,2-Dichlorobenzene	ND		ug/kg	11000	350	1250
1,3-Dichlorobenzene	ND		ug/kg	11000	310	1250
1,4-Dichlorobenzene	ND		ug/kg	11000	320	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-47 D
Client ID: DUP03
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 13:00
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	4600	190	1250
p/m-Xylene	56000		ug/kg	4600	450	1250
o-Xylene	1800	J	ug/kg	4600	390	1250
cis-1,2-Dichloroethene	ND		ug/kg	2300	330	1250
Styrene	ND		ug/kg	4600	920	1250
Dichlorodifluoromethane	ND		ug/kg	23000	440	1250
Acetone	ND		ug/kg	23000	2400	1250
Carbon disulfide	ND		ug/kg	23000	2500	1250
2-Butanone	ND		ug/kg	23000	620	1250
4-Methyl-2-pentanone	ND		ug/kg	23000	560	1250
2-Hexanone	ND		ug/kg	23000	1500	1250
Bromochloromethane	ND		ug/kg	11000	630	1250
1,2-Dibromoethane	ND		ug/kg	9100	400	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	11000	900	1250
Isopropylbenzene	6800		ug/kg	2300	240	1250
1,2,3-Trichlorobenzene	ND		ug/kg	11000	340	1250
1,2,4-Trichlorobenzene	ND		ug/kg	11000	420	1250
Methyl Acetate	ND		ug/kg	46000	620	1250
Cyclohexane	48000		ug/kg	46000	330	1250
1,4-Dioxane	ND		ug/kg	230000	33000	1250
Freon-113	ND		ug/kg	46000	630	1250
Methyl cyclohexane	130000		ug/kg	9100	350	1250

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-47 D
 Client ID: DUP03
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	550000	J	ug/kg			1250
Unknown Alkane	81000	J	ug/kg			1250
Unknown Alkane	53000	J	ug/kg			1250
Unknown Cyclohexane	59000	J	ug/kg			1250
Unknown Benzene	49000	J	ug/kg			1250
Unknown	47000	J	ug/kg			1250
Unknown Benzene	61000	J	ug/kg			1250
Unknown Benzene	48000	J	ug/kg			1250
Unknown Benzene	58000	J	ug/kg			1250
Unknown Aromatic	55000	J	ug/kg			1250
Unknown Benzene	42000	J	ug/kg			1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	88		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-48
 Client ID: P2-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/12/16 18:01
 Analyst: MV
 Percent Solids: 63%

Date Collected: 06/30/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.12	1
Chloroform	ND		ug/kg	2.2	0.54	1
Carbon tetrachloride	ND		ug/kg	1.4	0.30	1
1,2-Dichloropropane	ND		ug/kg	5.1	0.33	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.44	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.3	0.56	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
Bromoform	ND		ug/kg	5.8	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.15	1
Benzene	1.1	J	ug/kg	1.4	0.17	1
Toluene	ND		ug/kg	2.2	0.28	1
Ethylbenzene	0.29	J	ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.3	0.43	1
Bromomethane	ND		ug/kg	2.9	0.49	1
Vinyl chloride	ND		ug/kg	2.9	0.17	1
Chloroethane	ND		ug/kg	2.9	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.31	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.3	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	7.3	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	7.3	0.20	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-48
Client ID: P2-3 (4-8)
Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:15
Date Received: 06/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	0.23	J	ug/kg	2.9	0.12	1
p/m-Xylene	0.52	J	ug/kg	2.9	0.29	1
o-Xylene	ND		ug/kg	2.9	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.21	1
Styrene	ND		ug/kg	2.9	0.58	1
Dichlorodifluoromethane	ND		ug/kg	14	0.28	1
Acetone	75		ug/kg	14	1.5	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	20		ug/kg	14	0.40	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
2-Hexanone	ND		ug/kg	14	0.97	1
Bromochloromethane	ND		ug/kg	7.3	0.40	1
1,2-Dibromoethane	ND		ug/kg	5.8	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.3	0.58	1
Isopropylbenzene	22		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.3	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.3	0.26	1
Methyl Acetate	ND		ug/kg	29	0.39	1
Cyclohexane	1.6	J	ug/kg	29	0.21	1
1,4-Dioxane	ND		ug/kg	140	21.	1
Freon-113	ND		ug/kg	29	0.40	1
Methyl cyclohexane	3.4	J	ug/kg	5.8	0.22	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-48
 Client ID: P2-3 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/30/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Tentatively Identified Compounds						
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Total TIC Compounds	800	J	ug/kg			1
Unknown Benzene	19	J	ug/kg			1
Adamantane	29	NJ	ug/kg			1
Unknown Aromatic	28	J	ug/kg			1
Unknown	35	J	ug/kg			1
Unknown Aromatic	41	J	ug/kg			1
Unknown	23	J	ug/kg			1
Unknown	120	J	ug/kg			1
Benzene, pentamethyl-	280	NJ	ug/kg			1
Unknown	83	J	ug/kg			1
Unknown	140	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	90		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/16 22:22
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08 Batch: WG912617-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/16 22:22
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08 Batch: WG912617-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 07/11/16 22:22

Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08 Batch: WG912617-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/16 15:07
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-24,26-28 Batch: WG912784-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/16 15:07
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-24,26-28 Batch: WG912784-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/11/16 15:07
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-24,26-28 Batch: WG912784-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/16 10:41
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,40,42-48 Batch: WG912970-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 10:41
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,40,42-48 Batch: WG912970-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/16 10:41
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,40,42-48 Batch: WG912970-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 22:29
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,39,41,45 Batch: WG912970-8					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 22:29
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,39,41,45 Batch: WG912970-8					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/16 22:29
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,39,41,45 Batch: WG912970-8					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	88		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 14:50
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-34,36-38 Batch: WG913002-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.55	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/16 14:50
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-34,36-38 Batch: WG913002-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/16 14:50
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-34,36-38 Batch: WG913002-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/13/16 10:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG913105-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.40	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/13/16 10:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG913105-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/13/16 10:45
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG913105-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Methylene chloride	104		104		70-130	0		30
1,1-Dichloroethane	106		107		70-130	1		30
Chloroform	99		99		70-130	0		30
Carbon tetrachloride	110		109		70-130	1		30
1,2-Dichloropropane	102		107		70-130	5		30
Dibromochloromethane	94		95		70-130	1		30
2-Chloroethylvinyl ether	88		88		70-130	0		30
1,1,2-Trichloroethane	98		98		70-130	0		30
Tetrachloroethene	110		113		70-130	3		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	103		100		70-139	3		30
1,2-Dichloroethane	98		98		70-130	0		30
1,1,1-Trichloroethane	107		105		70-130	2		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	97		98		70-130	1		30
1,1-Dichloropropene	104		104		70-130	0		30
Bromoform	91		90		70-130	1		30
1,1,2,2-Tetrachloroethane	84		84		70-130	0		30
Benzene	102		105		70-130	3		30
Toluene	90		90		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Ethylbenzene	101		100		70-130	1		30
Chloromethane	104		108		52-130	4		30
Bromomethane	94		87		57-147	8		30
Vinyl chloride	115		118		67-130	3		30
Chloroethane	101		97		50-151	4		30
1,1-Dichloroethene	112		116		65-135	4		30
trans-1,2-Dichloroethene	107		108		70-130	1		30
Trichloroethene	108		107		70-130	1		30
1,2-Dichlorobenzene	98		99		70-130	1		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	107		107		70-130	0		30
o-Xylene	104		105		70-130	1		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Dibromomethane	99		98		70-130	1		30
Styrene	105		106		70-130	1		30
Dichlorodifluoromethane	88		87		30-146	1		30
Acetone	101		94		54-140	7		30
Carbon disulfide	66		67		59-130	2		30
2-Butanone	109		104		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Vinyl acetate	101		105		70-130	4		30
4-Methyl-2-pentanone	93		93		70-130	0		30
1,2,3-Trichloropropane	86		84		68-130	2		30
2-Hexanone	79		76		70-130	4		30
Bromochloromethane	114		111		70-130	3		30
2,2-Dichloropropane	106		105		70-130	1		30
1,2-Dibromoethane	97		94		70-130	3		30
1,3-Dichloropropane	93		92		69-130	1		30
1,1,1,2-Tetrachloroethane	98		97		70-130	1		30
Bromobenzene	99		97		70-130	2		30
n-Butylbenzene	102		102		70-130	0		30
sec-Butylbenzene	103		105		70-130	2		30
tert-Butylbenzene	99		101		70-130	2		30
o-Chlorotoluene	103		102		70-130	1		30
p-Chlorotoluene	95		94		70-130	1		30
1,2-Dibromo-3-chloropropane	82		84		68-130	2		30
Hexachlorobutadiene	99		101		67-130	2		30
Isopropylbenzene	98		100		70-130	2		30
p-Isopropyltoluene	94		94		70-130	0		30
Naphthalene	78		79		70-130	1		30
Acrylonitrile	109		104		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Isopropyl Ether	115		116		66-130	1		30
tert-Butyl Alcohol	103		100		70-130	3		30
n-Propylbenzene	100		100		70-130	0		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	93		92		70-130	1		30
1,3,5-Trimethylbenzene	99		98		70-130	1		30
1,2,4-Trimethylbenzene	100		99		70-130	1		30
Methyl Acetate	114		113		51-146	1		30
Ethyl Acetate	33	Q	37	Q	70-130	11		30
Acrolein	93		96		70-130	3		30
Cyclohexane	130		132		59-142	2		30
1,4-Dioxane	82		84		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		115		50-139	1		30
p-Diethylbenzene	100		100		70-130	0		30
p-Ethyltoluene	101		101		70-130	0		30
1,2,4,5-Tetramethylbenzene	81		81		70-130	0		30
Tetrahydrofuran	88		93		66-130	6		30
Ethyl ether	100		100		67-130	0		30
trans-1,4-Dichloro-2-butene	96		92		70-130	4		30
Methyl cyclohexane	107		109		70-130	2		30
Ethyl-Tert-Butyl-Ether	110		111		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08 Batch: WG912617-1 WG912617-2								
Tertiary-Amyl Methyl Ether	93		94		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		90		70-130
Toluene-d8	94		95		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Methylene chloride	100		97		70-130	3		30
1,1-Dichloroethane	110		104		70-130	6		30
Chloroform	108		100		70-130	8		30
Carbon tetrachloride	110		101		70-130	9		30
1,2-Dichloropropane	117		109		70-130	7		30
Dibromochloromethane	108		104		70-130	4		30
2-Chloroethylvinyl ether	106		101		70-130	5		30
1,1,2-Trichloroethane	113		111		70-130	2		30
Tetrachloroethene	105		99		70-130	6		30
Chlorobenzene	106		102		70-130	4		30
Trichlorofluoromethane	111		104		70-139	7		30
1,2-Dichloroethane	114		109		70-130	4		30
1,1,1-Trichloroethane	110		104		70-130	6		30
Bromodichloromethane	107		102		70-130	5		30
trans-1,3-Dichloropropene	111		106		70-130	5		30
cis-1,3-Dichloropropene	107		103		70-130	4		30
1,1-Dichloropropene	110		102		70-130	8		30
Bromoform	106		108		70-130	2		30
1,1,2,2-Tetrachloroethane	106		107		70-130	1		30
Benzene	107		101		70-130	6		30
Toluene	104		99		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Ethylbenzene	108		103		70-130	5		30
Chloromethane	123		111		52-130	10		30
Bromomethane	101		102		57-147	1		30
Vinyl chloride	104		97		67-130	7		30
Chloroethane	104		94		50-151	10		30
1,1-Dichloroethene	105		96		65-135	9		30
trans-1,2-Dichloroethene	103		96		70-130	7		30
Trichloroethene	113		108		70-130	5		30
1,2-Dichlorobenzene	107		106		70-130	1		30
1,3-Dichlorobenzene	102		104		70-130	2		30
1,4-Dichlorobenzene	101		104		70-130	3		30
Methyl tert butyl ether	101		99		66-130	2		30
p/m-Xylene	109		104		70-130	5		30
o-Xylene	109		105		70-130	4		30
cis-1,2-Dichloroethene	102		97		70-130	5		30
Dibromomethane	106		105		70-130	1		30
Styrene	107		104		70-130	3		30
Dichlorodifluoromethane	118		106		30-146	11		30
Acetone	117		100		54-140	16		30
Carbon disulfide	111		104		59-130	7		30
2-Butanone	117		108		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Vinyl acetate	122		113		70-130	8		30
4-Methyl-2-pentanone	105		99		70-130	6		30
1,2,3-Trichloropropane	108		108		68-130	0		30
2-Hexanone	119		116		70-130	3		30
Bromochloromethane	110		104		70-130	6		30
2,2-Dichloropropane	112		104		70-130	7		30
1,2-Dibromoethane	105		104		70-130	1		30
1,3-Dichloropropane	101		100		69-130	1		30
1,1,1,2-Tetrachloroethane	104		103		70-130	1		30
Bromobenzene	107		108		70-130	1		30
n-Butylbenzene	110		106		70-130	4		30
sec-Butylbenzene	107		103		70-130	4		30
tert-Butylbenzene	103		104		70-130	1		30
o-Chlorotoluene	109		107		70-130	2		30
p-Chlorotoluene	111		108		70-130	3		30
1,2-Dibromo-3-chloropropane	96		89		68-130	8		30
Hexachlorobutadiene	92		91		67-130	1		30
Isopropylbenzene	108		103		70-130	5		30
p-Isopropyltoluene	103		101		70-130	2		30
Naphthalene	99		96		70-130	3		30
Acrylonitrile	105		108		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Isopropyl Ether	118		112		66-130	5		30
tert-Butyl Alcohol	93		92		70-130	1		30
n-Propylbenzene	109		106		70-130	3		30
1,2,3-Trichlorobenzene	92		91		70-130	1		30
1,2,4-Trichlorobenzene	96		97		70-130	1		30
1,3,5-Trimethylbenzene	110		108		70-130	2		30
1,2,4-Trimethylbenzene	109		107		70-130	2		30
Methyl Acetate	107		108		51-146	1		30
Ethyl Acetate	218	Q	188	Q	70-130	15		30
Acrolein	126		108		70-130	15		30
Cyclohexane	117		103		59-142	13		30
1,4-Dioxane	90		86		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		99		50-139	8		30
p-Diethylbenzene	107		101		70-130	6		30
p-Ethyltoluene	112		104		70-130	7		30
1,2,4,5-Tetramethylbenzene	105		100		70-130	5		30
Tetrahydrofuran	108		131	Q	66-130	19		30
Ethyl ether	98		89		67-130	10		30
trans-1,4-Dichloro-2-butene	118		116		70-130	2		30
Methyl cyclohexane	111		101		70-130	9		30
Ethyl-Tert-Butyl-Ether	108		104		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-24,26-28 Batch: WG912784-1 WG912784-2								
Tertiary-Amyl Methyl Ether	105		100		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		102		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	102		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Methylene chloride	100		103		70-130	3		30
1,1-Dichloroethane	99		101		70-130	2		30
Chloroform	93		95		70-130	2		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	99		104		70-130	5		30
Dibromochloromethane	87		89		70-130	2		30
2-Chloroethylvinyl ether	114		119		70-130	4		30
1,1,2-Trichloroethane	96		100		70-130	4		30
Tetrachloroethene	84		86		70-130	2		30
Chlorobenzene	87		90		70-130	3		30
Trichlorofluoromethane	67	Q	75		70-139	11		30
1,2-Dichloroethane	95		96		70-130	1		30
1,1,1-Trichloroethane	92		93		70-130	1		30
Bromodichloromethane	93		97		70-130	4		30
trans-1,3-Dichloropropene	92		95		70-130	3		30
cis-1,3-Dichloropropene	94		96		70-130	2		30
1,1-Dichloropropene	92		94		70-130	2		30
Bromoform	90		95		70-130	5		30
1,1,2,2-Tetrachloroethane	99		103		70-130	4		30
Benzene	97		98		70-130	1		30
Toluene	88		90		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Ethylbenzene	88		91		70-130	3		30
Chloromethane	107		112		52-130	5		30
Bromomethane	92		89		57-147	3		30
Vinyl chloride	100		105		67-130	5		30
Chloroethane	83		88		50-151	6		30
1,1-Dichloroethene	94		99		65-135	5		30
trans-1,2-Dichloroethene	90		94		70-130	4		30
Trichloroethene	95		96		70-130	1		30
1,2-Dichlorobenzene	84		88		70-130	5		30
1,3-Dichlorobenzene	86		89		70-130	3		30
1,4-Dichlorobenzene	86		89		70-130	3		30
Methyl tert butyl ether	92		97		66-130	5		30
p/m-Xylene	89		90		70-130	1		30
o-Xylene	88		89		70-130	1		30
cis-1,2-Dichloroethene	90		94		70-130	4		30
Dibromomethane	91		95		70-130	4		30
Styrene	86		89		70-130	3		30
Dichlorodifluoromethane	77		80		30-146	4		30
Acetone	97		100		54-140	3		30
Carbon disulfide	98		101		59-130	3		30
2-Butanone	107		110		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Vinyl acetate	110		112		70-130	2		30
4-Methyl-2-pentanone	96		101		70-130	5		30
1,2,3-Trichloropropane	101		103		68-130	2		30
2-Hexanone	90		95		70-130	5		30
Bromochloromethane	90		92		70-130	2		30
2,2-Dichloropropane	97		97		70-130	0		30
1,2-Dibromoethane	88		93		70-130	6		30
1,3-Dichloropropane	94		97		69-130	3		30
1,1,1,2-Tetrachloroethane	86		88		70-130	2		30
Bromobenzene	83		86		70-130	4		30
n-Butylbenzene	91		96		70-130	5		30
sec-Butylbenzene	91		95		70-130	4		30
tert-Butylbenzene	88		91		70-130	3		30
o-Chlorotoluene	81		84		70-130	4		30
p-Chlorotoluene	95		96		70-130	1		30
1,2-Dibromo-3-chloropropane	84		95		68-130	12		30
Hexachlorobutadiene	82		88		67-130	7		30
Isopropylbenzene	88		92		70-130	4		30
p-Isopropyltoluene	87		92		70-130	6		30
Naphthalene	79		88		70-130	11		30
Acrylonitrile	121		127		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Isopropyl Ether	107		110		66-130	3		30
tert-Butyl Alcohol	102		108		70-130	6		30
n-Propylbenzene	93		96		70-130	3		30
1,2,3-Trichlorobenzene	79		86		70-130	8		30
1,2,4-Trichlorobenzene	77		84		70-130	9		30
1,3,5-Trimethylbenzene	94		95		70-130	1		30
1,2,4-Trimethylbenzene	92		95		70-130	3		30
Methyl Acetate	114		118		51-146	3		30
Ethyl Acetate	107		110		70-130	3		30
Acrolein	91		100		70-130	9		30
Cyclohexane	108		111		59-142	3		30
1,4-Dioxane	93		102		65-136	9		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		94		50-139	7		30
p-Diethylbenzene	88		93		70-130	6		30
p-Ethyltoluene	94		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	82		90		70-130	9		30
Tetrahydrofuran	113		117		66-130	3		30
Ethyl ether	86		91		67-130	6		30
trans-1,4-Dichloro-2-butene	109		108		70-130	1		30
Methyl cyclohexane	89		92		70-130	3		30
Ethyl-Tert-Butyl-Ether	101		103		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,40,42-48 Batch: WG912970-1 WG912970-2								
Tertiary-Amyl Methyl Ether	92		95		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		97		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	103		105		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Methylene chloride	97		94		70-130	3		30
1,1-Dichloroethane	100		96		70-130	4		30
Chloroform	86		84		70-130	2		30
Carbon tetrachloride	91		89		70-130	2		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	83		81		70-130	2		30
2-Chloroethylvinyl ether	89		89		70-130	0		30
1,1,2-Trichloroethane	90		90		70-130	0		30
Tetrachloroethene	105		102		70-130	3		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	81		75		70-139	8		30
1,2-Dichloroethane	80		79		70-130	1		30
1,1,1-Trichloroethane	90		87		70-130	3		30
Bromodichloromethane	84		82		70-130	2		30
trans-1,3-Dichloropropene	84		83		70-130	1		30
cis-1,3-Dichloropropene	93		93		70-130	0		30
1,1-Dichloropropene	97		95		70-130	2		30
Bromoform	83		82		70-130	1		30
1,1,2,2-Tetrachloroethane	80		79		70-130	1		30
Benzene	100		98		70-130	2		30
Toluene	87		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Ethylbenzene	94		92		70-130	2		30
Chloromethane	102		99		52-130	3		30
Bromomethane	78		78		57-147	0		30
Vinyl chloride	108		103		67-130	5		30
Chloroethane	85		81		50-151	5		30
1,1-Dichloroethene	108		106		65-135	2		30
trans-1,2-Dichloroethene	104		101		70-130	3		30
Trichloroethene	98		95		70-130	3		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	97		97		70-130	0		30
1,4-Dichlorobenzene	95		94		70-130	1		30
Methyl tert butyl ether	86		85		66-130	1		30
p/m-Xylene	102		99		70-130	3		30
o-Xylene	100		98		70-130	2		30
cis-1,2-Dichloroethene	101		99		70-130	2		30
Dibromomethane	86		87		70-130	1		30
Styrene	98		97		70-130	1		30
Dichlorodifluoromethane	75		71		30-146	5		30
Acetone	89		86		54-140	3		30
Carbon disulfide	60		57	Q	59-130	5		30
2-Butanone	85		91		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Vinyl acetate	98		97		70-130	1		30
4-Methyl-2-pentanone	91		92		70-130	1		30
1,2,3-Trichloropropane	80		81		68-130	1		30
2-Hexanone	81		81		70-130	0		30
Bromochloromethane	104		101		70-130	3		30
2,2-Dichloropropane	96		92		70-130	4		30
1,2-Dibromoethane	88		86		70-130	2		30
1,3-Dichloropropane	86		86		69-130	0		30
1,1,1,2-Tetrachloroethane	88		87		70-130	1		30
Bromobenzene	96		93		70-130	3		30
n-Butylbenzene	100		97		70-130	3		30
sec-Butylbenzene	101		100		70-130	1		30
tert-Butylbenzene	96		96		70-130	0		30
o-Chlorotoluene	88		96		70-130	9		30
p-Chlorotoluene	91		89		70-130	2		30
1,2-Dibromo-3-chloropropane	77		78		68-130	1		30
Hexachlorobutadiene	96		94		67-130	2		30
Isopropylbenzene	98		97		70-130	1		30
p-Isopropyltoluene	91		89		70-130	2		30
Naphthalene	77		78		70-130	1		30
Acrylonitrile	109		100		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Isopropyl Ether	116		112		66-130	4		30
tert-Butyl Alcohol	96		94		70-130	2		30
n-Propylbenzene	98		95		70-130	3		30
1,2,3-Trichlorobenzene	91		93		70-130	2		30
1,2,4-Trichlorobenzene	93		92		70-130	1		30
1,3,5-Trimethylbenzene	96		94		70-130	2		30
1,2,4-Trimethylbenzene	95		94		70-130	1		30
Methyl Acetate	107		103		51-146	4		30
Ethyl Acetate	30	Q	25	Q	70-130	18		30
Acrolein	98		94		70-130	4		30
Cyclohexane	127		121		59-142	5		30
1,4-Dioxane	91		82		65-136	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		99		50-139	5		30
p-Diethylbenzene	98		96		70-130	2		30
p-Ethyltoluene	100		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	80		79		70-130	1		30
Tetrahydrofuran	98		97		66-130	1		30
Ethyl ether	100		94		67-130	6		30
trans-1,4-Dichloro-2-butene	88		85		70-130	3		30
Methyl cyclohexane	104		102		70-130	2		30
Ethyl-Tert-Butyl-Ether	105		103		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,39,41,45 Batch: WG912970-6 WG912970-7								
Tertiary-Amyl Methyl Ether	89		89		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	80		78		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	92		92		70-130
Dibromofluoromethane	91		91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Methylene chloride	103		101		70-130	2		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	104		104		70-130	0		30
Carbon tetrachloride	112		109		70-130	3		30
1,2-Dichloropropane	107		108		70-130	1		30
Dibromochloromethane	108		104		70-130	4		30
2-Chloroethylvinyl ether	97		102		70-130	5		30
1,1,2-Trichloroethane	109		109		70-130	0		30
Tetrachloroethene	113		108		70-130	5		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	117		112		70-139	4		30
1,2-Dichloroethane	102		102		70-130	0		30
1,1,1-Trichloroethane	112		109		70-130	3		30
Bromodichloromethane	102		102		70-130	0		30
trans-1,3-Dichloropropene	102		100		70-130	2		30
cis-1,3-Dichloropropene	102		104		70-130	2		30
1,1-Dichloropropene	108		105		70-130	3		30
Bromoform	106		103		70-130	3		30
1,1,2,2-Tetrachloroethane	98		97		70-130	1		30
Benzene	104		102		70-130	2		30
Toluene	103		97		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Ethylbenzene	108		105		70-130	3		30
Chloromethane	104		97		52-130	7		30
Bromomethane	113		113		57-147	0		30
Vinyl chloride	107		103		67-130	4		30
Chloroethane	110		108		50-151	2		30
1,1-Dichloroethene	110		105		65-135	5		30
trans-1,2-Dichloroethene	105		102		70-130	3		30
Trichloroethene	114		114		70-130	0		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	102		101		70-130	1		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	98		100		66-130	2		30
p/m-Xylene	110		106		70-130	4		30
o-Xylene	108		106		70-130	2		30
cis-1,2-Dichloroethene	104		99		70-130	5		30
Dibromomethane	105		108		70-130	3		30
Styrene	105		104		70-130	1		30
Dichlorodifluoromethane	123		117		30-146	5		30
Acetone	72		71		54-140	1		30
Carbon disulfide	108		104		59-130	4		30
2-Butanone	103		98		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Vinyl acetate	96		96		70-130	0		30
4-Methyl-2-pentanone	92		96		70-130	4		30
1,2,3-Trichloropropane	99		97		68-130	2		30
2-Hexanone	97		98		70-130	1		30
Bromochloromethane	111		107		70-130	4		30
2,2-Dichloropropane	110		107		70-130	3		30
1,2-Dibromoethane	103		103		70-130	0		30
1,3-Dichloropropane	98		96		69-130	2		30
1,1,1,2-Tetrachloroethane	105		103		70-130	2		30
Bromobenzene	105		102		70-130	3		30
n-Butylbenzene	108		105		70-130	3		30
sec-Butylbenzene	108		102		70-130	6		30
tert-Butylbenzene	106		102		70-130	4		30
o-Chlorotoluene	108		101		70-130	7		30
p-Chlorotoluene	105		101		70-130	4		30
1,2-Dibromo-3-chloropropane	93		93		68-130	0		30
Hexachlorobutadiene	102		104		67-130	2		30
Isopropylbenzene	111		106		70-130	5		30
p-Isopropyltoluene	105		101		70-130	4		30
Naphthalene	96		96		70-130	0		30
Acrylonitrile	92		90		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Isopropyl Ether	96		94		66-130	2		30
tert-Butyl Alcohol	87		88		70-130	1		30
n-Propylbenzene	106		103		70-130	3		30
1,2,3-Trichlorobenzene	95		97		70-130	2		30
1,2,4-Trichlorobenzene	102		103		70-130	1		30
1,3,5-Trimethylbenzene	108		105		70-130	3		30
1,2,4-Trimethylbenzene	106		103		70-130	3		30
Methyl Acetate	90		92		51-146	2		30
Ethyl Acetate	81		85		70-130	5		30
Acrolein	97		93		70-130	4		30
Cyclohexane	110		106		59-142	4		30
1,4-Dioxane	87		93		65-136	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	115		111		50-139	4		30
p-Diethylbenzene	110		114		70-130	4		30
p-Ethyltoluene	109		111		70-130	2		30
1,2,4,5-Tetramethylbenzene	108		111		70-130	3		30
Tetrahydrofuran	93		85		66-130	9		30
Ethyl ether	92		92		67-130	0		30
trans-1,4-Dichloro-2-butene	94		91		70-130	3		30
Methyl cyclohexane	113		110		70-130	3		30
Ethyl-Tert-Butyl-Ether	97		98		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-34,36-38 Batch: WG913002-1 WG913002-2								
Tertiary-Amyl Methyl Ether	99		99		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	104		101		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Methylene chloride	95		94		70-130	1		30
1,1-Dichloroethane	101		97		70-130	4		30
Chloroform	88		86		70-130	2		30
Carbon tetrachloride	98		91		70-130	7		30
1,2-Dichloropropane	102		100		70-130	2		30
Dibromochloromethane	84		84		70-130	0		30
2-Chloroethylvinyl ether	87		88		70-130	1		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	107		102		70-130	5		30
Chlorobenzene	95		91		70-130	4		30
Trichlorofluoromethane	87		81		70-139	7		30
1,2-Dichloroethane	85		85		70-130	0		30
1,1,1-Trichloroethane	96		89		70-130	8		30
Bromodichloromethane	86		85		70-130	1		30
trans-1,3-Dichloropropene	86		83		70-130	4		30
cis-1,3-Dichloropropene	92		94		70-130	2		30
1,1-Dichloropropene	101		95		70-130	6		30
Bromoform	84		82		70-130	2		30
1,1,2,2-Tetrachloroethane	80		80		70-130	0		30
Benzene	100		97		70-130	3		30
Toluene	87		83		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Ethylbenzene	95		91		70-130	4		30
Chloromethane	103		100		52-130	3		30
Bromomethane	78		74		57-147	5		30
Vinyl chloride	110		102		67-130	8		30
Chloroethane	88		79		50-151	11		30
1,1-Dichloroethene	111		105		65-135	6		30
trans-1,2-Dichloroethene	105		98		70-130	7		30
Trichloroethene	100		96		70-130	4		30
1,2-Dichlorobenzene	94		92		70-130	2		30
1,3-Dichlorobenzene	97		94		70-130	3		30
1,4-Dichlorobenzene	93		90		70-130	3		30
Methyl tert butyl ether	86		87		66-130	1		30
p/m-Xylene	103		98		70-130	5		30
o-Xylene	100		96		70-130	4		30
cis-1,2-Dichloroethene	102		99		70-130	3		30
Dibromomethane	90		90		70-130	0		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	79		74		30-146	7		30
Acetone	87		88		54-140	1		30
Carbon disulfide	63		57	Q	59-130	10		30
2-Butanone	89		86		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Vinyl acetate	97		100		70-130	3		30
4-Methyl-2-pentanone	90		91		70-130	1		30
1,2,3-Trichloropropane	81		81		68-130	0		30
2-Hexanone	76		77		70-130	1		30
Bromochloromethane	104		100		70-130	4		30
2,2-Dichloropropane	97		92		70-130	5		30
1,2-Dibromoethane	89		90		70-130	1		30
1,3-Dichloropropane	86		86		69-130	0		30
1,1,1,2-Tetrachloroethane	89		87		70-130	2		30
Bromobenzene	96		92		70-130	4		30
n-Butylbenzene	102		95		70-130	7		30
sec-Butylbenzene	103		95		70-130	8		30
tert-Butylbenzene	97		91		70-130	6		30
o-Chlorotoluene	86		89		70-130	3		30
p-Chlorotoluene	91		87		70-130	4		30
1,2-Dibromo-3-chloropropane	76		76		68-130	0		30
Hexachlorobutadiene	98		91		67-130	7		30
Isopropylbenzene	98		91		70-130	7		30
p-Isopropyltoluene	92		86		70-130	7		30
Naphthalene	76		77		70-130	1		30
Acrylonitrile	95		105		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Isopropyl Ether	114		113		66-130	1		30
tert-Butyl Alcohol	89		98		70-130	10		30
n-Propylbenzene	98		91		70-130	7		30
1,2,3-Trichlorobenzene	93		90		70-130	3		30
1,2,4-Trichlorobenzene	93		89		70-130	4		30
1,3,5-Trimethylbenzene	95		89		70-130	7		30
1,2,4-Trimethylbenzene	95		90		70-130	5		30
Methyl Acetate	106		106		51-146	0		30
Ethyl Acetate	30	Q	31	Q	70-130	3		30
Acrolein	95		94		70-130	1		30
Cyclohexane	132		122		59-142	8		30
1,4-Dioxane	77		99		65-136	25		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	108		103		50-139	5		30
p-Diethylbenzene	97		90		70-130	7		30
p-Ethyltoluene	98		92		70-130	6		30
1,2,4,5-Tetramethylbenzene	79		76		70-130	4		30
Tetrahydrofuran	86		103		66-130	18		30
Ethyl ether	97		96		67-130	1		30
trans-1,4-Dichloro-2-butene	89		85		70-130	5		30
Methyl cyclohexane	109		101		70-130	8		30
Ethyl-Tert-Butyl-Ether	103		103		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG913105-1 WG913105-2								
Tertiary-Amyl Methyl Ether	88		89		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	82		82		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	94		94		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Methylene chloride	ND	39.4	32	82		28	69	Q	70-130	14		30
1,1-Dichloroethane	ND	39.4	30	77		29	72		70-130	4		30
Chloroform	ND	39.4	30	76		28	67	Q	70-130	9		30
Carbon tetrachloride	ND	39.4	26	66	Q	24	58	Q	70-130	8		30
1,2-Dichloropropane	ND	39.4	32	81		30	74		70-130	6		30
Dibromochloromethane	ND	39.4	25	64	Q	23	56	Q	70-130	10		30
2-Chloroethylvinyl ether	ND	39.4	34J	85		29.J	70		70-130	16		30
1,1,2-Trichloroethane	ND	39.4	45	113		39	97		70-130	12		30
Tetrachloroethene	ND	39.4	23	58	Q	20	49	Q	70-130	13		30
Chlorobenzene	ND	39.4	25	62	Q	22	53	Q	70-130	13		30
Trichlorofluoromethane	ND	39.4	22	55	Q	20	49	Q	70-139	9		30
1,2-Dichloroethane	ND	39.4	28	72		26	64	Q	70-130	8		30
1,1,1-Trichloroethane	ND	39.4	28	71		26	64	Q	70-130	8		30
Bromodichloromethane	ND	39.4	28	70		25	62	Q	70-130	9		30
trans-1,3-Dichloropropene	ND	39.4	20	52	Q	20	49	Q	70-130	2		30
cis-1,3-Dichloropropene	ND	39.4	19	48	Q	19	47	Q	70-130	1		30
1,1-Dichloropropene	ND	39.4	28	72		26	64	Q	70-130	8		30
Bromoform	ND	39.4	25	63	Q	22	53	Q	70-130	14		30
1,1,2,2-Tetrachloroethane	ND	39.4	27	68	Q	23	57	Q	70-130	14		30
Benzene	120	39.4	130	33	Q	140	49	Q	70-130	5		30
Toluene	1.1J	39.4	28	70		25	62	Q	70-130	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Ethylbenzene	1.2J	39.4	26	65	Q	23	55	Q	70-130	13		30
Chloromethane	ND	39.4	33	84		32	78		52-130	4		30
Bromomethane	ND	39.4	22	56	Q	20	49	Q	57-147	10		30
Vinyl chloride	ND	39.4	33	83		31	76		67-130	5		30
Chloroethane	ND	39.4	26	66		25	61		50-151	6		30
1,1-Dichloroethene	ND	39.4	30	75		28	68		65-135	7		30
trans-1,2-Dichloroethene	ND	39.4	29	74		28	68	Q	70-130	5		30
Trichloroethene	ND	39.4	32	80		28	70		70-130	10		30
1,2-Dichlorobenzene	ND	39.4	18	46	Q	15	36	Q	70-130	21		30
1,3-Dichlorobenzene	ND	39.4	19	47	Q	15	38	Q	70-130	19		30
1,4-Dichlorobenzene	ND	39.4	19	48	Q	16	38	Q	70-130	19		30
Methyl tert butyl ether	3.3J	39.4	32	80		30	74		66-130	5		30
p/m-Xylene	7.9	78.7	55	60	Q	50	51	Q	70-130	10		30
o-Xylene	0.79J	78.7	49	62	Q	43	53	Q	70-130	12		30
cis-1,2-Dichloroethene	ND	39.4	29	74		28	68	Q	70-130	5		30
Dibromomethane	ND	39.4	28	71		26	64	Q	70-130	8		30
Styrene	ND	78.7	33	41	Q	29	35	Q	70-130	12		30
Dichlorodifluoromethane	ND	39.4	24	61		23	56		30-146	5		30
Acetone	36	39.4	69	84		70	84		54-140	2		30
Carbon disulfide	ND	39.4	31	80		28	67		59-130	13		30
2-Butanone	ND	39.4	81	205	Q	68	167	Q	70-130	17		30

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Vinyl acetate	ND	39.4	16J	42	Q	15.J	36	Q	70-130	11		30
4-Methyl-2-pentanone	ND	39.4	29	74		27	67	Q	70-130	7		30
1,2,3-Trichloropropane	ND	39.4	28	70		24	60	Q	68-130	13		30
2-Hexanone	ND	39.4	28	71		25	62	Q	70-130	10		30
Bromochloromethane	ND	39.4	28	71		25	61	Q	70-130	12		30
2,2-Dichloropropane	ND	39.4	29	74		27	67	Q	70-130	7		30
1,2-Dibromoethane	ND	39.4	26	67	Q	24	58	Q	70-130	10		30
1,3-Dichloropropane	ND	39.4	28	71		26	63	Q	69-130	9		30
1,1,1,2-Tetrachloroethane	ND	39.4	24	62	Q	22	53	Q	70-130	11		30
Bromobenzene	ND	39.4	22	55	Q	19	46	Q	70-130	15		30
n-Butylbenzene	0.46J	39.4	15	39	Q	13	31	Q	70-130	18		30
sec-Butylbenzene	6.9	39.4	25	47	Q	22	38	Q	70-130	13		30
tert-Butylbenzene	3.0J	39.4	23	58	Q	20	48	Q	70-130	14		30
o-Chlorotoluene	ND	39.4	20	50	Q	21	51	Q	70-130	6		30
p-Chlorotoluene	ND	39.4	22	57	Q	19	46	Q	70-130	17		30
1,2-Dibromo-3-chloropropane	ND	39.4	22	56	Q	19	46	Q	68-130	16		30
Hexachlorobutadiene	ND	39.4	8.6J	22	Q	7.4J	18	Q	67-130	16		30
Isopropylbenzene	59	39.4	80	53	Q	78	48	Q	70-130	2		30
p-Isopropyltoluene	3.7	39.4	18	37	Q	15	28	Q	70-130	17		30
Naphthalene	0.42J	39.4	16	39	Q	12	28	Q	70-130	29		30
Acrylonitrile	ND	39.4	66	167	Q	53	130		70-130	21		30

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 07/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Isopropyl Ether	ND	39.4	33	83		31	76		66-130	6		30
tert-Butyl Alcohol	15.J	197	160	82		150	72		70-130	10		30
n-Propylbenzene	12	39.4	32	50	Q	29	41	Q	70-130	10		30
1,2,3-Trichlorobenzene	ND	39.4	11	27	Q	7.9J	19	Q	70-130	28		30
1,2,4-Trichlorobenzene	ND	39.4	12	30	Q	9.0J	22	Q	70-130	26		30
1,3,5-Trimethylbenzene	0.98J	39.4	22	56	Q	19	46	Q	70-130	15		30
1,2,4-Trimethylbenzene	74	39.4	74	0	Q	75	2	Q	70-130	1		30
Methyl Acetate	ND	39.4	37J	95		36.J	89		51-146	3		30
Ethyl Acetate	ND	39.4	21J	53	Q	29.J	70		70-130	31	Q	30
Acrolein	ND	39.4	51	129		37.J	91		70-130	31	Q	30
Cyclohexane	120	39.4	280	404	Q	200	196	Q	59-142	33	Q	30
1,4-Dioxane	ND	1970	1800	89		1300	65		65-136	28		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	39.4	25J	64		23.J	55		50-139	10		30
p-Diethylbenzene	12	39.4	29	44	Q	26	35	Q	70-130	11		30
p-Ethyltoluene	1.7J	39.4	24	60	Q	20	49	Q	70-130	16		30
1,2,4,5-Tetramethylbenzene	20	39.4	36	41	Q	34	34	Q	70-130	7		30
Tetrahydrofuran	ND	39.4	49	123		43	105		66-130	13		30
Ethyl ether	ND	39.4	27	68		25	60	Q	67-130	9		30
trans-1,4-Dichloro-2-butene	ND	39.4	16	40	Q	14	35	Q	70-130	10		30
Methyl cyclohexane	35	39.4	71	92		57	53	Q	70-130	23		30
Ethyl-Tert-Butyl-Ether	ND	39.4	32	80		30	73		70-130	7		30

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,25,39-48 QC Batch ID: WG912970-4 WG912970-5 QC Sample: L1620368-44 Client ID: P2-3 (8-10)												
Tertiary-Amyl Methyl Ether	ND	39.4	30	77		27	67	Q	70-130	10		30

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1,2-Dichloroethane-d4	94		93		70-130
4-Bromofluorobenzene	110		110		70-130
Dibromofluoromethane	91		92		70-130
Toluene-d8	100		98		70-130

SEMIVOLATILES

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 18:49
 Analyst: PS
 Percent Solids: 87%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	8700	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1600		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	4500		ug/kg	110	21.	1
Benzo(a)pyrene	4900		ug/kg	150	46.	1
Benzo(b)fluoranthene	6700		ug/kg	110	32.	1
Benzo(k)fluoranthene	2000		ug/kg	110	30.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	4800		ug/kg	110	20.	1
Acenaphthylene	1300		ug/kg	150	29.	1
Anthracene	1700		ug/kg	110	37.	1
Benzo(ghi)perylene	3200		ug/kg	150	22.	1
Fluorene	720		ug/kg	190	18.	1
Phenanthrene	5100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	930		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	3600		ug/kg	150	26.	1
Pyrene	7500		ug/kg	110	19.	1
Biphenyl	130	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	580		ug/kg	190	18.	1
2-Methylnaphthalene	680		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	93	J	ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	690		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-30

Date Collected: 06/29/16 13:05

Client ID: P4-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	58		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-30 D
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/12/16 12:50
 Analyst: HL
 Percent Solids: 87%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	7100		ug/kg	230	44.	2

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-31
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 16:19
 Analyst: PS
 Percent Solids: 43%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	310	40.	1
Hexachlorobenzene	ND		ug/kg	230	43.	1
Bis(2-chloroethyl)ether	ND		ug/kg	350	52.	1
2-Chloronaphthalene	ND		ug/kg	390	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	390	100	1
2,4-Dinitrotoluene	ND		ug/kg	390	77.	1
2,6-Dinitrotoluene	ND		ug/kg	390	66.	1
Fluoranthene	ND		ug/kg	230	44.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	390	41.	1
4-Bromophenyl phenyl ether	ND		ug/kg	390	59.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	420	39.	1
Hexachlorobutadiene	ND		ug/kg	390	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	1100	350	1
Hexachloroethane	ND		ug/kg	310	63.	1
Isophorone	ND		ug/kg	350	50.	1
Naphthalene	ND		ug/kg	390	47.	1
Nitrobenzene	ND		ug/kg	350	57.	1
NDPA/DPA	ND		ug/kg	310	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	390	60.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	390	130	1
Butyl benzyl phthalate	ND		ug/kg	390	98.	1
Di-n-butylphthalate	ND		ug/kg	390	73.	1
Di-n-octylphthalate	ND		ug/kg	390	130	1
Diethyl phthalate	ND		ug/kg	390	36.	1
Dimethyl phthalate	ND		ug/kg	390	81.	1
Benzo(a)anthracene	ND		ug/kg	230	44.	1
Benzo(a)pyrene	ND		ug/kg	310	94.	1
Benzo(b)fluoranthene	ND		ug/kg	230	65.	1
Benzo(k)fluoranthene	ND		ug/kg	230	62.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-31

Date Collected: 06/29/16 13:05

Client ID: P4-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	230	40.	1
Acenaphthylene	ND		ug/kg	310	60.	1
Anthracene	ND		ug/kg	230	76.	1
Benzo(ghi)perylene	ND		ug/kg	310	46.	1
Fluorene	ND		ug/kg	390	38.	1
Phenanthrene	ND		ug/kg	230	47.	1
Dibenzo(a,h)anthracene	ND		ug/kg	230	45.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	310	54.	1
Pyrene	ND		ug/kg	230	38.	1
Biphenyl	ND		ug/kg	880	90.	1
4-Chloroaniline	ND		ug/kg	390	70.	1
2-Nitroaniline	ND		ug/kg	390	75.	1
3-Nitroaniline	ND		ug/kg	390	73.	1
4-Nitroaniline	ND		ug/kg	390	160	1
Dibenzofuran	ND		ug/kg	390	37.	1
2-Methylnaphthalene	ND		ug/kg	460	47.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	390	40.	1
Acetophenone	ND		ug/kg	390	48.	1
2,4,6-Trichlorophenol	ND		ug/kg	230	73.	1
p-Chloro-m-cresol	ND		ug/kg	390	58.	1
2-Chlorophenol	ND		ug/kg	390	46.	1
2,4-Dichlorophenol	ND		ug/kg	350	62.	1
2,4-Dimethylphenol	ND		ug/kg	390	130	1
2-Nitrophenol	ND		ug/kg	840	140	1
4-Nitrophenol	ND		ug/kg	540	160	1
2,4-Dinitrophenol	ND		ug/kg	1800	180	1
4,6-Dinitro-o-cresol	ND		ug/kg	1000	180	1
Pentachlorophenol	ND		ug/kg	310	85.	1
Phenol	ND		ug/kg	390	58.	1
2-Methylphenol	ND		ug/kg	390	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	560	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	390	74.	1
Carbazole	ND		ug/kg	390	38.	1
Atrazine	ND		ug/kg	310	140	1
Benzaldehyde	ND		ug/kg	510	100	1
Caprolactam	ND		ug/kg	390	120	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	390	78.	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-31
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	36		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 19:14
 Analyst: PS
 Percent Solids: 89%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	5200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	390		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3100		ug/kg	110	21.	1
Benzo(a)pyrene	3500		ug/kg	150	45.	1
Benzo(b)fluoranthene	4500		ug/kg	110	31.	1
Benzo(k)fluoranthene	1500		ug/kg	110	29.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-32

Date Collected: 06/29/16 13:15

Client ID: P4-2 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	3000		ug/kg	110	19.	1
Acenaphthylene	860		ug/kg	150	28.	1
Anthracene	900		ug/kg	110	36.	1
Benzo(ghi)perylene	2200		ug/kg	150	22.	1
Fluorene	280		ug/kg	180	18.	1
Phenanthrene	1900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	560		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2500		ug/kg	150	26.	1
Pyrene	4500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	180		ug/kg	180	17.	1
2-Methylnaphthalene	230		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	190		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-32

Date Collected: 06/29/16 13:15

Client ID: P4-2 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	71		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-33
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 19:39
 Analyst: PS
 Percent Solids: 83%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	4300		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	510		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	2400		ug/kg	120	22.	1
Benzo(a)pyrene	2500		ug/kg	160	48.	1
Benzo(b)fluoranthene	3200		ug/kg	120	34.	1
Benzo(k)fluoranthene	1200		ug/kg	120	32.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-33
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	2300		ug/kg	120	21.	1
Acenaphthylene	510		ug/kg	160	31.	1
Anthracene	780		ug/kg	120	39.	1
Benzo(ghi)perylene	1500		ug/kg	160	23.	1
Fluorene	250		ug/kg	200	19.	1
Phenanthrene	2000		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	480		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	160	28.	1
Pyrene	3800		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	230		ug/kg	200	19.	1
2-Methylnaphthalene	310		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	55	J	ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	220		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	81	J	ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-33
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	45		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-34 D
 Client ID: P4-3 (2-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 20:29
 Analyst: PS
 Percent Solids: 85%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260	J	ug/kg	1600	200	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	260	10
2-Chloronaphthalene	ND		ug/kg	2000	190	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	520	10
2,4-Dinitrotoluene	ND		ug/kg	2000	390	10
2,6-Dinitrotoluene	ND		ug/kg	2000	330	10
Fluoranthene	6100		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	200	10
Hexachlorobutadiene	ND		ug/kg	2000	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	250	10
Naphthalene	2800		ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	670	10
Butyl benzyl phthalate	ND		ug/kg	2000	490	10
Di-n-butylphthalate	ND		ug/kg	2000	370	10
Di-n-octylphthalate	ND		ug/kg	2000	660	10
Diethyl phthalate	ND		ug/kg	2000	180	10
Dimethyl phthalate	ND		ug/kg	2000	410	10
Benzo(a)anthracene	9100		ug/kg	1200	220	10
Benzo(a)pyrene	17000		ug/kg	1600	480	10
Benzo(b)fluoranthene	20000		ug/kg	1200	330	10
Benzo(k)fluoranthene	7000		ug/kg	1200	310	10

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-34 D

Date Collected: 06/29/16 13:30

Client ID: P4-3 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	10000		ug/kg	1200	200	10
Acenaphthylene	4000		ug/kg	1600	300	10
Anthracene	1500		ug/kg	1200	380	10
Benzo(ghi)perylene	14000		ug/kg	1600	230	10
Fluorene	570	J	ug/kg	2000	190	10
Phenanthrene	2500		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	3400		ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	14000		ug/kg	1600	270	10
Pyrene	6300		ug/kg	1200	190	10
Biphenyl	ND		ug/kg	4400	450	10
4-Chloroaniline	ND		ug/kg	2000	350	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	370	10
4-Nitroaniline	ND		ug/kg	2000	810	10
Dibenzofuran	450	J	ug/kg	2000	180	10
2-Methylnaphthalene	2300		ug/kg	2300	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	200	10
Acetophenone	ND		ug/kg	2000	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	2000	290	10
2-Chlorophenol	ND		ug/kg	2000	230	10
2,4-Dichlorophenol	ND		ug/kg	1800	310	10
2,4-Dimethylphenol	ND		ug/kg	2000	640	10
2-Nitrophenol	ND		ug/kg	4200	730	10
4-Nitrophenol	ND		ug/kg	2700	800	10
2,4-Dinitrophenol	ND		ug/kg	9400	910	10
4,6-Dinitro-o-cresol	ND		ug/kg	5100	940	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	2000	290	10
2-Methylphenol	ND		ug/kg	2000	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	300	10
2,4,5-Trichlorophenol	ND		ug/kg	2000	370	10
Carbazole	370	J	ug/kg	2000	190	10
Atrazine	ND		ug/kg	1600	680	10
Benzaldehyde	ND		ug/kg	2600	530	10
Caprolactam	ND		ug/kg	2000	590	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	390	10

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-34 D

Date Collected: 06/29/16 13:30

Client ID: P4-3 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	48		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-36
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/16 18:24
 Analyst: PS
 Percent Solids: 84%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	230		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	1700		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	140		ug/kg	120	22.	1
Benzo(a)pyrene	120	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	140		ug/kg	120	33.	1
Benzo(k)fluoranthene	54	J	ug/kg	120	32.	1

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-36
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	130		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	52	J	ug/kg	120	39.	1
Benzo(ghi)perylene	68	J	ug/kg	160	23.	1
Fluorene	56	J	ug/kg	200	19.	1
Phenanthrene	200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	74	J	ug/kg	160	28.	1
Pyrene	260		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	1400		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	34	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-36

Date Collected: 06/29/16 13:30

Client ID: P4-3 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	48		18-120

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/16 10:54
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-34,36 Batch: WG911876-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/16 10:54
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-34,36 Batch: WG911876-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/16 10:54
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/09/16 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-34,36 Batch: WG911876-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	77		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-34,36 Batch: WG911876-2 WG911876-3								
Acenaphthene	86		82		31-137	5		50
Benzidine	34		39		10-66	14		50
1,2,4-Trichlorobenzene	77		75		38-107	3		50
Hexachlorobenzene	90		85		40-140	6		50
Bis(2-chloroethyl)ether	78		77		40-140	1		50
2-Chloronaphthalene	88		85		40-140	3		50
3,3'-Dichlorobenzidine	68		69		40-140	1		50
2,4-Dinitrotoluene	94	Q	94	Q	28-89	0		50
2,6-Dinitrotoluene	93		93		40-140	0		50
Azobenzene	97		95		40-140	2		50
Fluoranthene	94		91		40-140	3		50
4-Chlorophenyl phenyl ether	89		86		40-140	3		50
4-Bromophenyl phenyl ether	94		91		40-140	3		50
Bis(2-chloroisopropyl)ether	80		78		40-140	3		50
Bis(2-chloroethoxy)methane	88		86		40-117	2		50
Hexachlorobutadiene	76		72		40-140	5		50
Hexachlorocyclopentadiene	78		78		40-140	0		50
Hexachloroethane	72		73		40-140	1		50
Isophorone	87		86		40-140	1		50
Naphthalene	79		76		40-140	4		50
Nitrobenzene	83		81		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-34,36 Batch: WG911876-2 WG911876-3								
NitrosoDiPhenylAmine(NDPA)/DPA	93		90		36-157	3		50
n-Nitrosodi-n-propylamine	88		88		32-121	0		50
Bis(2-Ethylhexyl)phthalate	107		103		40-140	4		50
Butyl benzyl phthalate	95		98		40-140	3		50
Di-n-butylphthalate	101		99		40-140	2		50
Di-n-octylphthalate	108		106		40-140	2		50
Diethyl phthalate	96		92		40-140	4		50
Dimethyl phthalate	89		88		40-140	1		50
Benzo(a)anthracene	92		87		40-140	6		50
Benzo(a)pyrene	90		90		40-140	0		50
Benzo(b)fluoranthene	88		91		40-140	3		50
Benzo(k)fluoranthene	90		85		40-140	6		50
Chrysene	90		86		40-140	5		50
Acenaphthylene	87		86		40-140	1		50
Anthracene	94		90		40-140	4		50
Benzo(ghi)perylene	95		92		40-140	3		50
Fluorene	93		89		40-140	4		50
Phenanthrene	89		85		40-140	5		50
Dibenzo(a,h)anthracene	95		95		40-140	0		50
Indeno(1,2,3-cd)Pyrene	94		94		40-140	0		50
Pyrene	91		89		35-142	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-34,36 Batch: WG911876-2 WG911876-3								
Biphenyl	89		86		54-104	3		50
Aniline	50		47		40-140	6		50
4-Chloroaniline	58		60		40-140	3		50
2-Nitroaniline	94		95		47-134	1		50
3-Nitroaniline	81		72		26-129	12		50
4-Nitroaniline	78		77		41-125	1		50
Dibenzofuran	92		86		40-140	7		50
2-Methylnaphthalene	86		80		40-140	7		50
1,2,4,5-Tetrachlorobenzene	82		80		40-117	2		50
Acetophenone	85		82		14-144	4		50
n-Nitrosodimethylamine	61		62		22-100	2		50
2,4,6-Trichlorophenol	94		91		30-130	3		50
P-Chloro-M-Cresol	95		91		26-103	4		50
2-Chlorophenol	87		85		25-102	2		50
2,4-Dichlorophenol	91		91		30-130	0		50
2,4-Dimethylphenol	90		92		30-130	2		50
2-Nitrophenol	89		90		30-130	1		50
4-Nitrophenol	91		90		11-114	1		50
2,4-Dinitrophenol	67		68		4-130	1		50
4,6-Dinitro-o-cresol	80		82		10-130	2		50
Pentachlorophenol	90		88		17-109	2		50

Lab Control Sample Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-34,36 Batch: WG911876-2 WG911876-3								
Phenol	83		82		26-90	1		50
2-Methylphenol	86		84		30-130.	2		50
3-Methylphenol/4-Methylphenol	91		86		30-130	6		50
2,4,5-Trichlorophenol	91		90		30-130	1		50
Benzoic Acid	71		72		10-110	1		50
Benzyl Alcohol	87		83		40-140	5		50
Carbazole	94		90		54-128	4		50
Pyridine	50		50		10-93	0		50
Parathion, ethyl	114		115		40-140	1		50
Atrazine	104		102		40-140	2		50
Benzaldehyde	80		78		40-140	3		50
Caprolactam	105		104		15-130	1		50
2,3,4,6-Tetrachlorophenol	94		89		40-140	5		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	80		78		25-120
Phenol-d6	85		85		10-120
Nitrobenzene-d5	81		77		23-120
2-Fluorobiphenyl	84		85		30-120
2,4,6-Tribromophenol	90		91		10-136
4-Terphenyl-d14	89		88		18-120



METALS

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-01
 Client ID: P3-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 73%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	3.8		mg/kg	2.7	0.44	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Arsenic, Total	71		mg/kg	0.55	0.18	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Beryllium, Total	0.85		mg/kg	0.27	0.06	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Cadmium, Total	53		mg/kg	0.55	0.04	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Chromium, Total	6.2		mg/kg	0.55	0.09	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Copper, Total	1400		mg/kg	0.55	0.10	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Lead, Total	1600		mg/kg	2.7	0.12	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Mercury, Total	0.62		mg/kg	0.09	0.02	1	07/06/16 10:40	07/11/16 17:49	EPA 7471B	1,7471B	EA
Nickel, Total	36		mg/kg	1.4	0.22	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Selenium, Total	0.34	J	mg/kg	1.1	0.15	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Silver, Total	3.8		mg/kg	0.55	0.11	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Thallium, Total	1.2		mg/kg	1.1	0.17	1	07/06/16 05:50	07/07/16 22:35	EPA 3050B	1,6010C	JH
Zinc, Total	16000		mg/kg	27	3.8	10	07/06/16 05:50	07/08/16 02:16	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-02
 Client ID: P3-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 61%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.2	0.52	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Arsenic, Total	8.4		mg/kg	0.65	0.21	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.32	0.07	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Cadmium, Total	0.89		mg/kg	0.65	0.05	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Chromium, Total	1.4		mg/kg	0.65	0.11	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Copper, Total	38		mg/kg	0.65	0.12	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Lead, Total	52		mg/kg	3.2	0.14	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 18:00	EPA 7471B	1,7471B	EA
Nickel, Total	41		mg/kg	1.6	0.26	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Selenium, Total	1.0	J	mg/kg	1.3	0.18	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Silver, Total	0.18	J	mg/kg	0.65	0.13	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Thallium, Total	0.28	J	mg/kg	1.3	0.21	1	07/06/16 05:50	07/07/16 23:13	EPA 3050B	1,6010C	JH
Zinc, Total	6300		mg/kg	32	4.6	10	07/06/16 05:50	07/08/16 02:21	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-03
 Client ID: P3-1 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 48%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	2.0	J	mg/kg	4.2	0.67	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Arsenic, Total	48		mg/kg	0.84	0.28	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Beryllium, Total	0.35	J	mg/kg	0.42	0.09	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Cadmium, Total	27		mg/kg	0.84	0.06	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Chromium, Total	8.8		mg/kg	0.84	0.14	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Copper, Total	660		mg/kg	0.84	0.15	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Lead, Total	1000		mg/kg	4.2	0.18	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Mercury, Total	0.56		mg/kg	0.14	0.03	1	07/06/16 10:40	07/11/16 18:02	EPA 7471B	1,7471B	EA
Nickel, Total	23		mg/kg	2.1	0.33	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Selenium, Total	1.4	J	mg/kg	1.7	0.22	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Silver, Total	2.3		mg/kg	0.84	0.17	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Thallium, Total	0.77	J	mg/kg	1.7	0.27	1	07/06/16 05:50	07/07/16 23:17	EPA 3050B	1,6010C	JH
Zinc, Total	7900		mg/kg	42	5.8	10	07/06/16 05:50	07/08/16 02:25	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-04
 Client ID: P3-1 (12-16)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 65%

Date Collected: 06/29/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.0	0.49	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Arsenic, Total	3.3		mg/kg	0.61	0.20	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Beryllium, Total	0.08	J	mg/kg	0.30	0.07	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Cadmium, Total	0.08	J	mg/kg	0.61	0.04	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Chromium, Total	3.5		mg/kg	0.61	0.10	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Copper, Total	20		mg/kg	0.61	0.11	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Lead, Total	17		mg/kg	3.0	0.13	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.10	0.02	1	07/06/16 10:40	07/11/16 18:04	EPA 7471B	1,7471B	EA
Nickel, Total	6.6		mg/kg	1.5	0.24	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Selenium, Total	0.46	J	mg/kg	1.2	0.16	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.61	0.12	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.2	0.20	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH
Zinc, Total	510		mg/kg	3.0	0.43	1	07/06/16 05:50	07/07/16 23:22	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-05
 Client ID: P3-9 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	1.7	J	mg/kg	2.4	0.39	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Arsenic, Total	38		mg/kg	0.48	0.16	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Beryllium, Total	0.16	J	mg/kg	0.24	0.05	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Cadmium, Total	2.1		mg/kg	0.48	0.03	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Chromium, Total	5.9		mg/kg	0.48	0.08	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Copper, Total	210		mg/kg	0.48	0.09	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Lead, Total	490		mg/kg	2.4	0.11	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Mercury, Total	0.44		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 18:06	EPA 7471B	1,7471B	EA
Nickel, Total	8.9		mg/kg	1.2	0.19	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Selenium, Total	0.77	J	mg/kg	0.96	0.13	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Silver, Total	1.4		mg/kg	0.48	0.10	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Thallium, Total	0.28	J	mg/kg	0.96	0.15	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH
Zinc, Total	1000		mg/kg	2.4	0.34	1	07/06/16 05:50	07/07/16 23:27	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-06
 Client ID: P3-9 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 48%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.1	0.66	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Arsenic, Total	3.0		mg/kg	0.83	0.27	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.41	0.09	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.83	0.06	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Chromium, Total	1.6		mg/kg	0.83	0.14	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Copper, Total	5.0		mg/kg	0.83	0.15	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Lead, Total	1.5	J	mg/kg	4.1	0.18	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.14	0.03	1	07/06/16 10:40	07/11/16 18:08	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.1	0.33	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Selenium, Total	1.7		mg/kg	1.6	0.22	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.83	0.16	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Thallium, Total	0.32	J	mg/kg	1.6	0.26	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH
Zinc, Total	2300		mg/kg	4.1	0.58	1	07/06/16 05:50	07/07/16 23:31	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-07
 Client ID: P3-9 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 57%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.54	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Arsenic, Total	2.0		mg/kg	0.68	0.22	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Beryllium, Total	0.07	J	mg/kg	0.34	0.07	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.68	0.05	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Chromium, Total	3.7		mg/kg	0.68	0.12	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Copper, Total	5.0		mg/kg	0.68	0.12	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	3.4	0.15	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.02	1	07/06/16 10:40	07/11/16 18:10	EPA 7471B	1,7471B	EA
Nickel, Total	3.9		mg/kg	1.7	0.27	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Selenium, Total	0.45	J	mg/kg	1.4	0.18	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.68	0.14	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH
Zinc, Total	20		mg/kg	3.4	0.47	1	07/06/16 05:50	07/07/16 23:36	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-08
 Client ID: P3-9 (12-16)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 58%

Date Collected: 06/29/16 08:55
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.54	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Arsenic, Total	1.0		mg/kg	0.68	0.22	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.34	0.08	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.68	0.05	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Chromium, Total	2.7		mg/kg	0.68	0.12	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Copper, Total	3.1		mg/kg	0.68	0.12	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	3.4	0.15	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 18:11	EPA 7471B	1,7471B	EA
Nickel, Total	3.1		mg/kg	1.7	0.27	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Selenium, Total	0.35	J	mg/kg	1.4	0.18	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.68	0.14	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH
Zinc, Total	14		mg/kg	3.4	0.48	1	07/06/16 05:50	07/07/16 23:40	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-09
 Client ID: P3-8 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 61%

Date Collected: 06/29/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.3	0.52	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	0.65	0.22	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.33	0.07	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Cadmium, Total	14		mg/kg	0.65	0.05	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Chromium, Total	2.4		mg/kg	0.65	0.11	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Copper, Total	150		mg/kg	0.65	0.12	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	33	1.4	10	07/06/16 05:50	07/08/16 02:29	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 18:17	EPA 7471B	1,7471B	EA
Nickel, Total	27		mg/kg	1.6	0.26	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Selenium, Total	1.8		mg/kg	1.3	0.18	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Silver, Total	0.13	J	mg/kg	0.65	0.13	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Thallium, Total	0.54	J	mg/kg	1.3	0.21	1	07/06/16 05:50	07/08/16 00:06	EPA 3050B	1,6010C	JH
Zinc, Total	18000		mg/kg	33	4.6	10	07/06/16 05:50	07/08/16 02:29	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-10
 Client ID: P3-7 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 62%

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.1	0.50	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	0.62	0.20	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Beryllium, Total	0.21	J	mg/kg	0.31	0.07	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.62	0.04	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Chromium, Total	7.3		mg/kg	0.62	0.10	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Copper, Total	11		mg/kg	0.62	0.11	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Lead, Total	13		mg/kg	3.1	0.14	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.10	0.02	1	07/06/16 10:40	07/11/16 18:19	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	1.6	0.25	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Selenium, Total	0.35	J	mg/kg	1.2	0.17	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.62	0.12	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.2	0.20	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH
Zinc, Total	33		mg/kg	3.1	0.43	1	07/06/16 05:50	07/08/16 00:11	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-11
 Client ID: P3-7 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 45%

Date Collected: 06/29/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.5	0.72	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Arsenic, Total	1.0		mg/kg	0.90	0.30	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.45	0.10	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Chromium, Total	0.70	J	mg/kg	0.90	0.15	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Copper, Total	1.2		mg/kg	0.90	0.16	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.5	0.20	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/11/16 18:21	EPA 7471B	1,7471B	EA
Nickel, Total	20		mg/kg	2.2	0.36	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Selenium, Total	1.4	J	mg/kg	1.8	0.24	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.29	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH
Zinc, Total	1300		mg/kg	4.5	0.63	1	07/06/16 05:50	07/08/16 00:15	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-12
 Client ID: P3-6 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 63%

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.1	0.49	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Arsenic, Total	6.5		mg/kg	0.61	0.20	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Beryllium, Total	0.15	J	mg/kg	0.31	0.07	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Cadmium, Total	5.3		mg/kg	0.61	0.04	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Chromium, Total	80		mg/kg	0.61	0.10	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Copper, Total	26		mg/kg	0.61	0.11	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Lead, Total	0.89	J	mg/kg	3.1	0.13	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Mercury, Total	0.08	J	mg/kg	0.10	0.02	1	07/06/16 10:40	07/11/16 18:23	EPA 7471B	1,7471B	EA
Nickel, Total	110		mg/kg	1.5	0.24	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Selenium, Total	1.1	J	mg/kg	1.2	0.16	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.61	0.12	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.2	0.20	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH
Zinc, Total	2000		mg/kg	3.1	0.43	1	07/06/16 05:50	07/08/16 00:19	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-13
 Client ID: P3-6 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 46%

Date Collected: 06/29/16 09:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.3	0.68	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Arsenic, Total	0.86		mg/kg	0.86	0.28	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.43	0.09	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.86	0.06	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Chromium, Total	0.73	J	mg/kg	0.86	0.14	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Copper, Total	1.4		mg/kg	0.86	0.15	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.3	0.19	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.14	0.03	1	07/06/16 10:40	07/11/16 18:25	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.1	0.34	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Selenium, Total	1.1	J	mg/kg	1.7	0.23	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.86	0.17	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.27	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH
Zinc, Total	550		mg/kg	4.3	0.60	1	07/06/16 05:50	07/08/16 00:24	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-14
 Client ID: P3-5 (6-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 56%

Date Collected: 06/29/16 09:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.5	0.56	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Arsenic, Total	1.3		mg/kg	0.71	0.23	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.35	0.08	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Cadmium, Total	0.09	J	mg/kg	0.71	0.05	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Chromium, Total	2.4		mg/kg	0.71	0.12	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Copper, Total	3.7		mg/kg	0.71	0.13	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Lead, Total	1.9	J	mg/kg	3.5	0.16	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 18:27	EPA 7471B	1,7471B	EA
Nickel, Total	3.7		mg/kg	1.8	0.28	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.4	0.19	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.71	0.14	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH
Zinc, Total	29		mg/kg	3.5	0.50	1	07/06/16 05:50	07/08/16 00:28	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-15
 Client ID: P3-4 (6-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 49%

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.8	0.62	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Arsenic, Total	1.1		mg/kg	0.77	0.25	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.38	0.09	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.77	0.05	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Chromium, Total	0.59	J	mg/kg	0.77	0.13	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Copper, Total	1.8		mg/kg	0.77	0.14	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	3.8	0.17	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/11/16 18:28	EPA 7471B	1,7471B	EA
Nickel, Total	4.0		mg/kg	1.9	0.31	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Selenium, Total	2.8		mg/kg	1.5	0.21	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.77	0.15	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.5	0.25	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH
Zinc, Total	5.9		mg/kg	3.8	0.54	1	07/06/16 05:50	07/08/16 00:33	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-16
 Client ID: P3-4 (10-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 43%

Date Collected: 06/29/16 10:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.5	0.73	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Arsenic, Total	2.1		mg/kg	0.91	0.30	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Beryllium, Total	0.11	J	mg/kg	0.45	0.10	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.91	0.06	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Chromium, Total	4.8		mg/kg	0.91	0.15	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Copper, Total	7.5		mg/kg	0.91	0.16	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.5	0.20	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/11/16 18:30	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.3	0.36	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Selenium, Total	2.8		mg/kg	1.8	0.24	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.91	0.18	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.29	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH
Zinc, Total	15		mg/kg	4.5	0.64	1	07/06/16 05:50	07/08/16 01:21	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-17
 Client ID: P3-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 53%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.58	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Arsenic, Total	2.4		mg/kg	0.72	0.24	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.72	0.05	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Chromium, Total	2.2		mg/kg	0.72	0.12	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Copper, Total	6.7		mg/kg	0.72	0.13	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Lead, Total	5.6		mg/kg	3.6	0.16	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 18:32	EPA 7471B	1,7471B	EA
Nickel, Total	8.7		mg/kg	1.8	0.29	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Selenium, Total	2.1		mg/kg	1.4	0.19	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.72	0.14	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Thallium, Total	0.53	J	mg/kg	1.4	0.23	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH
Zinc, Total	190		mg/kg	3.6	0.50	1	07/06/16 05:50	07/08/16 01:25	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-18
 Client ID: P3-3 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 49%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.0	0.64	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Arsenic, Total	1.9		mg/kg	0.80	0.26	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.40	0.09	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.80	0.06	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Chromium, Total	1.4		mg/kg	0.80	0.14	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Copper, Total	2.8		mg/kg	0.80	0.14	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Lead, Total	2.1	J	mg/kg	4.0	0.18	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/11/16 18:34	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.0	0.32	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Selenium, Total	2.6		mg/kg	1.6	0.22	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.80	0.16	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Thallium, Total	3.3		mg/kg	1.6	0.26	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH
Zinc, Total	30		mg/kg	4.0	0.56	1	07/06/16 05:50	07/08/16 01:30	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-19
 Client ID: P3-3 (12-14)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 06/29/16 11:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.6	0.42	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Arsenic, Total	3.7		mg/kg	0.53	0.18	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.26	0.06	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.53	0.04	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Chromium, Total	1.1		mg/kg	0.53	0.09	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Copper, Total	0.74		mg/kg	0.53	0.10	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	26	1.2	10	07/06/16 05:50	07/08/16 02:33	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.09	0.02	1	07/06/16 10:40	07/11/16 18:40	EPA 7471B	1,7471B	EA
Nickel, Total	0.86	J	mg/kg	1.3	0.21	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Selenium, Total	0.49	J	mg/kg	1.1	0.14	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.53	0.11	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Thallium, Total	0.33	J	mg/kg	1.1	0.17	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH
Zinc, Total	4.1		mg/kg	2.6	0.37	1	07/06/16 05:50	07/08/16 01:34	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-20
 Client ID: P3-2 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 43%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.6	0.74	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Arsenic, Total	0.99		mg/kg	0.92	0.30	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.46	0.10	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.07	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Chromium, Total	1.0		mg/kg	0.92	0.16	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Copper, Total	1.1		mg/kg	0.92	0.17	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.6	0.20	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/11/16 18:41	EPA 7471B	1,7471B	EA
Nickel, Total	4.6		mg/kg	2.3	0.37	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Selenium, Total	2.5		mg/kg	1.8	0.25	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Thallium, Total	0.40	J	mg/kg	1.8	0.30	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH
Zinc, Total	12		mg/kg	4.6	0.65	1	07/06/16 05:50	07/08/16 01:39	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-21
 Client ID: P3-2 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 53%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.58	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Arsenic, Total	0.629	J	mg/kg	0.723	0.238	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.72	0.05	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Chromium, Total	4.8		mg/kg	0.72	0.12	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Copper, Total	15		mg/kg	0.72	0.13	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Lead, Total	2.9	J	mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 18:47	EPA 7471B	1,7471B	EA
Nickel, Total	8.8		mg/kg	1.8	0.29	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Selenium, Total	2.0		mg/kg	1.4	0.20	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.72	0.14	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH
Zinc, Total	15		mg/kg	3.6	0.51	1	07/06/16 06:39	07/08/16 16:33	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-22
 Client ID: P3-10 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 60%

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.3	0.53	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Arsenic, Total	1.3		mg/kg	0.66	0.22	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.33	0.07	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.66	0.05	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Chromium, Total	2.0		mg/kg	0.66	0.11	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Copper, Total	3.8		mg/kg	0.66	0.12	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Lead, Total	3.7		mg/kg	3.3	0.14	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 18:55	EPA 7471B	1,7471B	EA
Nickel, Total	28		mg/kg	1.6	0.26	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Selenium, Total	0.69	J	mg/kg	1.3	0.18	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.66	0.13	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.3	0.21	1	07/06/16 06:39	07/08/16 17:01	EPA 3050B	1,6010C	JH
Zinc, Total	3300		mg/kg	16	2.3	5	07/06/16 06:39	07/11/16 17:44	EPA 3050B	1,6010C	PS



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-23
 Client ID: P3-10 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 58%

Date Collected: 06/29/16 12:10
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.54	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Arsenic, Total	0.53	J	mg/kg	0.68	0.22	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.34	0.07	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.68	0.05	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Chromium, Total	0.72		mg/kg	0.68	0.12	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Copper, Total	3.8		mg/kg	0.68	0.12	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Lead, Total	0.95	J	mg/kg	3.4	0.15	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 18:57	EPA 7471B	1,7471B	EA
Nickel, Total	9.8		mg/kg	1.7	0.27	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Selenium, Total	2.5		mg/kg	1.4	0.18	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.68	0.14	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH
Zinc, Total	480		mg/kg	3.4	0.47	1	07/06/16 06:39	07/08/16 17:05	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-24
 Client ID: P1-5 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 60%

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.2	0.52	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Arsenic, Total	4.0		mg/kg	0.65	0.21	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Beryllium, Total	0.13	J	mg/kg	0.32	0.07	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Cadmium, Total	0.39	J	mg/kg	0.65	0.05	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Chromium, Total	8.5		mg/kg	0.65	0.11	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Copper, Total	27		mg/kg	0.65	0.12	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Lead, Total	180		mg/kg	3.2	0.14	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Mercury, Total	0.14		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 19:02	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	1.6	0.26	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Selenium, Total	1.3		mg/kg	1.3	0.17	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.65	0.13	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.3	0.21	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Zinc, Total	1300		mg/kg	3.2	0.45	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-25
 Client ID: P1-5 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 54%

Date Collected: 06/29/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.57	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Arsenic, Total	0.56	J	mg/kg	0.71	0.24	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.71	0.05	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Chromium, Total	0.25	J	mg/kg	0.71	0.12	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Copper, Total	1.6		mg/kg	0.71	0.13	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Lead, Total	0.66	J	mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 19:04	EPA 7471B	1,7471B	EA
Nickel, Total	2.4		mg/kg	1.8	0.28	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Selenium, Total	2.1		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.71	0.14	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH
Zinc, Total	110		mg/kg	3.6	0.50	1	07/06/16 06:39	07/08/16 17:14	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-26
 Client ID: P1-4 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 55%

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.58	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Arsenic, Total	7.2		mg/kg	0.72	0.24	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.72	0.05	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Chromium, Total	4.1		mg/kg	0.72	0.12	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.72	0.13	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Lead, Total	22		mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Mercury, Total	0.05	J	mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 19:06	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	1.8	0.29	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Selenium, Total	1.4		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.72	0.14	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH
Zinc, Total	210		mg/kg	3.6	0.50	1	07/06/16 06:39	07/08/16 17:18	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-27
 Client ID: P1-4 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 55%

Date Collected: 06/29/16 12:35
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.55	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Arsenic, Total	26		mg/kg	0.69	0.23	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.34	0.08	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Cadmium, Total	3.1		mg/kg	0.69	0.05	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Chromium, Total	19		mg/kg	0.69	0.12	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Copper, Total	940		mg/kg	0.69	0.12	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Lead, Total	190		mg/kg	3.4	0.15	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Mercury, Total	0.06	J	mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 19:08	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	1.7	0.28	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Selenium, Total	2.2		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.69	0.14	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH
Zinc, Total	770		mg/kg	3.4	0.48	1	07/06/16 06:39	07/08/16 17:22	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-28
 Client ID: P1-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.4	0.38	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Arsenic, Total	4.5		mg/kg	0.47	0.16	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.24	0.05	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.47	0.03	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.47	0.08	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.47	0.09	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Lead, Total	12		mg/kg	2.4	0.10	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:10	EPA 7471B	1,7471B	EA
Nickel, Total	17		mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.95	0.13	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.47	0.10	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.95	0.15	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH
Zinc, Total	34		mg/kg	2.4	0.33	1	07/06/16 06:39	07/08/16 17:26	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-29
 Client ID: P1-3 (8-12)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 55%

Date Collected: 06/29/16 12:45
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.57	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Arsenic, Total	0.49	J	mg/kg	0.71	0.24	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.71	0.05	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Chromium, Total	2.9		mg/kg	0.71	0.12	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Copper, Total	7.1		mg/kg	0.71	0.13	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Lead, Total	2.8	J	mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/11/16 19:12	EPA 7471B	1,7471B	EA
Nickel, Total	5.3		mg/kg	1.8	0.28	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Selenium, Total	1.6		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.71	0.14	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH
Zinc, Total	38		mg/kg	3.6	0.50	1	07/06/16 06:39	07/08/16 17:30	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-30
 Client ID: P4-1 (0-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.3	0.36	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	0.45	0.15	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Beryllium, Total	0.13	J	mg/kg	0.23	0.05	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Cadmium, Total	1.9		mg/kg	0.45	0.03	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Chromium, Total	7.9		mg/kg	0.45	0.08	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Copper, Total	310		mg/kg	0.45	0.08	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Lead, Total	380		mg/kg	2.3	0.10	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Mercury, Total	0.35		mg/kg	0.07	0.02	1	07/06/16 10:40	07/11/16 19:14	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	1.1	0.18	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Selenium, Total	0.67	J	mg/kg	0.90	0.12	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Silver, Total	1.0		mg/kg	0.45	0.09	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.90	0.14	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH
Zinc, Total	780		mg/kg	2.3	0.32	1	07/06/16 06:39	07/08/16 17:34	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-31
 Client ID: P4-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 43%

Date Collected: 06/29/16 13:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.5	0.72	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Arsenic, Total	17		mg/kg	0.90	0.30	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.45	0.10	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Cadmium, Total	0.40	J	mg/kg	0.90	0.06	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Chromium, Total	24		mg/kg	0.90	0.15	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Copper, Total	120		mg/kg	0.90	0.16	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Lead, Total	37		mg/kg	4.5	0.20	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/11/16 19:15	EPA 7471B	1,7471B	EA
Nickel, Total	19		mg/kg	2.2	0.36	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Selenium, Total	0.89	J	mg/kg	1.8	0.24	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Silver, Total	0.19	J	mg/kg	0.90	0.18	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.29	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH
Zinc, Total	390		mg/kg	4.5	0.63	1	07/06/16 06:39	07/08/16 17:38	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-32
 Client ID: P4-2 (2-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	11	1.7	5	07/06/16 06:39	07/11/16 17:49	EPA 3050B	1,6010C	PS
Arsenic, Total	21		mg/kg	0.44	0.14	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Beryllium, Total	0.29		mg/kg	0.22	0.05	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Cadmium, Total	4.1		mg/kg	0.44	0.03	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Chromium, Total	7.7		mg/kg	0.44	0.07	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Copper, Total	480		mg/kg	0.44	0.08	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Lead, Total	220		mg/kg	2.2	0.10	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Mercury, Total	0.32		mg/kg	0.07	0.02	1	07/06/16 10:40	07/11/16 19:17	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	1.1	0.17	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Selenium, Total	0.98		mg/kg	0.87	0.12	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Silver, Total	1.1		mg/kg	0.44	0.09	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.87	0.14	1	07/06/16 06:39	07/08/16 18:10	EPA 3050B	1,6010C	JH
Zinc, Total	2300		mg/kg	11	1.5	5	07/06/16 06:39	07/11/16 17:49	EPA 3050B	1,6010C	PS



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-33
 Client ID: P4-2 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 06/29/16 13:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.3	0.37	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Arsenic, Total	7.4		mg/kg	0.46	0.15	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Beryllium, Total	0.23		mg/kg	0.23	0.05	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Cadmium, Total	2.0		mg/kg	0.46	0.03	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Chromium, Total	7.0		mg/kg	0.46	0.08	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Copper, Total	58		mg/kg	0.46	0.08	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Lead, Total	430		mg/kg	2.3	0.10	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Mercury, Total	0.15		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:19	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	1.1	0.18	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Selenium, Total	1.2		mg/kg	0.92	0.12	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Silver, Total	0.11	J	mg/kg	0.46	0.09	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.92	0.15	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH
Zinc, Total	740		mg/kg	2.3	0.32	1	07/06/16 06:39	07/08/16 18:14	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-35
 Client ID: P4-3 (2.5-3)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	24	3.8	10	07/06/16 06:39	07/11/16 17:53	EPA 3050B	1,6010C	PS
Arsenic, Total	57		mg/kg	0.47	0.16	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Beryllium, Total	0.16	J	mg/kg	0.24	0.05	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Cadmium, Total	25		mg/kg	0.47	0.03	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Chromium, Total	5.7		mg/kg	0.47	0.08	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Copper, Total	2200		mg/kg	0.47	0.09	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Lead, Total	440		mg/kg	2.4	0.10	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Mercury, Total	0.54		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:25	EPA 7471B	1,7471B	EA
Nickel, Total	7.4		mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Selenium, Total	0.93	J	mg/kg	0.94	0.13	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Silver, Total	8.6		mg/kg	0.47	0.09	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Thallium, Total	0.84	J	mg/kg	0.94	0.15	1	07/06/16 06:39	07/08/16 18:18	EPA 3050B	1,6010C	JH
Zinc, Total	9800		mg/kg	24	3.3	10	07/06/16 06:39	07/11/16 17:53	EPA 3050B	1,6010C	PS



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-36
 Client ID: P4-3 (4-6)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 06/29/16 13:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.4	0.38	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Arsenic, Total	3.9		mg/kg	0.48	0.16	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Beryllium, Total	0.12	J	mg/kg	0.24	0.05	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.48	0.03	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Chromium, Total	8.9		mg/kg	0.48	0.08	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Copper, Total	30		mg/kg	0.48	0.09	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Lead, Total	29		mg/kg	2.4	0.10	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Mercury, Total	0.14		mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:27	EPA 7471B	1,7471B	EA
Nickel, Total	4.8		mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Selenium, Total	0.24	J	mg/kg	0.95	0.13	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.48	0.10	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.95	0.15	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH
Zinc, Total	58		mg/kg	2.4	0.33	1	07/06/16 06:39	07/08/16 18:22	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-37
 Client ID: P1-2 (3-4)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 06/29/16 14:20
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.3	0.38	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Arsenic, Total	0.31	J	mg/kg	0.47	0.16	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Beryllium, Total	0.39		mg/kg	0.23	0.05	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Cadmium, Total	0.30	J	mg/kg	0.47	0.03	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Chromium, Total	22		mg/kg	0.47	0.08	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Copper, Total	11		mg/kg	0.47	0.08	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Lead, Total	5.2		mg/kg	2.3	0.10	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 19:28	EPA 7471B	1,7471B	EA
Nickel, Total	33		mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.94	0.13	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.47	0.09	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.94	0.15	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH
Zinc, Total	640		mg/kg	2.3	0.33	1	07/06/16 06:39	07/08/16 18:26	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-38
 Client ID: P1-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.7	0.44	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Arsenic, Total	2.1		mg/kg	0.55	0.18	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.27	0.06	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Cadmium, Total	0.16	J	mg/kg	0.55	0.04	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Chromium, Total	1.5		mg/kg	0.55	0.09	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Copper, Total	21		mg/kg	0.55	0.10	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Lead, Total	32		mg/kg	2.7	0.12	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.10	0.02	1	07/06/16 10:40	07/11/16 19:30	EPA 7471B	1,7471B	EA
Nickel, Total	3.8		mg/kg	1.4	0.22	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Selenium, Total	2.2		mg/kg	1.1	0.15	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.55	0.11	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.1	0.17	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH
Zinc, Total	150		mg/kg	2.7	0.38	1	07/06/16 06:39	07/08/16 18:30	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-39
 Client ID: P1-1 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 54%

Date Collected: 06/30/16 08:30
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.5	0.57	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Arsenic, Total	16		mg/kg	0.71	0.23	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Beryllium, Total	0.18	J	mg/kg	0.35	0.08	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Cadmium, Total	2.3		mg/kg	0.71	0.05	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Chromium, Total	9.0		mg/kg	0.71	0.12	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Copper, Total	110		mg/kg	0.71	0.13	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Lead, Total	170		mg/kg	3.5	0.16	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/11/16 19:32	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	1.8	0.28	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Selenium, Total	1.2	J	mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.71	0.14	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH
Zinc, Total	480		mg/kg	3.5	0.50	1	07/06/16 06:39	07/08/16 18:34	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-40
 Client ID: P2-1 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 60%

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.3	0.53	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Arsenic, Total	5.9		mg/kg	0.66	0.22	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.33	0.07	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Cadmium, Total	0.90		mg/kg	0.66	0.05	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Chromium, Total	5.5		mg/kg	0.66	0.11	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Copper, Total	26		mg/kg	0.66	0.12	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Lead, Total	60		mg/kg	3.3	0.14	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Mercury, Total	0.16		mg/kg	0.11	0.02	1	07/06/16 10:40	07/11/16 19:34	EPA 7471B	1,7471B	EA
Nickel, Total	8.3		mg/kg	1.6	0.26	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Selenium, Total	2.4		mg/kg	1.3	0.18	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.66	0.13	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.3	0.21	1	07/06/16 06:39	07/08/16 18:38	EPA 3050B	1,6010C	JH
Zinc, Total	2600		mg/kg	16	2.3	5	07/06/16 06:39	07/11/16 18:33	EPA 3050B	1,6010C	PS



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-41
 Client ID: P2-1 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 52%

Date Collected: 06/30/16 08:40
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.8	0.60	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Arsenic, Total	4.5		mg/kg	0.75	0.25	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.38	0.08	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.75	0.05	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Chromium, Total	0.17	J	mg/kg	0.75	0.13	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Copper, Total	0.94		mg/kg	0.75	0.14	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Lead, Total	0.20	J	mg/kg	3.8	0.16	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/11/16 19:36	EPA 7471B	1,7471B	EA
Nickel, Total	3.1		mg/kg	1.9	0.30	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Selenium, Total	1.3	J	mg/kg	1.5	0.20	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.75	0.15	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.5	0.24	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH
Zinc, Total	560		mg/kg	3.8	0.53	1	07/06/16 06:39	07/08/16 18:42	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-43
 Client ID: P2-2 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 65%

Date Collected: 06/30/16 09:05
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.0	0.48	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Arsenic, Total	3.1		mg/kg	0.60	0.20	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Beryllium, Total	0.16	J	mg/kg	0.30	0.07	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.60	0.04	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Chromium, Total	7.7		mg/kg	0.60	0.10	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Copper, Total	13		mg/kg	0.60	0.11	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Lead, Total	23		mg/kg	3.0	0.13	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Mercury, Total	0.11		mg/kg	0.10	0.02	1	07/06/16 10:40	07/07/16 10:50	EPA 7471B	1,7471B	BV
Nickel, Total	9.1		mg/kg	1.5	0.24	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Selenium, Total	0.57	J	mg/kg	1.2	0.16	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.60	0.12	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Thallium, Total	0.21	J	mg/kg	1.2	0.19	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH
Zinc, Total	180		mg/kg	3.0	0.42	1	07/06/16 06:39	07/08/16 17:06	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-44
 Client ID: P2-3 (8-10)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 44%

Date Collected: 06/30/16 09:25
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.5	0.71	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Arsenic, Total	5.4		mg/kg	0.89	0.29	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.45	0.10	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Cadmium, Total	2.0		mg/kg	0.89	0.06	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Chromium, Total	1.8		mg/kg	0.89	0.15	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Copper, Total	39		mg/kg	0.89	0.16	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Lead, Total	70		mg/kg	4.5	0.20	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.15	0.03	1	07/06/16 10:40	07/07/16 10:25	EPA 7471B	1,7471B	BV
Nickel, Total	3.3		mg/kg	2.2	0.36	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Selenium, Total	0.53	J	mg/kg	1.8	0.24	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.89	0.18	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Thallium, Total	0.28	J	mg/kg	1.8	0.28	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH
Zinc, Total	850		mg/kg	4.5	0.62	1	07/06/16 06:39	07/08/16 15:52	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-45
 Client ID: DUP01
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 49%

Date Collected: 06/29/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	4.0	0.64	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Arsenic, Total	ND		mg/kg	0.80	0.26	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.40	0.09	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.80	0.06	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Chromium, Total	0.74	J	mg/kg	0.80	0.14	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Copper, Total	0.95		mg/kg	0.80	0.14	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.0	0.18	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.13	0.03	1	07/06/16 10:40	07/07/16 10:52	EPA 7471B	1,7471B	BV
Nickel, Total	4.7		mg/kg	2.0	0.32	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Selenium, Total	2.8		mg/kg	1.6	0.22	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.80	0.16	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Thallium, Total	0.38	J	mg/kg	1.6	0.26	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH
Zinc, Total	4.9		mg/kg	4.0	0.56	1	07/06/16 06:39	07/08/16 17:10	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-46
 Client ID: DUP02
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 59%

Date Collected: 06/30/16 12:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.4	0.54	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Arsenic, Total	2.5		mg/kg	0.68	0.22	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.34	0.07	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.68	0.05	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Chromium, Total	0.81		mg/kg	0.68	0.11	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Copper, Total	3.5		mg/kg	0.68	0.12	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Lead, Total	0.57	J	mg/kg	3.4	0.15	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.11	0.02	1	07/06/16 10:40	07/07/16 10:53	EPA 7471B	1,7471B	BV
Nickel, Total	3.6		mg/kg	1.7	0.27	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Selenium, Total	2.0		mg/kg	1.4	0.18	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.68	0.14	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.22	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH
Zinc, Total	53		mg/kg	3.4	0.47	1	07/06/16 06:39	07/08/16 17:15	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-47
 Client ID: DUP03
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 55%

Date Collected: 06/30/16 13:00
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.6	0.58	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Arsenic, Total	4.2		mg/kg	0.72	0.24	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.36	0.08	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.72	0.05	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Chromium, Total	1.0		mg/kg	0.72	0.12	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Copper, Total	1.6		mg/kg	0.72	0.13	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Lead, Total	0.53	J	mg/kg	3.6	0.16	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.12	0.03	1	07/06/16 10:40	07/07/16 10:55	EPA 7471B	1,7471B	BV
Nickel, Total	3.1		mg/kg	1.8	0.29	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Selenium, Total	2.4		mg/kg	1.4	0.19	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.72	0.14	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.4	0.23	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH
Zinc, Total	450		mg/kg	3.6	0.50	1	07/06/16 06:39	07/08/16 17:19	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-48
 Client ID: P2-3 (4-8)
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 63%

Date Collected: 06/30/16 09:15
 Date Received: 06/30/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	3.2	0.51	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Arsenic, Total	1.2		mg/kg	0.63	0.21	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.32	0.07	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Cadmium, Total	2.1		mg/kg	0.63	0.04	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Chromium, Total	0.30	J	mg/kg	0.63	0.11	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Copper, Total	2.7		mg/kg	0.63	0.11	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Lead, Total	25		mg/kg	3.2	0.14	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Mercury, Total	0.05	J	mg/kg	0.10	0.02	1	07/06/16 10:40	07/07/16 10:57	EPA 7471B	1,7471B	BV
Nickel, Total	2.1		mg/kg	1.6	0.25	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Selenium, Total	0.58	J	mg/kg	1.3	0.17	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.63	0.13	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Thallium, Total	0.22	J	mg/kg	1.3	0.20	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH
Zinc, Total	840		mg/kg	3.2	0.44	1	07/06/16 06:39	07/08/16 18:02	EPA 3050B	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG910523-1									
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.13	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.07	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.07	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.09	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.11	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.13	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/06/16 05:50	07/07/16 22:10	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-33,35-41 Batch: WG910524-1									
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.13	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.07	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.07	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.09	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.11	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.13	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/06/16 06:39	07/08/16 16:13	1,6010C	JH



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 43-48 Batch: WG910525-1									
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.13	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.07	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.07	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.09	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.11	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.13	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/06/16 06:39	07/08/16 15:44	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG910528-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 17:45	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-33,35-41 Batch: WG910529-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/06/16 10:40	07/11/16 18:43	1,7471B	EA



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 43-48 Batch: WG910536-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/06/16 10:40	07/07/16 10:18	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B



Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 07/13/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG910523-2 SRM Lot Number: D089-540								
Antimony, Total	152		-		1-197	-		
Arsenic, Total	108		-		80-120	-		
Beryllium, Total	98		-		82-117	-		
Cadmium, Total	103		-		82-117	-		
Chromium, Total	112		-		79-121	-		
Copper, Total	102		-		80-119	-		
Lead, Total	94		-		81-119	-		
Nickel, Total	101		-		82-117	-		
Selenium, Total	99		-		78-121	-		
Silver, Total	106		-		75-125	-		
Thallium, Total	99		-		79-120	-		
Zinc, Total	104		-		80-119	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 07/13/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 Batch: WG910524-2 SRM Lot Number: D089-540					
Antimony, Total	133	-	1-197	-	
Arsenic, Total	100	-	80-120	-	
Beryllium, Total	98	-	82-117	-	
Cadmium, Total	95	-	82-117	-	
Chromium, Total	98	-	79-121	-	
Copper, Total	98	-	80-119	-	
Lead, Total	100	-	81-119	-	
Nickel, Total	101	-	82-117	-	
Selenium, Total	99	-	78-121	-	
Silver, Total	94	-	75-125	-	
Thallium, Total	93	-	79-120	-	
Zinc, Total	98	-	80-119	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 43-48 Batch: WG910525-2 SRM Lot Number: D089-540					
Antimony, Total	143	-	1-197	-	
Arsenic, Total	95	-	80-120	-	
Beryllium, Total	89	-	82-117	-	
Cadmium, Total	87	-	82-117	-	
Chromium, Total	100	-	79-121	-	
Copper, Total	92	-	80-119	-	
Lead, Total	82	-	81-119	-	
Nickel, Total	90	-	82-117	-	
Selenium, Total	89	-	78-121	-	
Silver, Total	92	-	75-125	-	
Thallium, Total	86	-	79-120	-	
Zinc, Total	89	-	80-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG910528-2 SRM Lot Number: D089-540					
Mercury, Total	123	-	57-143	-	
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 Batch: WG910529-2 SRM Lot Number: D089-540					
Mercury, Total	123	-	57-143	-	
Total Metals - Mansfield Lab Associated sample(s): 43-48 Batch: WG910536-2 SRM Lot Number: D089-540					
Mercury, Total	109	-	57-143	-	



Matrix Spike Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910523-4 QC Sample: L1620368-01 Client ID: P3-1 (0-4)												
Antimony, Total	3.8	52.8	31	52	Q	-	-		75-125	-		20
Arsenic, Total	71.	12.7	77	47	Q	-	-		75-125	-		20
Beryllium, Total	0.85	5.28	3.7	54	Q	-	-		75-125	-		20
Cadmium, Total	53.	5.39	50	0	Q	-	-		75-125	-		20
Chromium, Total	6.2	21.1	17	51	Q	-	-		75-125	-		20
Copper, Total	1400	26.4	1400	0	Q	-	-		75-125	-		20
Lead, Total	1600	53.9	1400	0	Q	-	-		75-125	-		20
Nickel, Total	36.	52.8	49	25	Q	-	-		75-125	-		20
Selenium, Total	0.34J	12.7	7.0	55	Q	-	-		75-125	-		20
Silver, Total	3.8	31.7	23	60	Q	-	-		75-125	-		20
Thallium, Total	1.2	12.7	6.5	42	Q	-	-		75-125	-		20
Zinc, Total	16000	52.8	14000	0	Q	-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 QC Batch ID: WG910524-4 QC Sample: L1620368-21 Client ID: P3-2 (8-10)									
Antimony, Total	ND	75.3	64	85	-	-	75-125	-	20
Arsenic, Total	0.629J	18.1	18	100	-	-	75-125	-	20
Beryllium, Total	ND	7.53	5.6	74	Q	-	75-125	-	20
Cadmium, Total	ND	7.68	5.9	77	-	-	75-125	-	20
Chromium, Total	4.8	30.1	28	77	-	-	75-125	-	20
Copper, Total	15.	37.6	46	82	-	-	75-125	-	20
Lead, Total	2.9J	76.8	59	77	-	-	75-125	-	20
Nickel, Total	8.8	75.3	62	71	Q	-	75-125	-	20
Selenium, Total	2.0	18.1	19	94	-	-	75-125	-	20
Silver, Total	ND	45.2	42	93	-	-	75-125	-	20
Thallium, Total	ND	18.1	12	66	Q	-	75-125	-	20
Zinc, Total	15.	75.3	67	69	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 43-48 QC Batch ID: WG910525-3 WG910525-4 QC Sample: L1620368-44 Client ID: P2-3 (8-10)									
Antimony, Total	ND	90.2	75	83	78	88	75-125	4	20
Arsenic, Total	5.4	21.6	25	90	25	92	75-125	0	20
Beryllium, Total	ND	9.02	7.9	88	7.4	83	75-125	7	20
Cadmium, Total	2.0	9.2	9.9	86	8.9	76	75-125	11	20
Chromium, Total	1.8	36.1	31	81	30	80	75-125	3	20
Copper, Total	39.	45.1	60	46	Q 66	61	Q 75-125	10	20
Lead, Total	70.	92	110	43	Q 120	55	Q 75-125	9	20
Nickel, Total	3.3	90.2	74	78	71	76	75-125	4	20
Selenium, Total	0.53J	21.6	16	74	Q 17	80	75-125	6	20
Silver, Total	ND	54.1	34	63	Q 51	96	75-125	40	Q 20
Thallium, Total	0.28J	21.6	16	74	Q 14	66	Q 75-125	13	20
Zinc, Total	850	90.2	1000	166	Q 900	56	Q 75-125	11	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910528-4 QC Sample: L1620368-01 Client ID: P3-1 (0-4)									
Mercury, Total	0.62	0.174	0.99	213	Q -	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 QC Batch ID: WG910529-4 QC Sample: L1620368-21 Client ID: P3-2 (8-10)									
Mercury, Total	ND	0.254	0.36	142	Q -	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 43-48 QC Batch ID: WG910536-3 WG910536-4 QC Sample: L1620368-44 Client ID: P2-3 (8-10)									
Mercury, Total	ND	0.308	0.54	175	Q 0.52	167	Q 80-120	4	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 07/13/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910523-3 QC Sample: L1620368-01 Client ID: P3-1 (0-4)						
Antimony, Total	3.8	3.7	mg/kg	3		20
Arsenic, Total	71.	60	mg/kg	17		20
Beryllium, Total	0.85	0.23J	mg/kg	NC		20
Cadmium, Total	53.	18	mg/kg	99	Q	20
Chromium, Total	6.2	8.6	mg/kg	32	Q	20
Copper, Total	1400	880	mg/kg	46	Q	20
Lead, Total	1600	1500	mg/kg	6		20
Nickel, Total	36.	13	mg/kg	94	Q	20
Selenium, Total	0.34J	0.71J	mg/kg	NC		20
Silver, Total	3.8	3.7	mg/kg	3		20
Thallium, Total	1.2	0.57J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910523-3 QC Sample: L1620368-01 Client ID: P3-1 (0-4)						
Zinc, Total	16000	6900	mg/kg	79	Q	20

Lab Duplicate Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 QC Batch ID: WG910524-3 QC Sample: L1620368-21 Client ID: P3-2 (8-10)					
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	0.629J	0.83	mg/kg	NC	20
Beryllium, Total	ND	ND	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Chromium, Total	4.8	4.7	mg/kg	2	20
Copper, Total	15.	13	mg/kg	14	20
Lead, Total	2.9J	3.5J	mg/kg	NC	20
Nickel, Total	8.8	8.4	mg/kg	5	20
Selenium, Total	2.0	2.0	mg/kg	0	20
Silver, Total	ND	ND	mg/kg	NC	20
Thallium, Total	ND	ND	mg/kg	NC	20
Zinc, Total	15.	18	mg/kg	18	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG910528-3 QC Sample: L1620368-01 Client ID: P3-1 (0-4)					
Mercury, Total	0.62	0.60	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 21-33,35-41 QC Batch ID: WG910529-3 QC Sample: L1620368-21 Client ID: P3-2 (8-10)					
Mercury, Total	ND	ND	mg/kg	NC	20



INORGANICS & MISCELLANEOUS

Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-01

Date Collected: 06/29/16 08:40

Client ID: P3-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.0		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-02

Date Collected: 06/29/16 08:40

Client ID: P3-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-03

Date Collected: 06/29/16 08:40

Client ID: P3-1 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	47.6		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-04

Date Collected: 06/29/16 08:40

Client ID: P3-1 (12-16)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	64.9		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-05

Date Collected: 06/29/16 08:55

Client ID: P3-9 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-06

Date Collected: 06/29/16 08:55

Client ID: P3-9 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	48.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-07

Date Collected: 06/29/16 08:55

Client ID: P3-9 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.8		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-08

Date Collected: 06/29/16 08:55

Client ID: P3-9 (12-16)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	58.0		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-09

Date Collected: 06/29/16 09:05

Client ID: P3-8 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-10

Date Collected: 06/29/16 09:15

Client ID: P3-7 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.3		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-11

Date Collected: 06/29/16 09:15

Client ID: P3-7 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	44.6		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-12

Date Collected: 06/29/16 09:20

Client ID: P3-6 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-13

Date Collected: 06/29/16 09:20

Client ID: P3-6 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	45.6		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-14

Date Collected: 06/29/16 09:35

Client ID: P3-5 (6-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	55.8		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-15

Date Collected: 06/29/16 10:45

Client ID: P3-4 (6-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	49.4		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-16

Date Collected: 06/29/16 10:45

Client ID: P3-4 (10-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	43.2		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-17

Date Collected: 06/29/16 11:30

Client ID: P3-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.4		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-18

Date Collected: 06/29/16 11:30

Client ID: P3-3 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	48.8		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-19

Date Collected: 06/29/16 11:30

Client ID: P3-3 (12-14)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.7		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-20

Date Collected: 06/29/16 12:00

Client ID: P3-2 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	42.7		%	0.100	NA	1	-	07/07/16 05:58	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-21

Date Collected: 06/29/16 12:00

Client ID: P3-2 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.0		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-22

Date Collected: 06/29/16 12:10

Client ID: P3-10 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	59.7		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-23

Date Collected: 06/29/16 12:10

Client ID: P3-10 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	57.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-24

Date Collected: 06/29/16 13:00

Client ID: P1-5 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.4		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-25

Date Collected: 06/29/16 13:00

Client ID: P1-5 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-26

Date Collected: 06/29/16 12:35

Client ID: P1-4 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-27

Date Collected: 06/29/16 12:35

Client ID: P1-4 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	55.2		%	0.100	NA	1	-	07/12/16 09:49	121,2540G	RI



Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS****Lab ID:** L1620368-28**Date Collected:** 06/29/16 12:45**Client ID:** P1-3 (4-8)**Date Received:** 06/30/16**Sample Location:** SYRACUSE, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-29

Date Collected: 06/29/16 12:45

Client ID: P1-3 (8-12)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-30

Date Collected: 06/29/16 13:05

Client ID: P4-1 (0-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-31

Date Collected: 06/29/16 13:05

Client ID: P4-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	42.7		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-32

Date Collected: 06/29/16 13:15

Client ID: P4-2 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS****Lab ID:** L1620368-33**Date Collected:** 06/29/16 13:15**Client ID:** P4-2 (4-6)**Date Received:** 06/30/16**Sample Location:** SYRACUSE, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-34

Date Collected: 06/29/16 13:30

Client ID: P4-3 (2-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-35

Date Collected: 06/29/16 13:30

Client ID: P4-3 (2.5-3)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	82.5		%	0.100	0.100	1	-	07/11/16 16:01	121,2540G	SP



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-36

Date Collected: 06/29/16 13:30

Client ID: P4-3 (4-6)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-37

Date Collected: 06/29/16 14:20

Client ID: P1-2 (3-4)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-38

Date Collected: 06/30/16 08:30

Client ID: P1-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-39

Date Collected: 06/30/16 08:30

Client ID: P1-1 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.3		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-40

Date Collected: 06/30/16 08:40

Client ID: P2-1 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	59.6		%	0.100	NA	1	-	07/07/16 06:07	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-41

Date Collected: 06/30/16 08:40

Client ID: P2-1 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	52.3		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-42

Date Collected: 06/30/16 09:05

Client ID: P2-2 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.6		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES**Lab Number:** L1620368**Project Number:** 15209**Report Date:** 07/13/16**SAMPLE RESULTS**

Lab ID: L1620368-43

Date Collected: 06/30/16 09:05

Client ID: P2-2 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.0		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-44

Date Collected: 06/30/16 09:25

Client ID: P2-3 (8-10)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	43.8		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-45

Date Collected: 06/29/16 12:00

Client ID: DUP01

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	49.3		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-46

Date Collected: 06/30/16 12:00

Client ID: DUP02

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	58.9		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-47

Date Collected: 06/30/16 13:00

Client ID: DUP03

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.7		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

SAMPLE RESULTS

Lab ID: L1620368-48

Date Collected: 06/30/16 09:15

Client ID: P2-3 (4-8)

Date Received: 06/30/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.6		%	0.100	NA	1	-	07/07/16 05:52	121,2540G	VB



Lab Duplicate Analysis Batch Quality Control

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 41-48 QC Batch ID: WG910888-1 QC Sample: L1620628-46 Client ID: DUP Sample						
Solids, Total	94.4	94.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG910890-1 QC Sample: L1620368-01 Client ID: P3-1 (0-4)						
Solids, Total	73.0	72.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 21-26,28-34,36-40 QC Batch ID: WG910891-1 QC Sample: L1620368-21 Client ID: P3-2 (8-10)						
Solids, Total	53.0	49.6	%	7		20
General Chemistry - Mansfield Lab Associated sample(s): 35 QC Batch ID: WG912318-1 QC Sample: L1620989-02 Client ID: DUP Sample						
Solids, Total	53.6	52.2	%	3		10
General Chemistry - Westborough Lab Associated sample(s): 27 QC Batch ID: WG912577-1 QC Sample: L1620368-27 Client ID: P1-4 (8-12)						
Solids, Total	55.2	53.4	%	3		20



Project Name: EMBASSY SUITES

Lab Number: L1620368

Project Number: 15209

Report Date: 07/13/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler

A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-01A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-01A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-01B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-02A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-02A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-02B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-03A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-03A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-03B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-04A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-04A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-04B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-05A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-05A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-05B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days



Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 07/13/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-06A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-06A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-06B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-07A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-07A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-07B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-08A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-08A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-08B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-09A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-09A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-09B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-10A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-10A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-10B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-11A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-11A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-11B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-12A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-12A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: EMBASSY SUITES

Project Number: 15209

Lab Number: L1620368

Report Date: 07/13/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-12B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-13A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-13A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-13B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-14A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-14A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-14B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-15A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-15A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-15B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-16A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-16A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-16B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-17A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-17A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-17B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-18A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-18A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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L1620368-18B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-19A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-19A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-19B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-20A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-20A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-20B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-21A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-21A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-21B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-22A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-22A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-22B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-23A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-23A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-23B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-24A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-24A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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L1620368-24B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-25A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-25A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-25B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-26A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-26A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-26B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-27A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-27A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-27B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-28A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-28A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-28B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-29A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-29A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-29B	Metals Only - Glass 60mL/2oz unsp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-30A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-30A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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L1620368-30B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-30C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14)
L1620368-31A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-31A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-31B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-31C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14)
L1620368-32A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-32A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1620368-32B	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-32C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14)
L1620368-33A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-33A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-33B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-33C	Glass 120ml/4oz unpreserved	B	N/A	3.7	Y	Absent	NYTCL-8270(14)
L1620368-34A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-34A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-34B	Glass 120ml/4oz unpreserved	B	N/A	3.7	Y	Absent	NYTCL-8270(14),TS(7)
L1620368-35A	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),A2-TS(7),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-36A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-36A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

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L1620368-36B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-36C	Glass 120ml/4oz unpreserved	B	N/A	3.7	Y	Absent	NYTCL-8270(14)
L1620368-37A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-37A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-37B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-38A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-38A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-38B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-39A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-39A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-39B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-40A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-40A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-40B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-41A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-41A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-41B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-42A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-42A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-43A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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L1620368-43A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-43B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-44A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-44A1	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-44A2	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-44B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-44B1	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-44B2	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-45A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-45A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-45B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-46A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-46A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-46B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-47A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-47A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-47B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1620368-48A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	TS(7),NYTCL-8260(14)
L1620368-48A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	NYTCL-8260(14)
L1620368-48B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1620368-49A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	-
L1620368-49A1	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	-
L1620368-49B	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	-
L1620368-49B1	Metals Only - Glass 60mL/2oz unp	B	N/A	3.7	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: EMBASSY SUITES
Project Number: 15209

Lab Number: L1620368
Report Date: 07/13/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: **8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:** Lead; **8270D:** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, Ti; **EPA 200.7:** Ba, Be, Ca, Cd, Cr, Cu, Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Ti, Zn;
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Ti, Tl, V, Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



**NEW YORK
CHAIN OF
CUSTODY**

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page
2 of 45

Date Rec'd
in Lab **7/1/16**

ALPHA Job #
L1620368

Project Information

Project Name: **Embassy Suites**
Project Location: **Syracuse NY**
Project # **15209**

Deliverables

ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other

Billing Information

Same as Client Info
PO #

Client Information

Client: **Spectra ENV**
Address: **19 British Ambler
Latham NY**
Phone: **518 782 0882**
Fax:
Email:

Regulatory Requirement

NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ NY
 Other:

Turn-Around Time

Standard Due Date:
Rush (only if pre approved) # of Days:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

8260 + TICs	T. Mustals																		
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Sample Filtration

Done
 Lab to do
Preservation
 Lab to do

(Please Specify below)
Sample Specific Comments


ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Date	Time	Container Type	Preservative	Sample Specific Comments
		Date	Time							
20368 - 11	P3-7 (8-12)	6-27-16	0915	SO	JLK					
12	P3-6 (4-8)		0920							
13	P3-6 (8-12)		0920							
14	P3-5 (6-8)		0930							
15	P3-4 (6-8)		1045							
16	P3-4 (10-12)		1045							
17	P3-3 (4-8)		1130							
18	P3-3 (8-10)		n							
19	P3-3 (12-14)		n							
20	P3-2 (4-8)		1200							


Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By: **[Signature]** Date/Time: **6-30-16 1740**
Received By: **[Signature]** Date/Time: **6-30-16 1710**

Form No: 01-25 HC (rev. 30-Sept-2013)

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>3</u> of <u>45</u>	Date Rec'd in Lab <u>7/1/16</u>	ALPHA Job # <u>C1620369</u>																																										
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Project Information</th> <th style="width:25%;">Deliverables</th> <th style="width:25%;">Billing Information</th> </tr> <tr> <td>Project Name: <u>Embassy Suites</u></td> <td><input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B</td> <td><input type="checkbox"/> Same as Client Info</td> </tr> <tr> <td>Project Location: <u>Syracuse NY</u></td> <td><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)</td> <td>PO #</td> </tr> <tr> <td>Project # <u>15209</u></td> <td><input type="checkbox"/> Other</td> <td></td> </tr> <tr> <th>Client Information</th> <th>Regulatory Requirement</th> <th>Disposal Site Information</th> </tr> <tr> <td>Client: <u>Spectra Environmental Group</u></td> <td><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375</td> <td>Please identify below location of * applicable disposal facilities.</td> </tr> <tr> <td>Address: <u>19 Britnish American Blvd</u></td> <td><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51</td> <td>Disposal Facility:</td> </tr> <tr> <td>Latham, NY 12110</td> <td><input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other</td> <td><input type="checkbox"/> NJ <input type="checkbox"/> NY</td> </tr> <tr> <td>Phone: <u>518-782-0882</u></td> <td><input type="checkbox"/> NY Unrestricted Use</td> <td><input type="checkbox"/> Other:</td> </tr> <tr> <td>Fax:</td> <td><input type="checkbox"/> NYC Sewer Discharge</td> <td></td> </tr> <tr> <td>Email: <u>jkrikorian@spectraenv.com</u></td> <td></td> <td></td> </tr> <tr> <th>Turn-Around Time</th> <td colspan="2"></td> </tr> <tr> <td>Standard <input checked="" type="checkbox"/></td> <td>Due Date:</td> <td></td> </tr> <tr> <td>Rush (only if pre approved) <input type="checkbox"/></td> <td># of Days:</td> <td></td> </tr> </table>			Project Information	Deliverables	Billing Information	Project Name: <u>Embassy Suites</u>	<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B	<input type="checkbox"/> Same as Client Info	Project Location: <u>Syracuse NY</u>	<input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)	PO #	Project # <u>15209</u>	<input type="checkbox"/> Other		Client Information	Regulatory Requirement	Disposal Site Information	Client: <u>Spectra Environmental Group</u>	<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375	Please identify below location of * applicable disposal facilities.	Address: <u>19 Britnish American Blvd</u>	<input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51	Disposal Facility:	Latham, NY 12110	<input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other	<input type="checkbox"/> NJ <input type="checkbox"/> NY	Phone: <u>518-782-0882</u>	<input type="checkbox"/> NY Unrestricted Use	<input type="checkbox"/> Other:	Fax:	<input type="checkbox"/> NYC Sewer Discharge		Email: <u>jkrikorian@spectraenv.com</u>			Turn-Around Time			Standard <input checked="" type="checkbox"/>	Due Date:		Rush (only if pre approved) <input type="checkbox"/>	# of Days:
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These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)																																										
Other project specific requirements/comments:		Total Metals		Total Bottles																																										
Please specify Metals or TAL.		Sample Specific Comments																																												
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	NYTCL-826	NYTCL-8270	Total Metals																																						
		Date	Time																																											
<u>20368-21</u>	<u>P3-2 (8-10)</u>	<u>6-29-16</u>	<u>1700</u>	<u>SO</u>	<u>JCK</u>																																									
<u>22</u>	<u>P3-10 (4-8)</u>		<u>1210</u>																																											
<u>23</u>	<u>P3-10 (8-10)</u>		<u>11</u>																																											
<u>24</u>	<u>P1-5 (4-8)</u>		<u>1300</u>																																											
<u>25</u>	<u>P1-5 (8-10)</u>		<u>1300</u>																																											
<u>26</u>	<u>P1-4 (4-8)</u>		<u>1235</u>																																											
<u>27</u>	<u>P1-4 (8-12)</u>		<u>1235</u>																																											
<u>28</u>	<u>P1-3 (4-8)</u>		<u>1245</u>																																											
<u>29</u>	<u>P1-3 (8-12)</u>		<u>1245</u>																																											
<u>30</u>	<u>P4-1 (6-4)</u>		<u>1305</u>																																											
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type A A A	Preservative A A A	Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.																																									
Relinquished By: <u>[Signature]</u>		Date/Time: <u>6-30-16 17:40</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7/1/16 05:00</u>																																								

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>4</u>	Date Rec'd in Lab 7/1/16	ALPHA Job # C1620368
		of <u>5</u>		

Project Information	Deliverables	Billing Information
Project Name: <u>Embassy Suites</u>	<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B	<input type="checkbox"/> Same as Client Info
Project Location: <u>Syracuse NY</u>	<input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)	PO #
Project # <u>15209</u>	<input type="checkbox"/> Other	

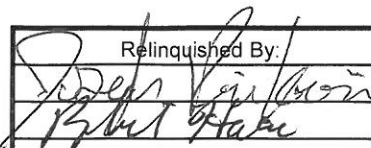
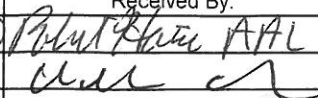
Client Information	Regulatory Requirement	Disposal Site Information
Client: <u>Spectra Environmental Group</u>	<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375	Please identify below location of applicable disposal facilities.
Address: <u>19 British American Blvd</u>	<input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51	Disposal Facility:
Latham, NY 12110	<input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other	<input type="checkbox"/> NJ <input type="checkbox"/> NY
Phone: <u>518-782-0882</u>	<input type="checkbox"/> NY Unrestricted Use	<input type="checkbox"/> Other:
Fax: <u>518-782-0882</u>	<input type="checkbox"/> NYC Sewer Discharge	

Project Manager: <u>Joe Krikorian</u> ALPHAQuote #:	Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:	These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:


ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Filtration	Sample Specific Comments
		Date	Time			NYTCL-826	NYTCL-8270	Total Metals		
20368-31	P4-1 (4-8)	6-29-16	1305	SO	JCK	1	1	1	<input type="checkbox"/> Done	
32	P4-2 (2-4)	u	1315	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	
33	P4-2 (4-6)	u	1315	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	
34	P4-3 (2-4)	u	1330	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	
35	P4-3 (2.5-3)	u	u	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	
36	P4-3 (4-6)	u	u	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	
37	P1-2 (3-4)	u	1420	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	
38	P1-1 (4-8)	6-30-16	830	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	
39	P1-1 (8-10)	6-30-16	830	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	
40	P2-1 (4-8)	u	840	↓	↓	1	1	1	<input type="checkbox"/> Lab to do	

Please specify Metals or TAL.

Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type A A A	Preservative A A A	Total Metals	Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)
---	--	---	-------------------------------	-----------------------------	--------------	--

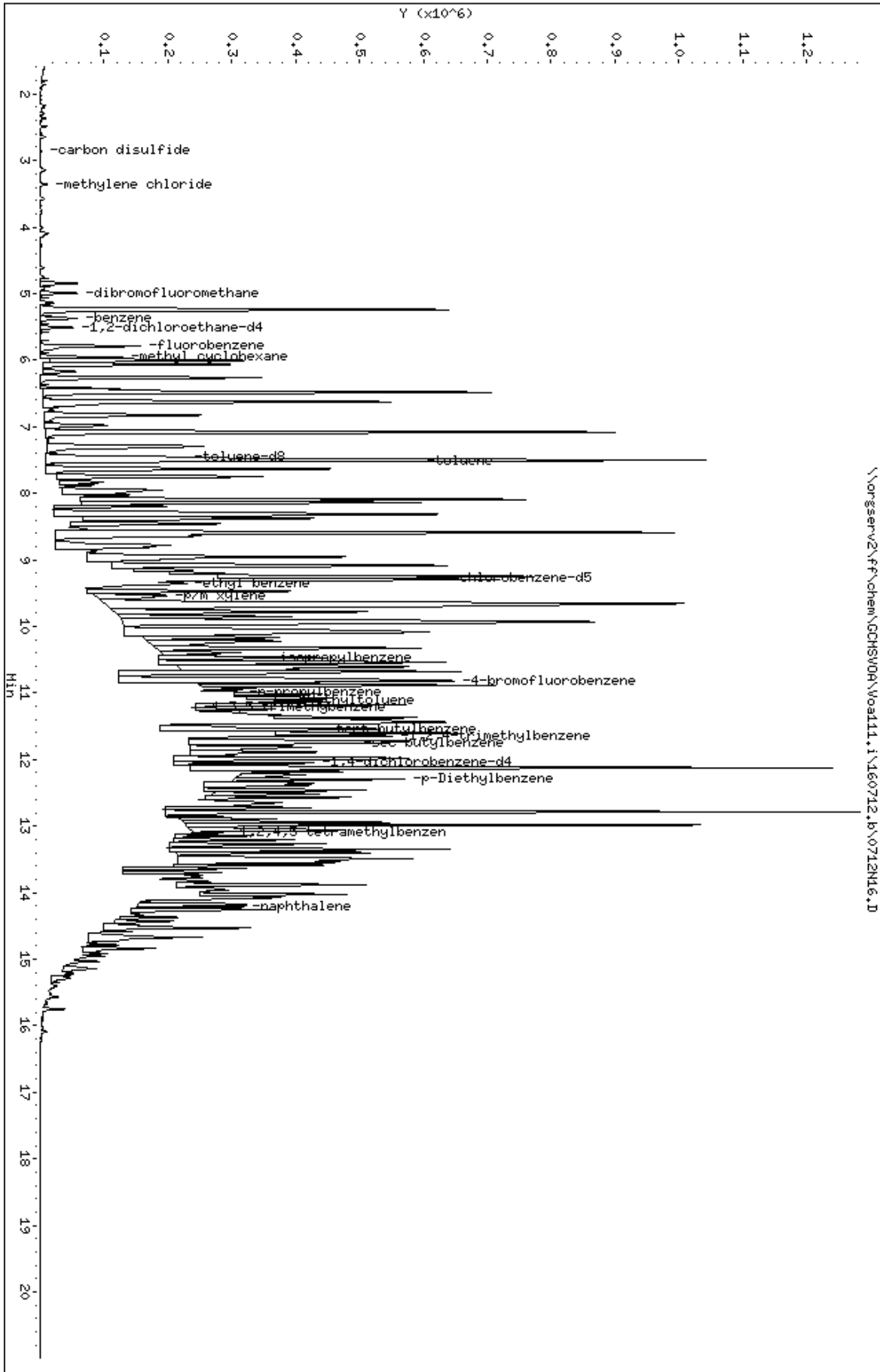
Relinquished By: 	Date/Time 6-30-16 1740	Received By: 	Date/Time 6-30-16 1710

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

 ALPHA ANALYTICAL <small>ANALYTICAL</small>	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 3 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>2</u> of <u>5</u>	Date Rec'd in Lab <u>7/11/16</u>	ALPHA Job # <u>C1620368</u>				
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information	
Client Information		Regulatory Requirement		Disposal Site Information		Sample Filtration			
Client: Spectra Environmental Group Address: 19 British American Blvd Latham, NY 12110 Phone: 518-782-0882 Fax: Email: jkrikorian@spectraenv.com		Project Name: <u>Embassy Suites</u> Project Location: <u>Syracuse</u> Project # <u>15209</u> (Use Project name as Project #) <input type="checkbox"/> Project Manager: <u>Joe Krikorian</u> ALPHAQuote #:		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<input type="checkbox"/> Same as Client Info PO # Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		ANALYSIS		Total Metals		Sample Specific Comments			
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Other project specific requirements/comments:		NYTCL-826 + TICS NYTCL-8270					
Please specify Metals or TAL.									
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				
		Date	Time						
<u>20368-41</u>	<u>P2-1 (8-10)</u>	<u>6-30-16</u>	<u>840</u>	<u>SO</u>	<u>JCK</u>				
<u>42</u>	<u>P2-2 (4-8)</u>	<u>6-30-16</u>	<u>905</u>						
<u>43</u>	<u>P2-2 (8-10)</u>	<u>"</u>	<u>"</u>						
<u>44</u>	<u>P2-3 (8-10)</u>	<u>"</u>	<u>915</u>						
	<u>MS</u>	<u>"</u>	<u>1000</u>						
	<u>MSD</u>	<u>"</u>	<u>1000</u>						
<u>45</u>	<u>DUP 01</u>	<u>6-29-16</u>	<u>1200</u>						
<u>46</u>	<u>DUP 02</u>	<u>6-30-16</u>	<u>"</u>						
<u>47</u>	<u>DUP 03</u>	<u>6-30-16</u>	<u>1300</u>						
<u>48</u>	<u>P2-3 (4-8)</u>	<u>"</u>	<u>915</u>						
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A A A Preservative A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS</u> .	
				Relinquished By: <u>[Signature]</u> Date/Time: <u>6-30-16 1740</u>		Received By: <u>[Signature]</u> Date/Time: <u>7/11/16 0900</u>			

Data File: \\norserv2\ff\chem\GCHSW0A\Voas11.1\160712.16\0712N16.D
 Date : 12-JUL-2016 19:30
 Client ID:
 Sample Info: 11620368-37D,31,5,5,0,0,020,,a
 Volume Injected (uL): 0.1
 Column phase: Rtx-502.2

Instrument: Voas11.1
 Operator: mv
 Column diameter: 0.18





ANALYTICAL REPORT

Lab Number:	L1624444
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Frank Peduto
Phone:	(518) 782-0882
Project Name:	DESTINY-EMBASSY SUITES
Project Number:	15209
Report Date:	08/15/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1624444-01	13	SOIL	SYRACUSE, NY	08/04/16 07:15	08/04/16
L1624444-02	14	SOIL	SYRACUSE, NY	08/04/16 09:45	08/04/16
L1624444-03	15	SOIL	SYRACUSE, NY	08/04/16 13:15	08/04/16

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1624444-01, -02, and -03: All of the sample vials submitted for the Volatile Organics analyses were overfilled. At the client's request, sample volume was taken from unpreserved containers and preserved appropriately.

Volatile Organics

L1624444-01, -02, and -03: The analysis was performed utilizing a compromised vial, with the client's authorization.

Semivolatile Organics


L1624444-01 and -02: The sample has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1624444-01, -02, and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 08/15/16

ORGANICS

VOLATILES

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-01
Client ID: 13
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/16 15:01
Analyst: MV
Percent Solids: 85%

Date Collected: 08/04/16 07:15
Date Received: 08/04/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	0.0022	J	mg/kg	0.012	0.0013	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
Chloroform	ND		mg/kg	0.0018	0.00044	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,2-Dichloropropane	ND		mg/kg	0.0041	0.00027	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00016	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	1
Trichlorofluoromethane	ND		mg/kg	0.0059	0.00046	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
cis-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
Bromoform	ND		mg/kg	0.0047	0.00028	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
Chloromethane	ND		mg/kg	0.0059	0.00035	1
Bromomethane	ND		mg/kg	0.0024	0.00040	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Chloroethane	ND		mg/kg	0.0024	0.00037	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichlorobenzene	ND		mg/kg	0.0059	0.00018	1
1,3-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-01

Date Collected: 08/04/16 07:15

Client ID: 13

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
Styrene	ND		mg/kg	0.0024	0.00048	1
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00022	1
Acetone	0.0094	J	mg/kg	0.012	0.0012	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
2-Hexanone	ND		mg/kg	0.012	0.00079	1
Bromochloromethane	ND		mg/kg	0.0059	0.00033	1
1,2-Dibromoethane	ND		mg/kg	0.0047	0.00021	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0059	0.00047	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0059	0.00017	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0059	0.00021	1
Methyl Acetate	ND		mg/kg	0.024	0.00032	1
Cyclohexane	ND		mg/kg	0.024	0.00017	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1
Freon-113	ND		mg/kg	0.024	0.00032	1
Methyl cyclohexane	ND		mg/kg	0.0047	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-02
 Client ID: 14
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 08/12/16 15:27
 Analyst: MV
 Percent Solids: 88%

Date Collected: 08/04/16 09:45
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	0.0026	J	mg/kg	0.011	0.0012	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
Chloroform	ND		mg/kg	0.0017	0.00042	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00024	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00018	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00035	1
Tetrachloroethene	ND		mg/kg	0.0011	0.00016	1
Chlorobenzene	ND		mg/kg	0.0011	0.00040	1
Trichlorofluoromethane	ND		mg/kg	0.0057	0.00044	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00013	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00013	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00020	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00014	1
cis-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00013	1
Bromoform	ND		mg/kg	0.0046	0.00027	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00011	1
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
Chloromethane	ND		mg/kg	0.0057	0.00034	1
Bromomethane	ND		mg/kg	0.0023	0.00038	1
Vinyl chloride	ND		mg/kg	0.0023	0.00013	1
Chloroethane	ND		mg/kg	0.0023	0.00036	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00030	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Trichloroethene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichlorobenzene	ND		mg/kg	0.0057	0.00017	1
1,3-Dichlorobenzene	ND		mg/kg	0.0057	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0057	0.00016	1

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-02
 Client ID: 14
 Sample Location: SYRACUSE, NY

Date Collected: 08/04/16 09:45
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
p/m-Xylene	ND		mg/kg	0.0023	0.00022	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0011	0.00016	1
Styrene	ND		mg/kg	0.0023	0.00046	1
Dichlorodifluoromethane	ND		mg/kg	0.011	0.00022	1
Acetone	0.025		mg/kg	0.011	0.0012	1
Carbon disulfide	ND		mg/kg	0.011	0.0012	1
2-Butanone	ND		mg/kg	0.011	0.00031	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00028	1
2-Hexanone	ND		mg/kg	0.011	0.00076	1
Bromochloromethane	ND		mg/kg	0.0057	0.00031	1
1,2-Dibromoethane	ND		mg/kg	0.0046	0.00020	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0057	0.00045	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0057	0.00017	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0057	0.00021	1
Methyl Acetate	ND		mg/kg	0.023	0.00031	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
1,4-Dioxane	ND		mg/kg	0.11	0.016	1
Freon-113	ND		mg/kg	0.023	0.00031	1
Methyl cyclohexane	ND		mg/kg	0.0046	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-03
Client ID: 15
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/16 15:53
Analyst: MV
Percent Solids: 82%

Date Collected: 08/04/16 13:15
Date Received: 08/04/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	0.0026	J	mg/kg	0.012	0.0013	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
Chloroform	ND		mg/kg	0.0018	0.00045	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00028	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00019	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00037	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
Chlorobenzene	ND		mg/kg	0.0012	0.00042	1
Trichlorofluoromethane	ND		mg/kg	0.0061	0.00047	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00014	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00021	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00015	1
cis-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
Bromoform	ND		mg/kg	0.0048	0.00029	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
Benzene	0.00049	J	mg/kg	0.0012	0.00014	1
Toluene	0.00038	J	mg/kg	0.0018	0.00024	1
Ethylbenzene	0.00063	J	mg/kg	0.0012	0.00015	1
Chloromethane	ND		mg/kg	0.0061	0.00036	1
Bromomethane	ND		mg/kg	0.0024	0.00041	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Chloroethane	ND		mg/kg	0.0024	0.00038	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00032	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00026	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichlorobenzene	ND		mg/kg	0.0061	0.00018	1
1,3-Dichlorobenzene	ND		mg/kg	0.0061	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0061	0.00017	1

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-03
 Client ID: 15
 Sample Location: SYRACUSE, NY

Date Collected: 08/04/16 13:15
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
p/m-Xylene	0.0014	J	mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
Styrene	ND		mg/kg	0.0024	0.00049	1
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Acetone	0.14		mg/kg	0.012	0.0012	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
2-Butanone	0.025		mg/kg	0.012	0.00033	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00030	1
2-Hexanone	ND		mg/kg	0.012	0.00081	1
Bromochloromethane	ND		mg/kg	0.0061	0.00033	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0061	0.00048	1
Isopropylbenzene	0.00014	J	mg/kg	0.0012	0.00012	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0061	0.00018	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0061	0.00022	1
Methyl Acetate	ND		mg/kg	0.024	0.00033	1
Cyclohexane	ND		mg/kg	0.024	0.00018	1
1,4-Dioxane	ND		mg/kg	0.12	0.018	1
Freon-113	ND		mg/kg	0.024	0.00033	1
Methyl cyclohexane	ND		mg/kg	0.0048	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/16 09:26
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG922382-5					
Methylene chloride	ND		mg/kg	0.010	0.0011
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Bromoform	ND		mg/kg	0.0040	0.00024
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
Benzene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
Ethylbenzene	ND		mg/kg	0.0010	0.00013
Chloromethane	ND		mg/kg	0.0050	0.00029
Bromomethane	ND		mg/kg	0.0020	0.00034
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Chloroethane	ND		mg/kg	0.0020	0.00032
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 08/12/16 09:26
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG922382-5					
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
Styrene	ND		mg/kg	0.0020	0.00040
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Acetone	ND		mg/kg	0.010	0.0010
Carbon disulfide	ND		mg/kg	0.010	0.0011
2-Butanone	ND		mg/kg	0.010	0.00027
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
2-Hexanone	ND		mg/kg	0.010	0.00067
Bromochloromethane	ND		mg/kg	0.0050	0.00028
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Methyl Acetate	ND		mg/kg	0.020	0.00027
Cyclohexane	ND		mg/kg	0.020	0.00015
1,4-Dioxane	ND		mg/kg	0.10	0.014
Freon-113	ND		mg/kg	0.020	0.00027
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 08/12/16 09:26
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG922382-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG922382-3 WG922382-4								
Methylene chloride	105		105		70-130	0		30
1,1-Dichloroethane	116		117		70-130	1		30
Chloroform	115		116		70-130	1		30
Carbon tetrachloride	130		129		70-130	1		30
1,2-Dichloropropane	108		112		70-130	4		30
Dibromochloromethane	100		104		70-130	4		30
2-Chloroethylvinyl ether	103		112		70-130	8		30
1,1,2-Trichloroethane	100		101		70-130	1		30
Tetrachloroethene	116		114		70-130	2		30
Chlorobenzene	107		104		70-130	3		30
Trichlorofluoromethane	130		128		70-139	2		30
1,2-Dichloroethane	114		123		70-130	8		30
1,1,1-Trichloroethane	125		123		70-130	2		30
Bromodichloromethane	108		112		70-130	4		30
trans-1,3-Dichloropropene	101		104		70-130	3		30
cis-1,3-Dichloropropene	104		110		70-130	6		30
1,1-Dichloropropene	122		118		70-130	3		30
Bromoform	94		99		70-130	5		30
1,1,2,2-Tetrachloroethane	93		98		70-130	5		30
Benzene	110		110		70-130	0		30
Toluene	107		104		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624444

Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG922382-3 WG922382-4								
Ethylbenzene	109		107		70-130	2		30
Chloromethane	113		114		52-130	1		30
Bromomethane	110		109		57-147	1		30
Vinyl chloride	114		113		67-130	1		30
Chloroethane	126		120		50-151	5		30
1,1-Dichloroethene	114		111		65-135	3		30
trans-1,2-Dichloroethene	112		112		70-130	0		30
Trichloroethene	112		116		70-130	4		30
1,2-Dichlorobenzene	102		106		70-130	4		30
1,3-Dichlorobenzene	104		105		70-130	1		30
1,4-Dichlorobenzene	104		104		70-130	0		30
Methyl tert butyl ether	105		111		66-130	6		30
p/m-Xylene	107		109		70-130	2		30
o-Xylene	107		108		70-130	1		30
cis-1,2-Dichloroethene	108		110		70-130	2		30
Dibromomethane	108		110		70-130	2		30
Styrene	109		108		70-130	1		30
Dichlorodifluoromethane	116		108		30-146	7		30
Acetone	102		116		54-140	13		30
Carbon disulfide	105		104		59-130	1		30
2-Butanone	112		124		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG922382-3 WG922382-4								
Vinyl acetate	109		116		70-130	6		30
4-Methyl-2-pentanone	105		109		70-130	4		30
1,2,3-Trichloropropane	97		103		68-130	6		30
2-Hexanone	105		111		70-130	6		30
Bromochloromethane	111		110		70-130	1		30
2,2-Dichloropropane	126		122		70-130	3		30
1,2-Dibromoethane	99		103		70-130	4		30
1,3-Dichloropropane	101		102		69-130	1		30
1,1,1,2-Tetrachloroethane	107		108		70-130	1		30
Bromobenzene	101		98		70-130	3		30
n-Butylbenzene	111		111		70-130	0		30
sec-Butylbenzene	111		108		70-130	3		30
tert-Butylbenzene	109		107		70-130	2		30
o-Chlorotoluene	107		105		70-130	2		30
p-Chlorotoluene	108		108		70-130	0		30
1,2-Dibromo-3-chloropropane	89		90		68-130	1		30
Hexachlorobutadiene	115		113		67-130	2		30
Isopropylbenzene	109		105		70-130	4		30
p-Isopropyltoluene	113		108		70-130	5		30
Naphthalene	94		101		70-130	7		30
Acrylonitrile	106		114		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG922382-3 WG922382-4								
Isopropyl Ether	111		116		66-130	4		30
tert-Butyl Alcohol	102		112		70-130	9		30
n-Propylbenzene	107		106		70-130	1		30
1,2,3-Trichlorobenzene	103		101		70-130	2		30
1,2,4-Trichlorobenzene	109		111		70-130	2		30
1,3,5-Trimethylbenzene	111		108		70-130	3		30
1,2,4-Trimethylbenzene	108		108		70-130	0		30
Methyl Acetate	108		116		51-146	7		30
Ethyl Acetate	112		119		70-130	6		30
Acrolein	96		105		70-130	9		30
Cyclohexane	128		125		59-142	2		30
1,4-Dioxane	114		113		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	130		122		50-139	6		30
p-Diethylbenzene	111		109		70-130	2		30
p-Ethyltoluene	108		108		70-130	0		30
1,2,4,5-Tetramethylbenzene	106		107		70-130	1		30
Tetrahydrofuran	111		118		66-130	6		30
Ethyl ether	100		103		67-130	3		30
trans-1,4-Dichloro-2-butene	100		95		70-130	5		30
Methyl cyclohexane	124		118		70-130	5		30
Ethyl-Tert-Butyl-Ether	110		115		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG922382-3 WG922382-4								
Tertiary-Amyl Methyl Ether	105		113		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		112		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	100		105		70-130

SEMIVOLATILES

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-01 D
 Client ID: 13
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 08/12/16 13:41
 Analyst: MW
 Percent Solids: 85%

Date Collected: 08/04/16 07:15
 Date Received: 08/04/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 08/09/16 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.53	J	mg/kg	0.61	0.079	4
Hexachlorobenzene	ND		mg/kg	0.46	0.085	4
Bis(2-chloroethyl)ether	ND		mg/kg	0.69	0.10	4
2-Chloronaphthalene	ND		mg/kg	0.76	0.076	4
3,3'-Dichlorobenzidine	ND		mg/kg	0.76	0.20	4
2,4-Dinitrotoluene	ND		mg/kg	0.76	0.15	4
2,6-Dinitrotoluene	ND		mg/kg	0.76	0.13	4
Fluoranthene	12.		mg/kg	0.46	0.088	4
4-Chlorophenyl phenyl ether	ND		mg/kg	0.76	0.082	4
4-Bromophenyl phenyl ether	ND		mg/kg	0.76	0.12	4
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.92	0.13	4
Bis(2-chloroethoxy)methane	ND		mg/kg	0.82	0.076	4
Hexachlorobutadiene	ND		mg/kg	0.76	0.11	4
Hexachlorocyclopentadiene	ND		mg/kg	2.2	0.69	4
Hexachloroethane	ND		mg/kg	0.61	0.12	4
Isophorone	ND		mg/kg	0.69	0.099	4
Naphthalene	1.5		mg/kg	0.76	0.093	4
Nitrobenzene	ND		mg/kg	0.69	0.11	4
NDPA/DPA	ND		mg/kg	0.61	0.087	4
n-Nitrosodi-n-propylamine	ND		mg/kg	0.76	0.12	4
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.76	0.26	4
Butyl benzyl phthalate	ND		mg/kg	0.76	0.19	4
Di-n-butylphthalate	ND		mg/kg	0.76	0.14	4
Di-n-octylphthalate	ND		mg/kg	0.76	0.26	4
Diethyl phthalate	ND		mg/kg	0.76	0.071	4
Dimethyl phthalate	ND		mg/kg	0.76	0.16	4
Benzo(a)anthracene	6.0		mg/kg	0.46	0.086	4
Benzo(a)pyrene	4.9		mg/kg	0.61	0.19	4
Benzo(b)fluoranthene	6.4		mg/kg	0.46	0.13	4
Benzo(k)fluoranthene	2.2		mg/kg	0.46	0.12	4

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-01 D

Date Collected: 08/04/16 07:15

Client ID: 13

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	5.7		mg/kg	0.46	0.079	4
Acenaphthylene	1.1		mg/kg	0.61	0.12	4
Anthracene	2.5		mg/kg	0.46	0.15	4
Benzo(ghi)perylene	3.1		mg/kg	0.61	0.090	4
Fluorene	1.1		mg/kg	0.76	0.074	4
Phenanthrene	8.5		mg/kg	0.46	0.093	4
Dibenzo(a,h)anthracene	0.94		mg/kg	0.46	0.088	4
Indeno(1,2,3-cd)pyrene	3.4		mg/kg	0.61	0.11	4
Pyrene	9.9		mg/kg	0.46	0.076	4
Biphenyl	ND		mg/kg	1.7	0.18	4
4-Chloroaniline	ND		mg/kg	0.76	0.14	4
2-Nitroaniline	ND		mg/kg	0.76	0.15	4
3-Nitroaniline	ND		mg/kg	0.76	0.14	4
4-Nitroaniline	ND		mg/kg	0.76	0.32	4
Dibenzofuran	0.55	J	mg/kg	0.76	0.072	4
2-Methylnaphthalene	0.45	J	mg/kg	0.92	0.092	4
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.76	0.080	4
Acetophenone	ND		mg/kg	0.76	0.094	4
2,4,6-Trichlorophenol	ND		mg/kg	0.46	0.14	4
p-Chloro-m-cresol	ND		mg/kg	0.76	0.11	4
2-Chlorophenol	ND		mg/kg	0.76	0.090	4
2,4-Dichlorophenol	ND		mg/kg	0.69	0.12	4
2,4-Dimethylphenol	ND		mg/kg	0.76	0.25	4
2-Nitrophenol	ND		mg/kg	1.6	0.29	4
4-Nitrophenol	ND		mg/kg	1.1	0.31	4
2,4-Dinitrophenol	ND		mg/kg	3.7	0.36	4
4,6-Dinitro-o-cresol	ND		mg/kg	2.0	0.37	4
Pentachlorophenol	ND		mg/kg	0.61	0.17	4
Phenol	ND		mg/kg	0.76	0.12	4
2-Methylphenol	ND		mg/kg	0.76	0.12	4
3-Methylphenol/4-Methylphenol	ND		mg/kg	1.1	0.12	4
2,4,5-Trichlorophenol	ND		mg/kg	0.76	0.15	4
Carbazole	0.94		mg/kg	0.76	0.074	4
Atrazine	ND		mg/kg	0.61	0.27	4
Benzaldehyde	ND		mg/kg	1.0	0.20	4
Caprolactam	ND		mg/kg	0.76	0.23	4
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.76	0.15	4

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-01 D

Date Collected: 08/04/16 07:15

Client ID: 13

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	83		18-120

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-02 D
 Client ID: 14
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 08/12/16 14:22
 Analyst: RC
 Percent Solids: 88%

Date Collected: 08/04/16 09:45
 Date Received: 08/04/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 08/09/16 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.14	J	mg/kg	0.30	0.038	2
1,2,4-Trichlorobenzene	ND		mg/kg	0.37	0.042	2
Hexachlorobenzene	ND		mg/kg	0.22	0.041	2
Bis(2-chloroethyl)ether	ND		mg/kg	0.33	0.050	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.037	2
1,2-Dichlorobenzene	ND		mg/kg	0.37	0.066	2
1,3-Dichlorobenzene	ND		mg/kg	0.37	0.064	2
1,4-Dichlorobenzene	ND		mg/kg	0.37	0.064	2
3,3'-Dichlorobenzidine	ND		mg/kg	0.37	0.098	2
2,4-Dinitrotoluene	ND		mg/kg	0.37	0.074	2
2,6-Dinitrotoluene	ND		mg/kg	0.37	0.063	2
Fluoranthene	6.2		mg/kg	0.22	0.042	2
4-Chlorophenyl phenyl ether	ND		mg/kg	0.37	0.040	2
4-Bromophenyl phenyl ether	ND		mg/kg	0.37	0.056	2
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.44	0.063	2
Bis(2-chloroethoxy)methane	ND		mg/kg	0.40	0.037	2
Hexachlorobutadiene	ND		mg/kg	0.37	0.054	2
Hexachlorocyclopentadiene	ND		mg/kg	1.0	0.33	2
Hexachloroethane	ND		mg/kg	0.30	0.060	2
Isophorone	ND		mg/kg	0.33	0.048	2
Naphthalene	0.13	J	mg/kg	0.37	0.045	2
Nitrobenzene	ND		mg/kg	0.33	0.055	2
NDPA/DPA	ND		mg/kg	0.30	0.042	2
n-Nitrosodi-n-propylamine	ND		mg/kg	0.37	0.057	2
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.37	0.13	2
Butyl benzyl phthalate	ND		mg/kg	0.37	0.093	2
Di-n-butylphthalate	ND		mg/kg	0.37	0.070	2
Di-n-octylphthalate	ND		mg/kg	0.37	0.12	2
Diethyl phthalate	ND		mg/kg	0.37	0.034	2
Dimethyl phthalate	ND		mg/kg	0.37	0.078	2

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-02 D

Date Collected: 08/04/16 09:45

Client ID: 14

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	3.2		mg/kg	0.22	0.042	2
Benzo(a)pyrene	3.3		mg/kg	0.30	0.090	2
Benzo(b)fluoranthene	4.3		mg/kg	0.22	0.062	2
Benzo(k)fluoranthene	1.6		mg/kg	0.22	0.059	2
Chrysene	3.1		mg/kg	0.22	0.038	2
Acenaphthylene	0.27	J	mg/kg	0.30	0.057	2
Anthracene	0.89		mg/kg	0.22	0.072	2
Benzo(ghi)perylene	1.9		mg/kg	0.30	0.043	2
Fluorene	0.13	J	mg/kg	0.37	0.036	2
Phenanthrene	1.9		mg/kg	0.22	0.045	2
Dibenzo(a,h)anthracene	0.53		mg/kg	0.22	0.043	2
Indeno(1,2,3-cd)pyrene	2.3		mg/kg	0.30	0.052	2
Pyrene	5.1		mg/kg	0.22	0.037	2
Biphenyl	ND		mg/kg	0.84	0.086	2
4-Chloroaniline	ND		mg/kg	0.37	0.067	2
2-Nitroaniline	ND		mg/kg	0.37	0.071	2
3-Nitroaniline	ND		mg/kg	0.37	0.070	2
4-Nitroaniline	ND		mg/kg	0.37	0.15	2
Dibenzofuran	0.10	J	mg/kg	0.37	0.035	2
2-Methylnaphthalene	0.055	J	mg/kg	0.44	0.045	2
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.37	0.038	2
Acetophenone	ND		mg/kg	0.37	0.046	2
2,4,6-Trichlorophenol	ND		mg/kg	0.22	0.070	2
p-Chloro-m-cresol	ND		mg/kg	0.37	0.055	2
2-Chlorophenol	ND		mg/kg	0.37	0.044	2
2,4-Dichlorophenol	ND		mg/kg	0.33	0.059	2
2,4-Dimethylphenol	ND		mg/kg	0.37	0.12	2
2-Nitrophenol	ND		mg/kg	0.80	0.14	2
4-Nitrophenol	ND		mg/kg	0.52	0.15	2
2,4-Dinitrophenol	ND		mg/kg	1.8	0.17	2
4,6-Dinitro-o-cresol	ND		mg/kg	0.96	0.18	2
Pentachlorophenol	ND		mg/kg	0.30	0.081	2
Phenol	ND		mg/kg	0.37	0.056	2
2-Methylphenol	ND		mg/kg	0.37	0.057	2
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.53	0.058	2
2,4,5-Trichlorophenol	ND		mg/kg	0.37	0.071	2
Benzoic Acid	ND		mg/kg	1.2	0.37	2
Benzyl Alcohol	ND		mg/kg	0.37	0.11	2
Carbazole	ND		mg/kg	0.37	0.036	2

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-02 D

Date Collected: 08/04/16 09:45

Client ID: 14

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	95		18-120

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-03 D
 Client ID: 15
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 08/12/16 13:56
 Analyst: RC
 Percent Solids: 82%

Date Collected: 08/04/16 13:15
 Date Received: 08/04/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 08/09/16 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.28	J	mg/kg	0.32	0.041	2
1,2,4-Trichlorobenzene	ND		mg/kg	0.40	0.046	2
Hexachlorobenzene	ND		mg/kg	0.24	0.045	2
Bis(2-chloroethyl)ether	ND		mg/kg	0.36	0.054	2
2-Chloronaphthalene	ND		mg/kg	0.40	0.040	2
1,2-Dichlorobenzene	ND		mg/kg	0.40	0.072	2
1,3-Dichlorobenzene	ND		mg/kg	0.40	0.069	2
1,4-Dichlorobenzene	ND		mg/kg	0.40	0.070	2
3,3'-Dichlorobenzidine	ND		mg/kg	0.40	0.11	2
2,4-Dinitrotoluene	ND		mg/kg	0.40	0.080	2
2,6-Dinitrotoluene	ND		mg/kg	0.40	0.068	2
Fluoranthene	14.		mg/kg	0.24	0.046	2
4-Chlorophenyl phenyl ether	ND		mg/kg	0.40	0.043	2
4-Bromophenyl phenyl ether	ND		mg/kg	0.40	0.061	2
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.48	0.068	2
Bis(2-chloroethoxy)methane	ND		mg/kg	0.43	0.040	2
Hexachlorobutadiene	ND		mg/kg	0.40	0.058	2
Hexachlorocyclopentadiene	ND		mg/kg	1.1	0.36	2
Hexachloroethane	ND		mg/kg	0.32	0.064	2
Isophorone	ND		mg/kg	0.36	0.052	2
Naphthalene	1.1		mg/kg	0.40	0.048	2
Nitrobenzene	ND		mg/kg	0.36	0.059	2
NDPA/DPA	ND		mg/kg	0.32	0.045	2
n-Nitrosodi-n-propylamine	ND		mg/kg	0.40	0.062	2
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.40	0.14	2
Butyl benzyl phthalate	ND		mg/kg	0.40	0.10	2
Di-n-butylphthalate	ND		mg/kg	0.40	0.076	2
Di-n-octylphthalate	ND		mg/kg	0.40	0.14	2
Diethyl phthalate	ND		mg/kg	0.40	0.037	2
Dimethyl phthalate	ND		mg/kg	0.40	0.084	2

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-03 D

Date Collected: 08/04/16 13:15

Client ID: 15

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	8.9		mg/kg	0.24	0.045	2
Benzo(a)pyrene	10.		mg/kg	0.32	0.097	2
Benzo(b)fluoranthene	14.		mg/kg	0.24	0.067	2
Benzo(k)fluoranthene	4.8		mg/kg	0.24	0.064	2
Chrysene	9.6		mg/kg	0.24	0.041	2
Acenaphthylene	2.2		mg/kg	0.32	0.062	2
Anthracene	2.3		mg/kg	0.24	0.078	2
Benzo(ghi)perylene	7.1		mg/kg	0.32	0.047	2
Fluorene	0.26	J	mg/kg	0.40	0.039	2
Phenanthrene	4.4		mg/kg	0.24	0.048	2
Dibenzo(a,h)anthracene	1.8		mg/kg	0.24	0.046	2
Indeno(1,2,3-cd)pyrene	8.5		mg/kg	0.32	0.056	2
Pyrene	11.		mg/kg	0.24	0.040	2
Biphenyl	0.11	J	mg/kg	0.91	0.092	2
4-Chloroaniline	ND		mg/kg	0.40	0.073	2
2-Nitroaniline	ND		mg/kg	0.40	0.077	2
3-Nitroaniline	ND		mg/kg	0.40	0.075	2
4-Nitroaniline	ND		mg/kg	0.40	0.16	2
Dibenzofuran	ND		mg/kg	0.40	0.038	2
2-Methylnaphthalene	1.4		mg/kg	0.48	0.048	2
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.40	0.042	2
Acetophenone	ND		mg/kg	0.40	0.049	2
2,4,6-Trichlorophenol	ND		mg/kg	0.24	0.076	2
p-Chloro-m-cresol	ND		mg/kg	0.40	0.059	2
2-Chlorophenol	ND		mg/kg	0.40	0.047	2
2,4-Dichlorophenol	ND		mg/kg	0.36	0.064	2
2,4-Dimethylphenol	ND		mg/kg	0.40	0.13	2
2-Nitrophenol	ND		mg/kg	0.86	0.15	2
4-Nitrophenol	ND		mg/kg	0.56	0.16	2
2,4-Dinitrophenol	ND		mg/kg	1.9	0.18	2
4,6-Dinitro-o-cresol	ND		mg/kg	1.0	0.19	2
Pentachlorophenol	ND		mg/kg	0.32	0.088	2
Phenol	ND		mg/kg	0.40	0.060	2
2-Methylphenol	ND		mg/kg	0.40	0.062	2
3-Methylphenol/4-Methylphenol	0.10	J	mg/kg	0.57	0.062	2
2,4,5-Trichlorophenol	ND		mg/kg	0.40	0.076	2
Benzoic Acid	ND		mg/kg	1.3	0.40	2
Benzyl Alcohol	ND		mg/kg	0.40	0.12	2
Carbazole	0.34	J	mg/kg	0.40	0.039	2

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-03 D

Date Collected: 08/04/16 13:15

Client ID: 15

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	87		18-120

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/11/16 01:45
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 08/09/16 02:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG922872-1					
Acenaphthene	ND		mg/kg	0.13	0.017
1,2,4-Trichlorobenzene	ND		mg/kg	0.16	0.018
Hexachlorobenzene	ND		mg/kg	0.097	0.018
Bis(2-chloroethyl)ether	ND		mg/kg	0.14	0.022
2-Chloronaphthalene	ND		mg/kg	0.16	0.016
1,2-Dichlorobenzene	ND		mg/kg	0.16	0.029
1,3-Dichlorobenzene	ND		mg/kg	0.16	0.028
1,4-Dichlorobenzene	ND		mg/kg	0.16	0.028
3,3'-Dichlorobenzidine	ND		mg/kg	0.16	0.043
2,4-Dinitrotoluene	ND		mg/kg	0.16	0.032
2,6-Dinitrotoluene	ND		mg/kg	0.16	0.028
Fluoranthene	ND		mg/kg	0.097	0.018
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.017
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.025
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.19	0.028
Bis(2-chloroethoxy)methane	ND		mg/kg	0.17	0.016
Hexachlorobutadiene	ND		mg/kg	0.16	0.024
Hexachlorocyclopentadiene	ND		mg/kg	0.46	0.15
Hexachloroethane	ND		mg/kg	0.13	0.026
Isophorone	ND		mg/kg	0.14	0.021
Naphthalene	ND		mg/kg	0.16	0.020
Nitrobenzene	ND		mg/kg	0.14	0.024
NDPA/DPA	ND		mg/kg	0.13	0.018
n-Nitrosodi-n-propylamine	ND		mg/kg	0.16	0.025
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.16	0.056
Butyl benzyl phthalate	ND		mg/kg	0.16	0.041
Di-n-butylphthalate	ND		mg/kg	0.16	0.031
Di-n-octylphthalate	ND		mg/kg	0.16	0.055
Diethyl phthalate	ND		mg/kg	0.16	0.015

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/11/16 01:45
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 08/09/16 02:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG922872-1					
Dimethyl phthalate	ND		mg/kg	0.16	0.034
Benzo(a)anthracene	ND		mg/kg	0.097	0.018
Benzo(a)pyrene	ND		mg/kg	0.13	0.039
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.027
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.026
Chrysene	ND		mg/kg	0.097	0.017
Acenaphthylene	ND		mg/kg	0.13	0.025
Anthracene	ND		mg/kg	0.097	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.097	0.020
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.019
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.13	0.022
Pyrene	ND		mg/kg	0.097	0.016
Biphenyl	ND		mg/kg	0.37	0.038
4-Chloroaniline	ND		mg/kg	0.16	0.029
2-Nitroaniline	ND		mg/kg	0.16	0.031
3-Nitroaniline	ND		mg/kg	0.16	0.030
4-Nitroaniline	ND		mg/kg	0.16	0.067
Dibenzofuran	ND		mg/kg	0.16	0.015
2-Methylnaphthalene	ND		mg/kg	0.19	0.020
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.017
Acetophenone	ND		mg/kg	0.16	0.020
2,4,6-Trichlorophenol	ND		mg/kg	0.097	0.031
p-Chloro-m-cresol	ND		mg/kg	0.16	0.024
2-Chlorophenol	ND		mg/kg	0.16	0.019
2,4-Dichlorophenol	ND		mg/kg	0.14	0.026
2,4-Dimethylphenol	ND		mg/kg	0.16	0.053
2-Nitrophenol	ND		mg/kg	0.35	0.061

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 08/11/16 01:45
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 08/09/16 02:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG922872-1					
4-Nitrophenol	ND		mg/kg	0.23	0.066
2,4-Dinitrophenol	ND		mg/kg	0.78	0.075
4,6-Dinitro-o-cresol	ND		mg/kg	0.42	0.078
Pentachlorophenol	ND		mg/kg	0.13	0.036
Phenol	ND		mg/kg	0.16	0.024
2-Methylphenol	ND		mg/kg	0.16	0.025
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.23	0.025
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.031
Benzoic Acid	ND		mg/kg	0.52	0.16
Benzyl Alcohol	ND		mg/kg	0.16	0.049
Carbazole	ND		mg/kg	0.16	0.016
Atrazine	ND		mg/kg	0.13	0.056
Benzaldehyde	ND		mg/kg	0.21	0.044
Caprolactam	ND		mg/kg	0.16	0.049
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	103		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG922872-2 WG922872-3								
Acenaphthene	92		85		31-137	8		50
Benidine	64		57		10-66	12		50
1,2,4-Trichlorobenzene	87		80		38-107	8		50
Hexachlorobenzene	84		78		40-140	7		50
Bis(2-chloroethyl)ether	84		77		40-140	9		50
2-Chloronaphthalene	89		82		40-140	8		50
1,2-Dichlorobenzene	83		77		40-140	8		50
1,3-Dichlorobenzene	80		74		40-140	8		50
1,4-Dichlorobenzene	80		75		28-104	6		50
3,3'-Dichlorobenzidine	96		84		40-140	13		50
2,4-Dinitrotoluene	105	Q	98	Q	28-89	7		50
2,6-Dinitrotoluene	101		92		40-140	9		50
Azobenzene	89		83		40-140	7		50
Fluoranthene	97		89		40-140	9		50
4-Chlorophenyl phenyl ether	89		81		40-140	9		50
4-Bromophenyl phenyl ether	88		82		40-140	7		50
Bis(2-chloroisopropyl)ether	76		70		40-140	8		50
Bis(2-chloroethoxy)methane	90		82		40-117	9		50
Hexachlorobutadiene	84		78		40-140	7		50
Hexachlorocyclopentadiene	104		94		40-140	10		50
Hexachloroethane	86		78		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG922872-2 WG922872-3								
Isophorone	96		87		40-140	10		50
Naphthalene	82		76		40-140	8		50
Nitrobenzene	91		84		40-140	8		50
NitrosoDiPhenylAmine(NDPA)/DPA	95		88		36-157	8		50
n-Nitrosodi-n-propylamine	95		86		32-121	10		50
Bis(2-Ethylhexyl)phthalate	109		101		40-140	8		50
Butyl benzyl phthalate	114		106		40-140	7		50
Di-n-butylphthalate	113		104		40-140	8		50
Di-n-octylphthalate	114		106		40-140	7		50
Diethyl phthalate	98		90		40-140	9		50
Dimethyl phthalate	95		88		40-140	8		50
Benzo(a)anthracene	95		88		40-140	8		50
Benzo(a)pyrene	102		94		40-140	8		50
Benzo(b)fluoranthene	103		96		40-140	7		50
Benzo(k)fluoranthene	95		84		40-140	12		50
Chrysene	88		81		40-140	8		50
Acenaphthylene	96		89		40-140	8		50
Anthracene	94		87		40-140	8		50
Benzo(ghi)perylene	98		88		40-140	11		50
Fluorene	93		86		40-140	8		50
Phenanthrene	87		80		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG922872-2 WG922872-3								
Dibenzo(a,h)anthracene	101		90		40-140	12		50
Indeno(1,2,3-cd)Pyrene	107		97		40-140	10		50
Pyrene	90		83		35-142	8		50
Biphenyl	92		85		54-104	8		50
4-Chloroaniline	78		71		40-140	9		50
1-Methylnaphthalene	89		82		26-130	8		50
2-Nitroaniline	107		99		47-134	8		50
3-Nitroaniline	91		83		26-129	9		50
4-Nitroaniline	102		94		41-125	8		50
Dibenzofuran	88		81		40-140	8		50
2-Methylnaphthalene	93		85		40-140	9		50
1,2,4,5-Tetrachlorobenzene	89		82		40-117	8		50
Acetophenone	98		90		14-144	9		50
n-Nitrosodimethylamine	75		69		22-100	8		50
2,4,6-Trichlorophenol	106		98		30-130	8		50
P-Chloro-M-Cresol	103		95		26-103	8		50
2-Chlorophenol	93		85		25-102	9		50
2,4-Dichlorophenol	106		96		30-130	10		50
2,4-Dimethylphenol	101		92		30-130	9		50
2-Nitrophenol	108		100		30-130	8		50
4-Nitrophenol	103		95		11-114	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624444

Report Date: 08/15/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG922872-2 WG922872-3								
2,4-Dinitrophenol	98		91		4-130	7		50
4,6-Dinitro-o-cresol	98		91		10-130	7		50
Pentachlorophenol	94		84		17-109	11		50
Phenol	92	Q	85		26-90	8		50
2-Methylphenol	96		88		30-130.	9		50
3-Methylphenol/4-Methylphenol	99		89		30-130	11		50
2,4,5-Trichlorophenol	105		97		30-130	8		50
Benzoic Acid	73		68		10-110	7		50
Benzyl Alcohol	100		91		40-140	9		50
Carbazole	94		86		54-128	9		50
Parathion, ethyl	162	Q	150	Q	40-140	8		50
Atrazine	117		109		40-140	7		50
Benzaldehyde	68		61		40-140	11		50
Caprolactam	110		101		15-130	9		50
2,3,4,6-Tetrachlorophenol	100		92		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG922872-2 WG922872-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	91		84		25-120
Phenol-d6	95		87		10-120
Nitrobenzene-d5	95		87		23-120
2-Fluorobiphenyl	88		82		30-120
2,4,6-Tribromophenol	83		75		10-136
4-Terphenyl-d14	91		84		18-120

METALS

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-01
 Client ID: 13
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 08/04/16 07:15
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6200		mg/kg	9.2	1.8	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Antimony, Total	ND		mg/kg	4.6	0.74	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Arsenic, Total	6.4		mg/kg	0.92	0.30	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Barium, Total	71		mg/kg	0.92	0.25	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Beryllium, Total	0.26	J	mg/kg	0.46	0.10	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Cadmium, Total	0.10	J	mg/kg	0.92	0.06	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Calcium, Total	130000		mg/kg	46	13.	10	08/06/16 09:15	08/08/16 11:24	EPA 3050B	1,6010C	PS
Chromium, Total	8.6		mg/kg	0.92	0.16	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Cobalt, Total	4.5		mg/kg	1.8	0.45	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Copper, Total	28		mg/kg	0.92	0.16	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Iron, Total	10000		mg/kg	4.6	1.4	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Lead, Total	75		mg/kg	4.6	0.20	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Magnesium, Total	14000		mg/kg	9.2	1.2	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Manganese, Total	220		mg/kg	0.92	0.22	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Mercury, Total	0.96		mg/kg	0.08	0.02	1	08/09/16 07:50	08/09/16 10:37	EPA 7471B	1,7471B	BV
Nickel, Total	12		mg/kg	2.3	0.37	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Potassium, Total	700		mg/kg	230	26.	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Selenium, Total	ND		mg/kg	1.8	0.25	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Silver, Total	0.21	J	mg/kg	0.92	0.18	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Sodium, Total	600		mg/kg	180	15.	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Thallium, Total	ND		mg/kg	1.8	0.29	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Vanadium, Total	13		mg/kg	0.92	0.08	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM
Zinc, Total	120		mg/kg	4.6	0.64	2	08/06/16 09:15	08/06/16 17:37	EPA 3050B	1,6010C	AM



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-02
 Client ID: 14
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 08/04/16 09:45
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7200		mg/kg	9.0	1.8	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Antimony, Total	ND		mg/kg	4.5	0.72	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Arsenic, Total	5.7		mg/kg	0.90	0.30	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Barium, Total	57		mg/kg	0.90	0.24	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Beryllium, Total	0.27	J	mg/kg	0.45	0.10	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Cadmium, Total	0.75	J	mg/kg	0.90	0.06	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Calcium, Total	67000		mg/kg	9.0	2.5	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Chromium, Total	12		mg/kg	0.90	0.15	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Cobalt, Total	5.6		mg/kg	1.8	0.44	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Copper, Total	100		mg/kg	0.90	0.16	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Iron, Total	18000		mg/kg	4.5	1.4	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Lead, Total	80		mg/kg	4.5	0.20	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Magnesium, Total	22000		mg/kg	9.0	1.2	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Manganese, Total	280		mg/kg	0.90	0.22	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Mercury, Total	0.39		mg/kg	0.07	0.02	1	08/09/16 07:50	08/09/16 10:39	EPA 7471B	1,7471B	BV
Nickel, Total	14		mg/kg	2.2	0.36	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Potassium, Total	720		mg/kg	220	25.	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Selenium, Total	ND		mg/kg	1.8	0.24	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Silver, Total	0.21	J	mg/kg	0.90	0.18	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Sodium, Total	410		mg/kg	180	15.	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Thallium, Total	ND		mg/kg	1.8	0.29	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Vanadium, Total	13		mg/kg	0.90	0.08	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM
Zinc, Total	450		mg/kg	4.5	0.63	2	08/06/16 09:15	08/06/16 17:41	EPA 3050B	1,6010C	AM



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-03
 Client ID: 15
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 08/04/16 13:15
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8700		mg/kg	9.2	1.8	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Antimony, Total	ND		mg/kg	4.6	0.74	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Arsenic, Total	30		mg/kg	0.92	0.30	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Barium, Total	92		mg/kg	0.92	0.25	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Beryllium, Total	0.21	J	mg/kg	0.46	0.10	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Cadmium, Total	20		mg/kg	0.92	0.07	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Calcium, Total	63000		mg/kg	9.2	2.5	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Chromium, Total	14		mg/kg	0.92	0.16	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Cobalt, Total	12		mg/kg	1.8	0.45	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Copper, Total	840		mg/kg	0.92	0.17	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Iron, Total	84000		mg/kg	23	7.3	10	08/06/16 09:15	08/08/16 11:28	EPA 3050B	1,6010C	PS
Lead, Total	75		mg/kg	4.6	0.20	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Magnesium, Total	38000		mg/kg	9.2	1.2	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Manganese, Total	840		mg/kg	0.92	0.22	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Mercury, Total	0.23		mg/kg	0.08	0.02	1	08/09/16 07:50	08/09/16 10:41	EPA 7471B	1,7471B	BV
Nickel, Total	25		mg/kg	2.3	0.37	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Potassium, Total	700		mg/kg	230	26.	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Selenium, Total	2.7		mg/kg	1.8	0.25	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Silver, Total	2.6		mg/kg	0.92	0.18	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Sodium, Total	220		mg/kg	180	15.	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Thallium, Total	ND		mg/kg	1.8	0.30	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Vanadium, Total	16		mg/kg	0.92	0.08	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM
Zinc, Total	3900		mg/kg	4.6	0.65	2	08/06/16 09:15	08/06/16 17:45	EPA 3050B	1,6010C	AM



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG920554-1										
Aluminum, Total	ND		mg/kg	4.0	0.79	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Antimony, Total	ND		mg/kg	2.0	0.32	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Arsenic, Total	ND		mg/kg	0.40	0.13	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Barium, Total	ND		mg/kg	0.40	0.11	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Beryllium, Total	ND		mg/kg	0.20	0.04	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Cadmium, Total	ND		mg/kg	0.40	0.03	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Calcium, Total	ND		mg/kg	4.0	1.1	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Chromium, Total	ND		mg/kg	0.40	0.07	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Cobalt, Total	ND		mg/kg	0.80	0.20	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Copper, Total	ND		mg/kg	0.40	0.07	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Iron, Total	ND		mg/kg	2.0	0.63	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Lead, Total	ND		mg/kg	2.0	0.09	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Magnesium, Total	ND		mg/kg	4.0	0.53	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Manganese, Total	ND		mg/kg	0.40	0.10	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Nickel, Total	ND		mg/kg	1.0	0.16	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Potassium, Total	ND		mg/kg	100	11.	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Selenium, Total	ND		mg/kg	0.80	0.11	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Silver, Total	ND		mg/kg	0.40	0.08	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Sodium, Total	11	J	mg/kg	80	6.7	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Thallium, Total	ND		mg/kg	0.80	0.13	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Vanadium, Total	ND		mg/kg	0.40	0.04	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Zinc, Total	ND		mg/kg	2.0	0.28	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG921037-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/09/16 07:50	08/09/16 10:27	1,7471B	BV



Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG920554-2 SRM Lot Number: D089-540								
Aluminum, Total	77		-		52-147	-		
Antimony, Total	152		-		1-197	-		
Arsenic, Total	108		-		80-120	-		
Barium, Total	98		-		83-117	-		
Beryllium, Total	98		-		82-117	-		
Cadmium, Total	95		-		82-117	-		
Calcium, Total	94		-		81-119	-		
Chromium, Total	103		-		79-121	-		
Cobalt, Total	101		-		83-117	-		
Copper, Total	101		-		80-119	-		
Iron, Total	103		-		45-155	-		
Lead, Total	105		-		81-119	-		
Magnesium, Total	91		-		76-123	-		
Manganese, Total	97		-		81-119	-		
Nickel, Total	101		-		82-117	-		
Potassium, Total	89		-		71-128	-		
Selenium, Total	99		-		78-121	-		
Silver, Total	99		-		75-125	-		
Sodium, Total	95		-		71-128	-		
Thallium, Total	99		-		79-120	-		
Vanadium, Total	100		-		77-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624444

Report Date: 08/15/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG920554-2 SRM Lot Number: D089-540					
Zinc, Total	100	-	80-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG921037-2 SRM Lot Number: D089-540					
Mercury, Total	116	-	57-143	-	

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG920554-4 QC Sample: L1624445-02 Client ID: MS Sample												
Aluminum, Total	5700	171	4800	0	Q	-	-		75-125	-		20
Antimony, Total	ND	42.8	38	89		-	-		75-125	-		20
Arsenic, Total	6.7	10.3	16	90		-	-		75-125	-		20
Barium, Total	81.	171	220	81		-	-		75-125	-		20
Beryllium, Total	0.31J	4.28	3.6	84		-	-		75-125	-		20
Cadmium, Total	0.30J	4.36	4.0	92		-	-		75-125	-		20
Calcium, Total	110000	856	170000	7010	Q	-	-		75-125	-		20
Chromium, Total	9.7	17.1	22	72	Q	-	-		75-125	-		20
Cobalt, Total	5.7	42.8	36	71	Q	-	-		75-125	-		20
Copper, Total	64.	21.4	82	84		-	-		75-125	-		20
Iron, Total	15000	85.6	12000	0	Q	-	-		75-125	-		20
Lead, Total	86.	43.6	110	55	Q	-	-		75-125	-		20
Magnesium, Total	22000	856	18000	0	Q	-	-		75-125	-		20
Manganese, Total	270	42.8	290	47	Q	-	-		75-125	-		20
Nickel, Total	16.	42.8	44	65	Q	-	-		75-125	-		20
Potassium, Total	610	856	1600	116		-	-		75-125	-		20
Selenium, Total	0.26J	10.3	10	97		-	-		75-125	-		20
Silver, Total	ND	25.7	26	101		-	-		75-125	-		20
Sodium, Total	320	856	1200	103		-	-		75-125	-		20
Thallium, Total	ND	10.3	7.3	71	Q	-	-		75-125	-		20
Vanadium, Total	12.	42.8	49	86		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624444

Project Number: 15209

Report Date: 08/15/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG920554-4 QC Sample: L1624445-02 Client ID: MS Sample									
Zinc, Total	200	42.8	230	70	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG921037-4 QC Sample: L1623303-05 Client ID: MS Sample									
Mercury, Total	ND	0.149	0.16	108	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624444

Report Date: 08/15/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG920554-3 QC Sample: L1624445-02 Client ID: DUP Sample						
Aluminum, Total	5700	4400	mg/kg	26	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	6.7	5.4	mg/kg	21	Q	20
Barium, Total	81.	64	mg/kg	23	Q	20
Beryllium, Total	0.31J	0.12J	mg/kg	NC		20
Cadmium, Total	0.30J	0.25J	mg/kg	NC		20
Chromium, Total	9.7	8.9	mg/kg	9		20
Cobalt, Total	5.7	4.8	mg/kg	17		20
Copper, Total	64.	62	mg/kg	3		20
Iron, Total	15000	12000	mg/kg	22	Q	20
Lead, Total	86.	70	mg/kg	21	Q	20
Magnesium, Total	22000	25000	mg/kg	13		20
Manganese, Total	270	220	mg/kg	20		20
Nickel, Total	16.	12	mg/kg	29	Q	20
Potassium, Total	610	600	mg/kg	2		20
Selenium, Total	0.26J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	320	320	mg/kg	0		20
Thallium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624444

Report Date: 08/15/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG920554-3 QC Sample: L1624445-02 Client ID: DUP Sample					
Vanadium, Total	12.	11	mg/kg	9	20
Zinc, Total	200	190	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG920554-3 QC Sample: L1624445-02 Client ID: DUP Sample					
Calcium, Total	110000	160000	mg/kg	37 Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG921037-3 QC Sample: L1623303-05 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

SAMPLE RESULTS

Lab ID: L1624444-01
Client ID: 13
Sample Location: SYRACUSE, NY
Matrix: Soil

Date Collected: 08/04/16 07:15
Date Received: 08/04/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	08/05/16 16:30	121,2540G	RI



Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-02

Date Collected: 08/04/16 09:45

Client ID: 14

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	08/05/16 16:30	121,2540G	RI



Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624444**Project Number:** 15209**Report Date:** 08/15/16**SAMPLE RESULTS**

Lab ID: L1624444-03

Date Collected: 08/04/16 13:15

Client ID: 15

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	08/05/16 16:30	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624444

Report Date: 08/15/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG920392-1 QC Sample: L1624392-01 Client ID: DUP Sample						
Solids, Total	62.9	66.2	%	5		20

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 08/05/2016 06:29

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1624444-01A	Vial MeOH preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-01B	Vial water preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-01C	Vial water preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-01D	Plastic 2oz unpreserved for TS	A	N/A	4.8	Y	Absent	TS(7)
L1624444-01E	Metals Only - Glass 60mL/2oz unp	A	N/A	4.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1624444-01F	Glass 120ml/4oz unpreserved	A	N/A	4.8	Y	Absent	NYTCL-8270(14)
L1624444-02A	Vial MeOH preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-02B	Vial water preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-02C	Vial water preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-02D	Plastic 2oz unpreserved for TS	A	N/A	4.8	Y	Absent	TS(7)
L1624444-02E	Metals Only - Glass 60mL/2oz unp	A	N/A	4.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1624444-02F	Glass 120ml/4oz unpreserved	A	N/A	4.8	Y	Absent	NYTCL-8270(14)
L1624444-03A	Vial MeOH preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-03B	Vial water preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-03C	Vial water preserved	A	N/A	4.8	Y	Absent	NYTCL-8260HLW(14)
L1624444-03D	Plastic 2oz unpreserved for TS	A	N/A	4.8	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: DESTINY-EMBASSY SUITES**Project Number:** 15209**Lab Number:** L1624444**Report Date:** 08/15/16**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1624444-03E	Metals Only - Glass 60mL/2oz unp	A	N/A	4.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1624444-03F	Glass 120ml/4oz unreserved	A	N/A	4.8	Y	Absent	NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624444
Report Date: 08/15/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page

2 of 2

Date Rec'd
in Lab

8/5/16

ALPHA Job #

LIG24444

Project Information

Project Name: *Destiny - Embassy Suites*
Project Location: *Syracuse, NY*
Project # *15209*

Deliverables

ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other

Billing Information

Same as Client Info
PO #

Client Information

Client: *Spectra Environmental*
Address: *19 British American Latham, NY 12110*
Phone: *518-782-0882*
Fax:
Email: *Fpeduto@spectraenv.com*

(Use Project name as Project #)
Project Manager: *Frank Peduto*
ALPHAQuote #:

Regulatory Requirement

NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ NY
 Other:

Turn-Around Time

Standard Due Date:
Rush (only if pre approved) # of Days:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

STANDARD TAT

Please specify Metals or TAL.

ANALYSIS

NYTCL-8270
Total Metals
TS
8260 HLW
8260 HLW

Sample Filtration

Done
 Lab to do
Preservation
 Lab to do
(Please Specify below)

T
o
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B
o
t
t
l
e

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials						
		Date	Time								
<i>24444-01</i>	<i>13</i>	<i>8/04/16</i>	<i>07:15</i>	<i>SOIL</i>	<i>yw</i>	<i>X</i>	<i>X</i>	<i>-</i>	<i>2</i>	<i>1</i>	
<i>02</i>	<i>14</i>	<i>8/04/16</i>	<i>09:45</i>	<i>SOIL</i>	<i>yw</i>	<i>X</i>	<i>X</i>	<i>-</i>	<i>2</i>	<i>1</i>	
<i>03</i>	<i>15</i>	<i>8/04/16</i>	<i>13:15</i>	<i>SOIL</i>	<i>yw</i>	<i>X</i>	<i>X</i>	<i>-</i>	<i>2</i>	<i>1</i>	

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

A A P G V AV

Preservative

A A A C F

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Frank Peduto</i>	<i>8/4/16 1335</i>	<i>Chris...</i>	<i>8/4/16 1335</i>
<i>...</i>	<i>8/4/16 1650</i>	<i>...</i>	<i>8/4/16 1650</i>
<i>...</i>	<i>8/5/16</i>	<i>...</i>	<i>8/5/16 0146</i>



ANALYTICAL REPORT

Lab Number:	L1624504
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Frank Peduto
Phone:	(518) 782-0882
Project Name:	DESTINY-EMBASSY SUITES
Project Number:	15209
Report Date:	08/10/16

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Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1624504-01	16	SOIL	SYRACUSE, NY	08/04/16 14:00	08/05/16
L1624504-02	17	SOIL	SYRACUSE, NY	08/05/16 08:15	08/05/16

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1624504-01 and -02: The sample has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1624504-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Lura L Troy

Title: Technical Director/Representative

Date: 08/10/16

ORGANICS

VOLATILES

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624504**Project Number:** 15209**Report Date:** 08/10/16**SAMPLE RESULTS**

Lab ID: L1624504-02
Client ID: 17
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/08/16 16:35
Analyst: BN
Percent Solids: 88%

Date Collected: 08/05/16 08:15
Date Received: 08/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		mg/kg	0.62	0.068	1
1,1-Dichloroethane	ND		mg/kg	0.092	0.0053	1
Chloroform	ND		mg/kg	0.092	0.023	1
Carbon tetrachloride	ND		mg/kg	0.062	0.013	1
1,2-Dichloropropane	ND		mg/kg	0.22	0.014	1
Dibromochloromethane	ND		mg/kg	0.062	0.0095	1
1,1,2-Trichloroethane	ND		mg/kg	0.092	0.019	1
Tetrachloroethene	ND		mg/kg	0.062	0.0086	1
Chlorobenzene	ND		mg/kg	0.062	0.021	1
Trichlorofluoromethane	ND		mg/kg	0.31	0.024	1
1,2-Dichloroethane	ND		mg/kg	0.062	0.0070	1
1,1,1-Trichloroethane	ND		mg/kg	0.062	0.0068	1
Bromodichloromethane	ND		mg/kg	0.062	0.011	1
trans-1,3-Dichloropropene	ND		mg/kg	0.062	0.0074	1
cis-1,3-Dichloropropene	ND		mg/kg	0.062	0.0072	1
Bromoform	ND		mg/kg	0.25	0.014	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.062	0.0062	1
Benzene	0.020	J	mg/kg	0.062	0.0073	1
Toluene	0.021	J	mg/kg	0.092	0.012	1
Ethylbenzene	0.014	J	mg/kg	0.062	0.0079	1
Chloromethane	ND		mg/kg	0.31	0.018	1
Bromomethane	ND		mg/kg	0.12	0.021	1
Vinyl chloride	ND		mg/kg	0.12	0.0072	1
Chloroethane	ND		mg/kg	0.12	0.019	1
1,1-Dichloroethene	ND		mg/kg	0.062	0.016	1
trans-1,2-Dichloroethene	ND		mg/kg	0.092	0.013	1
Trichloroethene	ND		mg/kg	0.062	0.0077	1
1,2-Dichlorobenzene	ND		mg/kg	0.31	0.0094	1
1,3-Dichlorobenzene	ND		mg/kg	0.31	0.0083	1
1,4-Dichlorobenzene	ND		mg/kg	0.31	0.0085	1

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624504-02
 Client ID: 17
 Sample Location: SYRACUSE, NY

Date Collected: 08/05/16 08:15
 Date Received: 08/05/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.0052	1
p/m-Xylene	0.032	J	mg/kg	0.12	0.012	1
o-Xylene	ND		mg/kg	0.12	0.011	1
cis-1,2-Dichloroethene	ND		mg/kg	0.062	0.0088	1
Styrene	ND		mg/kg	0.12	0.025	1
Dichlorodifluoromethane	ND		mg/kg	0.62	0.012	1
Acetone	ND		mg/kg	0.62	0.064	1
Carbon disulfide	ND		mg/kg	0.62	0.068	1
2-Butanone	ND		mg/kg	0.62	0.017	1
4-Methyl-2-pentanone	ND		mg/kg	0.62	0.015	1
2-Hexanone	ND		mg/kg	0.62	0.041	1
Bromochloromethane	ND		mg/kg	0.31	0.017	1
1,2-Dibromoethane	ND		mg/kg	0.25	0.011	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.31	0.024	1
Isopropylbenzene	ND		mg/kg	0.062	0.0064	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.31	0.0091	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.31	0.011	1
Methyl Acetate	0.96	J	mg/kg	1.2	0.017	1
Cyclohexane	ND		mg/kg	1.2	0.0090	1
1,4-Dioxane	ND		mg/kg	6.2	0.89	1
Freon-113	ND		mg/kg	1.2	0.017	1
Methyl cyclohexane	ND		mg/kg	0.25	0.0095	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	104		70-130

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/08/16 08:08
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG921179-5					
Methylene chloride	ND		mg/kg	0.50	0.055
1,1-Dichloroethane	ND		mg/kg	0.075	0.0043
Chloroform	ND		mg/kg	0.075	0.018
Carbon tetrachloride	ND		mg/kg	0.050	0.010
1,2-Dichloropropane	ND		mg/kg	0.18	0.011
Dibromochloromethane	ND		mg/kg	0.050	0.0077
1,1,2-Trichloroethane	ND		mg/kg	0.075	0.015
Tetrachloroethene	ND		mg/kg	0.050	0.0070
Chlorobenzene	ND		mg/kg	0.050	0.017
Trichlorofluoromethane	ND		mg/kg	0.25	0.019
1,2-Dichloroethane	ND		mg/kg	0.050	0.0057
1,1,1-Trichloroethane	ND		mg/kg	0.050	0.0055
Bromodichloromethane	ND		mg/kg	0.050	0.0087
trans-1,3-Dichloropropene	ND		mg/kg	0.050	0.0060
cis-1,3-Dichloropropene	ND		mg/kg	0.050	0.0059
Bromoform	ND		mg/kg	0.20	0.012
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.050	0.0050
Benzene	0.0073	J	mg/kg	0.050	0.0059
Toluene	ND		mg/kg	0.075	0.0097
Ethylbenzene	ND		mg/kg	0.050	0.0064
Chloromethane	ND		mg/kg	0.25	0.015
Bromomethane	0.047	J	mg/kg	0.10	0.017
Vinyl chloride	ND		mg/kg	0.10	0.0059
Chloroethane	ND		mg/kg	0.10	0.016
1,1-Dichloroethene	ND		mg/kg	0.050	0.013
trans-1,2-Dichloroethene	ND		mg/kg	0.075	0.011
Trichloroethene	ND		mg/kg	0.050	0.0062
1,2-Dichlorobenzene	ND		mg/kg	0.25	0.0077
1,3-Dichlorobenzene	ND		mg/kg	0.25	0.0068

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/08/16 08:08
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG921179-5					
1,4-Dichlorobenzene	ND		mg/kg	0.25	0.0069
Methyl tert butyl ether	ND		mg/kg	0.10	0.0042
p/m-Xylene	ND		mg/kg	0.10	0.0099
o-Xylene	ND		mg/kg	0.10	0.0086
cis-1,2-Dichloroethene	ND		mg/kg	0.050	0.0071
Styrene	ND		mg/kg	0.10	0.020
Dichlorodifluoromethane	ND		mg/kg	0.50	0.0095
Acetone	ND		mg/kg	0.50	0.052
Carbon disulfide	ND		mg/kg	0.50	0.055
2-Butanone	ND		mg/kg	0.50	0.014
4-Methyl-2-pentanone	ND		mg/kg	0.50	0.012
2-Hexanone	ND		mg/kg	0.50	0.033
Bromochloromethane	ND		mg/kg	0.25	0.014
1,2-Dibromoethane	ND		mg/kg	0.20	0.0087
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.25	0.020
Isopropylbenzene	ND		mg/kg	0.050	0.0052
1,2,3-Trichlorobenzene	ND		mg/kg	0.25	0.0074
1,2,4-Trichlorobenzene	ND		mg/kg	0.25	0.0091
Methyl Acetate	ND		mg/kg	1.0	0.014
Cyclohexane	ND		mg/kg	1.0	0.0073
1,4-Dioxane	ND		mg/kg	5.0	0.72
Freon-113	ND		mg/kg	1.0	0.014
Methyl cyclohexane	ND		mg/kg	0.20	0.0077

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 08/08/16 08:08
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG921179-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG921179-3 WG921179-4								
Methylene chloride	81		77		70-130	5		30
1,1-Dichloroethane	92		85		70-130	8		30
Chloroform	100		95		70-130	5		30
Carbon tetrachloride	129		112		70-130	14		30
1,2-Dichloropropane	81		78		70-130	4		30
Dibromochloromethane	106		103		70-130	3		30
2-Chloroethylvinyl ether	73		73		70-130	0		30
1,1,2-Trichloroethane	85		81		70-130	5		30
Tetrachloroethene	111		99		70-130	11		30
Chlorobenzene	96		91		70-130	5		30
Trichlorofluoromethane	149	Q	129		70-139	14		30
1,2-Dichloroethane	117		113		70-130	3		30
1,1,1-Trichloroethane	118		105		70-130	12		30
Bromodichloromethane	104		102		70-130	2		30
trans-1,3-Dichloropropene	95		93		70-130	2		30
cis-1,3-Dichloropropene	91		86		70-130	6		30
1,1-Dichloropropene	96		84		70-130	13		30
Bromoform	110		106		70-130	4		30
1,1,2,2-Tetrachloroethane	82		80		70-130	2		30
Benzene	75		69	Q	70-130	8		30
Toluene	87		81		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624504

Report Date: 08/10/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG921179-3 WG921179-4								
Ethylbenzene	97		88		70-130	10		30
Chloromethane	99		90		52-130	10		30
Bromomethane	100		92		57-147	8		30
Vinyl chloride	97		87		67-130	11		30
Chloroethane	110		101		50-151	9		30
1,1-Dichloroethene	100		90		65-135	11		30
trans-1,2-Dichloroethene	96		87		70-130	10		30
Trichloroethene	94		87		70-130	8		30
1,2-Dichlorobenzene	101		96		70-130	5		30
1,3-Dichlorobenzene	104		98		70-130	6		30
1,4-Dichlorobenzene	104		98		70-130	6		30
Methyl tert butyl ether	93		90		66-130	3		30
p/m-Xylene	97		90		70-130	7		30
o-Xylene	98		91		70-130	7		30
cis-1,2-Dichloroethene	85		79		70-130	7		30
Dibromomethane	93		90		70-130	3		30
Styrene	99		94		70-130	5		30
Dichlorodifluoromethane	101		86		30-146	16		30
Acetone	138		128		54-140	8		30
Carbon disulfide	73		63		59-130	15		30
2-Butanone	98		95		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG921179-3 WG921179-4								
Vinyl acetate	92		90		70-130	2		30
4-Methyl-2-pentanone	76		75		70-130	1		30
1,2,3-Trichloropropane	87		85		68-130	2		30
2-Hexanone	86		85		70-130	1		30
Bromochloromethane	97		92		70-130	5		30
2,2-Dichloropropane	114		100		70-130	13		30
1,2-Dibromoethane	91		88		70-130	3		30
1,3-Dichloropropane	86		83		69-130	4		30
1,1,1,2-Tetrachloroethane	110		103		70-130	7		30
Bromobenzene	100		94		70-130	6		30
n-Butylbenzene	107		95		70-130	12		30
sec-Butylbenzene	102		91		70-130	11		30
tert-Butylbenzene	100		90		70-130	11		30
o-Chlorotoluene	96		90		70-130	6		30
p-Chlorotoluene	99		92		70-130	7		30
1,2-Dibromo-3-chloropropane	94		92		68-130	2		30
Hexachlorobutadiene	118		102		67-130	15		30
Isopropylbenzene	97		87		70-130	11		30
p-Isopropyltoluene	104		93		70-130	11		30
Naphthalene	90		88		70-130	2		30
Acrylonitrile	82		81		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG921179-3 WG921179-4								
Isopropyl Ether	93		90		66-130	3		30
tert-Butyl Alcohol	83		80		70-130	4		30
n-Propylbenzene	98		89		70-130	10		30
1,2,3-Trichlorobenzene	105		101		70-130	4		30
1,2,4-Trichlorobenzene	106		102		70-130	4		30
1,3,5-Trimethylbenzene	101		92		70-130	9		30
1,2,4-Trimethylbenzene	99		92		70-130	7		30
Methyl Acetate	97		98		51-146	1		30
Ethyl Acetate	95		93		70-130	2		30
Acrolein	76		77		70-130	1		30
Cyclohexane	101		84		59-142	18		30
1,4-Dioxane	82		81		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	127		106		50-139	18		30
p-Diethylbenzene	110		100		70-130	10		30
p-Ethyltoluene	105		96		70-130	9		30
1,2,4,5-Tetramethylbenzene	106		99		70-130	7		30
Tetrahydrofuran	76		78		66-130	3		30
Ethyl ether	86		85		67-130	1		30
trans-1,4-Dichloro-2-butene	114		108		70-130	5		30
Methyl cyclohexane	95		81		70-130	16		30
Ethyl-Tert-Butyl-Ether	94		92		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG921179-3 WG921179-4								
Tertiary-Amyl Methyl Ether	88		85		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	129		125		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	86		84		70-130
Dibromofluoromethane	101		104		70-130

SEMIVOLATILES

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624504**Project Number:** 15209**Report Date:** 08/10/16**SAMPLE RESULTS**

Lab ID: L1624504-01 D
 Client ID: 16
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 08/09/16 16:31
 Analyst: HL
 Percent Solids: 87%

Date Collected: 08/04/16 14:00
 Date Received: 08/05/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 08/06/16 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1.3	J	mg/kg	1.5	0.19	10
Hexachlorobenzene	ND		mg/kg	1.1	0.21	10
Bis(2-chloroethyl)ether	ND		mg/kg	1.7	0.25	10
2-Chloronaphthalene	ND		mg/kg	1.9	0.19	10
3,3'-Dichlorobenzidine	ND		mg/kg	1.9	0.50	10
2,4-Dinitrotoluene	ND		mg/kg	1.9	0.38	10
2,6-Dinitrotoluene	ND		mg/kg	1.9	0.32	10
Fluoranthene	30.		mg/kg	1.1	0.22	10
4-Chlorophenyl phenyl ether	ND		mg/kg	1.9	0.20	10
4-Bromophenyl phenyl ether	ND		mg/kg	1.9	0.29	10
Bis(2-chloroisopropyl)ether	ND		mg/kg	2.2	0.32	10
Bis(2-chloroethoxy)methane	ND		mg/kg	2.0	0.19	10
Hexachlorobutadiene	ND		mg/kg	1.9	0.27	10
Hexachlorocyclopentadiene	ND		mg/kg	5.4	1.7	10
Hexachloroethane	ND		mg/kg	1.5	0.30	10
Isophorone	ND		mg/kg	1.7	0.24	10
Naphthalene	2.3		mg/kg	1.9	0.23	10
Nitrobenzene	ND		mg/kg	1.7	0.28	10
NDPA/DPA	ND		mg/kg	1.5	0.21	10
n-Nitrosodi-n-propylamine	ND		mg/kg	1.9	0.29	10
Bis(2-ethylhexyl)phthalate	ND		mg/kg	1.9	0.65	10
Butyl benzyl phthalate	ND		mg/kg	1.9	0.47	10
Di-n-butylphthalate	ND		mg/kg	1.9	0.36	10
Di-n-octylphthalate	ND		mg/kg	1.9	0.64	10
Diethyl phthalate	ND		mg/kg	1.9	0.17	10
Dimethyl phthalate	ND		mg/kg	1.9	0.39	10
Benzo(a)anthracene	16.		mg/kg	1.1	0.21	10
Benzo(a)pyrene	16.		mg/kg	1.5	0.46	10
Benzo(b)fluoranthene	19.		mg/kg	1.1	0.32	10
Benzo(k)fluoranthene	8.3		mg/kg	1.1	0.30	10

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624504-01 D

Date Collected: 08/04/16 14:00

Client ID: 16

Date Received: 08/05/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	15.		mg/kg	1.1	0.20	10
Acenaphthylene	6.6		mg/kg	1.5	0.29	10
Anthracene	6.3		mg/kg	1.1	0.36	10
Benzo(ghi)perylene	9.6		mg/kg	1.5	0.22	10
Fluorene	4.2		mg/kg	1.9	0.18	10
Phenanthrene	16.		mg/kg	1.1	0.23	10
Dibenzo(a,h)anthracene	2.8		mg/kg	1.1	0.22	10
Indeno(1,2,3-cd)pyrene	9.4		mg/kg	1.5	0.26	10
Pyrene	25.		mg/kg	1.1	0.19	10
Biphenyl	ND		mg/kg	4.3	0.44	10
4-Chloroaniline	ND		mg/kg	1.9	0.34	10
2-Nitroaniline	ND		mg/kg	1.9	0.36	10
3-Nitroaniline	ND		mg/kg	1.9	0.35	10
4-Nitroaniline	ND		mg/kg	1.9	0.78	10
Dibenzofuran	2.1		mg/kg	1.9	0.18	10
2-Methylnaphthalene	1.4	J	mg/kg	2.2	0.23	10
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	1.9	0.20	10
Acetophenone	ND		mg/kg	1.9	0.23	10
2,4,6-Trichlorophenol	ND		mg/kg	1.1	0.36	10
p-Chloro-m-cresol	ND		mg/kg	1.9	0.28	10
2-Chlorophenol	ND		mg/kg	1.9	0.22	10
2,4-Dichlorophenol	ND		mg/kg	1.7	0.30	10
2,4-Dimethylphenol	ND		mg/kg	1.9	0.62	10
2-Nitrophenol	ND		mg/kg	4.0	0.70	10
4-Nitrophenol	ND		mg/kg	2.6	0.76	10
2,4-Dinitrophenol	ND		mg/kg	9.0	0.87	10
4,6-Dinitro-o-cresol	ND		mg/kg	4.9	0.90	10
Pentachlorophenol	ND		mg/kg	1.5	0.41	10
Phenol	ND		mg/kg	1.9	0.28	10
2-Methylphenol	ND		mg/kg	1.9	0.29	10
3-Methylphenol/4-Methylphenol	ND		mg/kg	2.7	0.29	10
2,4,5-Trichlorophenol	ND		mg/kg	1.9	0.36	10
Carbazole	1.4	J	mg/kg	1.9	0.18	10
Atrazine	ND		mg/kg	1.5	0.66	10
Benzaldehyde	ND		mg/kg	2.5	0.51	10
Caprolactam	ND		mg/kg	1.9	0.57	10
2,3,4,6-Tetrachlorophenol	ND		mg/kg	1.9	0.38	10

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624504**Project Number:** 15209**Report Date:** 08/10/16**SAMPLE RESULTS**

Lab ID: L1624504-01 D

Date Collected: 08/04/16 14:00

Client ID: 16

Date Received: 08/05/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	90		18-120

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624504**Project Number:** 15209**Report Date:** 08/10/16**SAMPLE RESULTS**

Lab ID: L1624504-02 D
 Client ID: 17
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 08/09/16 16:57
 Analyst: HL
 Percent Solids: 88%

Date Collected: 08/05/16 08:15
 Date Received: 08/05/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 08/06/16 14:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.24	J	mg/kg	0.30	0.039	2
Hexachlorobenzene	ND		mg/kg	0.22	0.042	2
Bis(2-chloroethyl)ether	ND		mg/kg	0.34	0.051	2
2-Chloronaphthalene	ND		mg/kg	0.38	0.037	2
3,3'-Dichlorobenzidine	ND		mg/kg	0.38	0.10	2
2,4-Dinitrotoluene	ND		mg/kg	0.38	0.075	2
2,6-Dinitrotoluene	ND		mg/kg	0.38	0.064	2
Fluoranthene	7.2		mg/kg	0.22	0.043	2
4-Chlorophenyl phenyl ether	ND		mg/kg	0.38	0.040	2
4-Bromophenyl phenyl ether	ND		mg/kg	0.38	0.057	2
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.45	0.064	2
Bis(2-chloroethoxy)methane	ND		mg/kg	0.40	0.038	2
Hexachlorobutadiene	ND		mg/kg	0.38	0.055	2
Hexachlorocyclopentadiene	ND		mg/kg	1.1	0.34	2
Hexachloroethane	ND		mg/kg	0.30	0.061	2
Isophorone	ND		mg/kg	0.34	0.049	2
Naphthalene	0.23	J	mg/kg	0.38	0.046	2
Nitrobenzene	ND		mg/kg	0.34	0.056	2
NDPA/DPA	ND		mg/kg	0.30	0.043	2
n-Nitrosodi-n-propylamine	ND		mg/kg	0.38	0.058	2
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.38	0.13	2
Butyl benzyl phthalate	ND		mg/kg	0.38	0.095	2
Di-n-butylphthalate	ND		mg/kg	0.38	0.071	2
Di-n-octylphthalate	ND		mg/kg	0.38	0.13	2
Diethyl phthalate	ND		mg/kg	0.38	0.035	2
Dimethyl phthalate	ND		mg/kg	0.38	0.079	2
Benzo(a)anthracene	4.0		mg/kg	0.22	0.042	2
Benzo(a)pyrene	3.6		mg/kg	0.30	0.092	2
Benzo(b)fluoranthene	4.3		mg/kg	0.22	0.063	2
Benzo(k)fluoranthene	1.7		mg/kg	0.22	0.060	2

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624504-02 D

Date Collected: 08/05/16 08:15

Client ID: 17

Date Received: 08/05/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	3.6		mg/kg	0.22	0.039	2
Acenaphthylene	0.44		mg/kg	0.30	0.058	2
Anthracene	1.5		mg/kg	0.22	0.073	2
Benzo(ghi)perylene	2.0		mg/kg	0.30	0.044	2
Fluorene	0.47		mg/kg	0.38	0.036	2
Phenanthrene	3.8		mg/kg	0.22	0.046	2
Dibenzo(a,h)anthracene	0.68		mg/kg	0.22	0.043	2
Indeno(1,2,3-cd)pyrene	2.0		mg/kg	0.30	0.052	2
Pyrene	5.7		mg/kg	0.22	0.037	2
Biphenyl	ND		mg/kg	0.86	0.087	2
4-Chloroaniline	ND		mg/kg	0.38	0.068	2
2-Nitroaniline	ND		mg/kg	0.38	0.072	2
3-Nitroaniline	ND		mg/kg	0.38	0.071	2
4-Nitroaniline	ND		mg/kg	0.38	0.16	2
Dibenzofuran	0.24	J	mg/kg	0.38	0.036	2
2-Methylnaphthalene	0.11	J	mg/kg	0.45	0.045	2
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.38	0.039	2
Acetophenone	ND		mg/kg	0.38	0.046	2
2,4,6-Trichlorophenol	ND		mg/kg	0.22	0.071	2
p-Chloro-m-cresol	ND		mg/kg	0.38	0.056	2
2-Chlorophenol	ND		mg/kg	0.38	0.044	2
2,4-Dichlorophenol	ND		mg/kg	0.34	0.060	2
2,4-Dimethylphenol	ND		mg/kg	0.38	0.12	2
2-Nitrophenol	ND		mg/kg	0.81	0.14	2
4-Nitrophenol	ND		mg/kg	0.52	0.15	2
2,4-Dinitrophenol	ND		mg/kg	1.8	0.18	2
4,6-Dinitro-o-cresol	ND		mg/kg	0.98	0.18	2
Pentachlorophenol	ND		mg/kg	0.30	0.083	2
Phenol	ND		mg/kg	0.38	0.057	2
2-Methylphenol	ND		mg/kg	0.38	0.058	2
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.54	0.059	2
2,4,5-Trichlorophenol	ND		mg/kg	0.38	0.072	2
Carbazole	0.23	J	mg/kg	0.38	0.036	2
Atrazine	ND		mg/kg	0.30	0.13	2
Benzaldehyde	ND		mg/kg	0.50	0.10	2
Caprolactam	ND		mg/kg	0.38	0.11	2
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.38	0.076	2

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624504**Project Number:** 15209**Report Date:** 08/10/16**SAMPLE RESULTS**

Lab ID: L1624504-02 D

Date Collected: 08/05/16 08:15

Client ID: 17

Date Received: 08/05/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	47		18-120

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/09/16 01:33
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 08/06/16 03:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG921282-1					
Acenaphthene	ND		mg/kg	0.13	0.017
Hexachlorobenzene	ND		mg/kg	0.098	0.018
Bis(2-chloroethyl)ether	ND		mg/kg	0.15	0.022
2-Chloronaphthalene	ND		mg/kg	0.16	0.016
3,3'-Dichlorobenzidine	ND		mg/kg	0.16	0.043
2,4-Dinitrotoluene	ND		mg/kg	0.16	0.033
2,6-Dinitrotoluene	ND		mg/kg	0.16	0.028
Fluoranthene	ND		mg/kg	0.098	0.019
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.017
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.025
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.20	0.028
Bis(2-chloroethoxy)methane	ND		mg/kg	0.18	0.016
Hexachlorobutadiene	ND		mg/kg	0.16	0.024
Hexachlorocyclopentadiene	ND		mg/kg	0.47	0.15
Hexachloroethane	ND		mg/kg	0.13	0.026
Isophorone	ND		mg/kg	0.15	0.021
Naphthalene	ND		mg/kg	0.16	0.020
Nitrobenzene	ND		mg/kg	0.15	0.024
NDPA/DPA	ND		mg/kg	0.13	0.018
n-Nitrosodi-n-propylamine	ND		mg/kg	0.16	0.025
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.16	0.056
Butyl benzyl phthalate	ND		mg/kg	0.16	0.041
Di-n-butylphthalate	ND		mg/kg	0.16	0.031
Di-n-octylphthalate	ND		mg/kg	0.16	0.056
Diethyl phthalate	ND		mg/kg	0.16	0.015
Dimethyl phthalate	ND		mg/kg	0.16	0.034
Benzo(a)anthracene	ND		mg/kg	0.098	0.018
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.028

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/09/16 01:33
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 08/06/16 03:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG921282-1					
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.026
Chrysene	ND		mg/kg	0.098	0.017
Acenaphthylene	ND		mg/kg	0.13	0.025
Anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.098	0.020
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.019
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.13	0.023
Pyrene	ND		mg/kg	0.098	0.016
Biphenyl	ND		mg/kg	0.37	0.038
4-Chloroaniline	ND		mg/kg	0.16	0.030
2-Nitroaniline	ND		mg/kg	0.16	0.032
3-Nitroaniline	ND		mg/kg	0.16	0.031
4-Nitroaniline	ND		mg/kg	0.16	0.068
Dibenzofuran	ND		mg/kg	0.16	0.015
2-Methylnaphthalene	ND		mg/kg	0.20	0.020
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.017
Acetophenone	ND		mg/kg	0.16	0.020
2,4,6-Trichlorophenol	ND		mg/kg	0.098	0.031
p-Chloro-m-cresol	ND		mg/kg	0.16	0.024
2-Chlorophenol	ND		mg/kg	0.16	0.019
2,4-Dichlorophenol	ND		mg/kg	0.15	0.026
2,4-Dimethylphenol	ND		mg/kg	0.16	0.054
2-Nitrophenol	ND		mg/kg	0.35	0.061
4-Nitrophenol	ND		mg/kg	0.23	0.067
2,4-Dinitrophenol	ND		mg/kg	0.78	0.076
4,6-Dinitro-o-cresol	ND		mg/kg	0.42	0.078
Pentachlorophenol	ND		mg/kg	0.13	0.036

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 08/09/16 01:33
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 08/06/16 03:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG921282-1					
Phenol	ND		mg/kg	0.16	0.025
2-Methylphenol	ND		mg/kg	0.16	0.025
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.24	0.026
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.031
Carbazole	ND		mg/kg	0.16	0.016
Atrazine	ND		mg/kg	0.13	0.057
Benzaldehyde	ND		mg/kg	0.22	0.044
Caprolactam	ND		mg/kg	0.16	0.050
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	97		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG921282-2 WG921282-3								
Acenaphthene	69		88		31-137	24		50
Benidine	50		58		10-66	15		50
1,2,4-Trichlorobenzene	73		100		38-107	31		50
Hexachlorobenzene	76		105		40-140	32		50
Bis(2-chloroethyl)ether	60		82		40-140	31		50
2-Chloronaphthalene	75		96		40-140	25		50
1,2-Dichlorobenzene	66		86		40-140	26		50
1,3-Dichlorobenzene	63		83		40-140	27		50
1,4-Dichlorobenzene	65		85		28-104	27		50
3,3'-Dichlorobenzidine	55		80		40-140	37		50
2,4-Dinitrotoluene	69		92	Q	28-89	29		50
2,6-Dinitrotoluene	82		109		40-140	28		50
Azobenzene	64		86		40-140	29		50
Fluoranthene	76		102		40-140	29		50
4-Chlorophenyl phenyl ether	79		105		40-140	28		50
4-Bromophenyl phenyl ether	80		109		40-140	31		50
Bis(2-chloroisopropyl)ether	56		76		40-140	30		50
Bis(2-chloroethoxy)methane	65		87		40-117	29		50
Hexachlorobutadiene	81		109		40-140	29		50
Hexachlorocyclopentadiene	96		123		40-140	25		50
Hexachloroethane	65		82		40-140	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624504

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG921282-2 WG921282-3								
Isophorone	65		89		40-140	31		50
Naphthalene	65		87		40-140	29		50
Nitrobenzene	65		87		40-140	29		50
NitrosoDiPhenylAmine(NDPA)/DPA	75		100		36-157	29		50
n-Nitrosodi-n-propylamine	62		84		32-121	30		50
Bis(2-Ethylhexyl)phthalate	73		97		40-140	28		50
Butyl benzyl phthalate	67		91		40-140	30		50
Di-n-butylphthalate	73		96		40-140	27		50
Di-n-octylphthalate	74		100		40-140	30		50
Diethyl phthalate	73		97		40-140	28		50
Dimethyl phthalate	78		99		40-140	24		50
Benzo(a)anthracene	75		100		40-140	29		50
Benzo(a)pyrene	79		108		40-140	31		50
Benzo(b)fluoranthene	75		101		40-140	30		50
Benzo(k)fluoranthene	72		98		40-140	31		50
Chrysene	72		96		40-140	29		50
Acenaphthylene	76		98		40-140	25		50
Anthracene	74		98		40-140	28		50
Benzo(ghi)perylene	77		103		40-140	29		50
Fluorene	72		96		40-140	29		50
Phenanthrene	69		91		40-140	28		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG921282-2 WG921282-3								
Dibenzo(a,h)anthracene	70		94		40-140	29		50
Indeno(1,2,3-cd)Pyrene	71		98		40-140	32		50
Pyrene	73		100		35-142	31		50
Biphenyl	74		98		54-104	28		50
4-Chloroaniline	42		46		40-140	9		50
1-Methylnaphthalene	69		89		26-130	25		50
2-Nitroaniline	73		96		47-134	27		50
3-Nitroaniline	58		70		26-129	19		50
4-Nitroaniline	65		88		41-125	30		50
Dibenzofuran	71		96		40-140	30		50
2-Methylnaphthalene	70		91		40-140	26		50
1,2,4,5-Tetrachlorobenzene	86		114		40-117	28		50
Acetophenone	67		95		14-144	35		50
n-Nitrosodimethylamine	54		73		22-100	30		50
2,4,6-Trichlorophenol	86		115		30-130	29		50
P-Chloro-M-Cresol	73		97		26-103	28		50
2-Chlorophenol	69		94		25-102	31		50
2,4-Dichlorophenol	79		106		30-130	29		50
2,4-Dimethylphenol	68		91		30-130	29		50
2-Nitrophenol	71		99		30-130	33		50
4-Nitrophenol	64		89		11-114	33		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG921282-2 WG921282-3								
2,4-Dinitrophenol	76		103		4-130	30		50
4,6-Dinitro-o-cresol	78		104		10-130	29		50
Pentachlorophenol	63		89		17-109	34		50
Phenol	63		88		26-90	33		50
2-Methylphenol	69		94		30-130.	31		50
3-Methylphenol/4-Methylphenol	68		91		30-130	29		50
2,4,5-Trichlorophenol	86		109		30-130	24		50
Benzoic Acid	49		60		10-110	20		50
Benzyl Alcohol	65		89		40-140	31		50
Carbazole	69		91		54-128	28		50
Parathion, ethyl	86		128		40-140	39		50
Atrazine	81		127		40-140	44		50
Benzaldehyde	48		62		40-140	25		50
Caprolactam	70		97		15-130	32		50
2,3,4,6-Tetrachlorophenol	81		110		40-140	30		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG921282-2 WG921282-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
2-Fluorophenol	62		93		25-120
Phenol-d6	63		96		10-120
Nitrobenzene-d5	61		91		23-120
2-Fluorobiphenyl	68		99		30-120
2,4,6-Tribromophenol	73		114		10-136
4-Terphenyl-d14	67		104		18-120

METALS

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624504-01
 Client ID: 16
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 08/04/16 14:00
 Date Received: 08/05/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7400		mg/kg	8.9	1.8	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Antimony, Total	ND		mg/kg	4.4	0.71	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Arsenic, Total	6.2		mg/kg	0.89	0.29	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Barium, Total	80		mg/kg	0.89	0.24	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Beryllium, Total	0.20	J	mg/kg	0.44	0.10	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Cadmium, Total	0.89		mg/kg	0.89	0.06	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Calcium, Total	57000		mg/kg	8.9	2.4	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Chromium, Total	12		mg/kg	0.89	0.15	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Cobalt, Total	6.4		mg/kg	1.8	0.44	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Copper, Total	65		mg/kg	0.89	0.16	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Iron, Total	16000		mg/kg	4.4	1.4	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Lead, Total	93		mg/kg	4.4	0.20	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Magnesium, Total	23000		mg/kg	8.9	1.2	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Manganese, Total	300		mg/kg	0.89	0.21	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Mercury, Total	0.24		mg/kg	0.07	0.02	1	08/06/16 12:20	08/06/16 15:03	EPA 7471B	1,7471B	BV
Nickel, Total	15		mg/kg	2.2	0.36	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Potassium, Total	760		mg/kg	220	25.	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Selenium, Total	ND		mg/kg	1.8	0.24	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Silver, Total	ND		mg/kg	0.89	0.18	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Sodium, Total	160	J	mg/kg	180	15.	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Thallium, Total	ND		mg/kg	1.8	0.28	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Vanadium, Total	15		mg/kg	0.89	0.08	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM
Zinc, Total	200		mg/kg	4.4	0.62	2	08/06/16 09:15	08/06/16 17:49	EPA 3050B	1,6010C	AM



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624504-02
 Client ID: 17
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 08/05/16 08:15
 Date Received: 08/05/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6000		mg/kg	8.7	1.7	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Antimony, Total	ND		mg/kg	4.3	0.69	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Arsenic, Total	5.8		mg/kg	0.87	0.29	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Barium, Total	63		mg/kg	0.87	0.23	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Beryllium, Total	0.18	J	mg/kg	0.43	0.10	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Cadmium, Total	0.31	J	mg/kg	0.87	0.06	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Calcium, Total	79000		mg/kg	8.7	2.4	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Chromium, Total	18		mg/kg	0.87	0.15	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Cobalt, Total	5.2		mg/kg	1.7	0.42	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Copper, Total	66		mg/kg	0.87	0.16	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Iron, Total	14000		mg/kg	4.3	1.4	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Lead, Total	79		mg/kg	4.3	0.19	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Magnesium, Total	20000		mg/kg	8.7	1.2	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Manganese, Total	270		mg/kg	0.87	0.21	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Mercury, Total	0.21		mg/kg	0.08	0.02	1	08/06/16 12:20	08/06/16 15:08	EPA 7471B	1,7471B	BV
Nickel, Total	14		mg/kg	2.2	0.35	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Potassium, Total	620		mg/kg	220	24.	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Selenium, Total	ND		mg/kg	1.7	0.23	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Silver, Total	ND		mg/kg	0.87	0.17	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Sodium, Total	420		mg/kg	170	14.	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Thallium, Total	ND		mg/kg	1.7	0.28	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Vanadium, Total	12		mg/kg	0.87	0.08	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM
Zinc, Total	240		mg/kg	4.3	0.61	2	08/06/16 09:15	08/06/16 17:53	EPA 3050B	1,6010C	AM



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG920535-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	08/06/16 12:20	08/06/16 14:10	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG920554-1										
Aluminum, Total	ND	mg/kg	4.0	0.79	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Antimony, Total	ND	mg/kg	2.0	0.32	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Arsenic, Total	ND	mg/kg	0.40	0.13	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Barium, Total	ND	mg/kg	0.40	0.11	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Beryllium, Total	ND	mg/kg	0.20	0.04	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Cadmium, Total	ND	mg/kg	0.40	0.03	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Calcium, Total	ND	mg/kg	4.0	1.1	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Chromium, Total	ND	mg/kg	0.40	0.07	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Cobalt, Total	ND	mg/kg	0.80	0.20	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Copper, Total	ND	mg/kg	0.40	0.07	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Iron, Total	ND	mg/kg	2.0	0.63	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Lead, Total	ND	mg/kg	2.0	0.09	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Magnesium, Total	ND	mg/kg	4.0	0.53	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Manganese, Total	ND	mg/kg	0.40	0.10	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Nickel, Total	ND	mg/kg	1.0	0.16	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Potassium, Total	ND	mg/kg	100	11.	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Selenium, Total	ND	mg/kg	0.80	0.11	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Silver, Total	ND	mg/kg	0.40	0.08	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Sodium, Total	11	J	mg/kg	80	6.7	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM
Thallium, Total	ND	mg/kg	0.80	0.13	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Vanadium, Total	ND	mg/kg	0.40	0.04	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	
Zinc, Total	ND	mg/kg	2.0	0.28	1	08/06/16 09:15	08/06/16 14:22	1,6010C	AM	

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624504

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG920535-2 SRM Lot Number: D089-540								
Mercury, Total	101		-		57-143	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG920554-2 SRM Lot Number: D089-540					
Aluminum, Total	77	-	52-147	-	
Antimony, Total	152	-	1-197	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	98	-	83-117	-	
Beryllium, Total	98	-	82-117	-	
Cadmium, Total	95	-	82-117	-	
Calcium, Total	94	-	81-119	-	
Chromium, Total	103	-	79-121	-	
Cobalt, Total	101	-	83-117	-	
Copper, Total	101	-	80-119	-	
Iron, Total	103	-	45-155	-	
Lead, Total	105	-	81-119	-	
Magnesium, Total	91	-	76-123	-	
Manganese, Total	97	-	81-119	-	
Nickel, Total	101	-	82-117	-	
Potassium, Total	89	-	71-128	-	
Selenium, Total	99	-	78-121	-	
Silver, Total	99	-	75-125	-	
Sodium, Total	95	-	71-128	-	
Thallium, Total	99	-	79-120	-	
Vanadium, Total	100	-	77-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624504

Report Date: 08/10/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG920554-2 SRM Lot Number: D089-540					
Zinc, Total	100	-	80-119	-	

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG920535-4 QC Sample: L1624445-02 Client ID: MS Sample												
Mercury, Total	0.25	0.149	0.42	114		-	-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG920554-4 QC Sample: L1624445-02 Client ID: MS Sample									
Aluminum, Total	5700	171	4800	0	Q	-	75-125	-	20
Antimony, Total	ND	42.8	38	89		-	75-125	-	20
Arsenic, Total	6.7	10.3	16	90		-	75-125	-	20
Barium, Total	81.	171	220	81		-	75-125	-	20
Beryllium, Total	0.31J	4.28	3.6	84		-	75-125	-	20
Cadmium, Total	0.30J	4.36	4.0	92		-	75-125	-	20
Calcium, Total	110000	856	170000	7010	Q	-	75-125	-	20
Chromium, Total	9.7	17.1	22	72	Q	-	75-125	-	20
Cobalt, Total	5.7	42.8	36	71	Q	-	75-125	-	20
Copper, Total	64.	21.4	82	84		-	75-125	-	20
Iron, Total	15000	85.6	12000	0	Q	-	75-125	-	20
Lead, Total	86.	43.6	110	55	Q	-	75-125	-	20
Magnesium, Total	22000	856	18000	0	Q	-	75-125	-	20
Manganese, Total	270	42.8	290	47	Q	-	75-125	-	20
Nickel, Total	16.	42.8	44	65	Q	-	75-125	-	20
Potassium, Total	610	856	1600	116		-	75-125	-	20
Selenium, Total	0.26J	10.3	10	97		-	75-125	-	20
Silver, Total	ND	25.7	26	101		-	75-125	-	20
Sodium, Total	320	856	1200	103		-	75-125	-	20
Thallium, Total	ND	10.3	7.3	71	Q	-	75-125	-	20
Vanadium, Total	12.	42.8	49	86		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG920554-4 QC Sample: L1624445-02 Client ID: MS Sample										
Zinc, Total	200	42.8	230	70	Q	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624504

Report Date: 08/10/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG920535-3 QC Sample: L1624445-02 Client ID: DUP Sample						
Mercury, Total	0.25	0.24	mg/kg	4		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624504

Report Date: 08/10/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG920554-3 QC Sample: L1624445-02 Client ID: DUP Sample					
Aluminum, Total	5700	4400	mg/kg	26	Q 20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	6.7	5.4	mg/kg	21	Q 20
Barium, Total	81.	64	mg/kg	23	Q 20
Beryllium, Total	0.31J	0.12J	mg/kg	NC	20
Cadmium, Total	0.30J	0.25J	mg/kg	NC	20
Chromium, Total	9.7	8.9	mg/kg	9	20
Cobalt, Total	5.7	4.8	mg/kg	17	20
Copper, Total	64.	62	mg/kg	3	20
Iron, Total	15000	12000	mg/kg	22	Q 20
Lead, Total	86.	70	mg/kg	21	Q 20
Magnesium, Total	22000	25000	mg/kg	13	20
Manganese, Total	270	220	mg/kg	20	20
Nickel, Total	16.	12	mg/kg	29	Q 20
Potassium, Total	610	600	mg/kg	2	20
Selenium, Total	0.26J	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	320	320	mg/kg	0	20
Thallium, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG920554-3 QC Sample: L1624445-02 Client ID: DUP Sample					
Vanadium, Total	12.	11	mg/kg	9	20
Zinc, Total	200	190	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG920554-3 QC Sample: L1624445-02 Client ID: DUP Sample					
Calcium, Total	110000	160000	mg/kg	37	Q 20



INORGANICS & MISCELLANEOUS

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624504**Project Number:** 15209**Report Date:** 08/10/16**SAMPLE RESULTS**

Lab ID: L1624504-01

Date Collected: 08/04/16 14:00

Client ID: 16

Date Received: 08/05/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	08/06/16 05:54	121,2540G	VB



Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1624504**Project Number:** 15209**Report Date:** 08/10/16**SAMPLE RESULTS**

Lab ID: L1624504-02

Date Collected: 08/05/16 08:15

Client ID: 17

Date Received: 08/05/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	08/06/16 05:54	121,2540G	VB



Lab Duplicate Analysis
Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1624504

Report Date: 08/10/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG920531-1 QC Sample: L1624605-01 Client ID: DUP Sample						
Solids, Total	69.7	70.6	%	1		20



Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1624504

Project Number: 15209

Report Date: 08/10/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1624504-01A	Metals Only - Glass 60mL/2oz unp	A	N/A	5.4	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1624504-01B	Glass 120ml/4oz unpreserved	A	N/A	5.4	Y	Absent	NYTCL-8270(14),TS(7)
L1624504-02A	Metals Only - Glass 60mL/2oz unp	A	N/A	5.4	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1624504-02B	Glass 120ml/4oz unpreserved	A	N/A	5.4	Y	Absent	NYTCL-8260HLW(2),NYTCL-8270(14),HOLD-8260(14)
L1624504-02B9	Vial MeOH preserved split	A	N/A	5.4	Y	Absent	NYTCL-8260HLW(14)
L1624504-02C	Vial MeOH preserved	A	N/A	5.4	Y	Absent	NYTCL-8260HLW(14)
L1624504-02D	Vial water preserved	A	N/A	5.4	Y	Absent	NYTCL-8260HLW(14)
L1624504-02E	Vial water preserved	A	N/A	5.4	Y	Absent	NYTCL-8260HLW(14)
L1624504-02F	Plastic 2oz unpreserved for TS	A	N/A	5.4	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1624504
Report Date: 08/10/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #	
		1 of 1	8/6/16	L162-1504	
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information
Project Name: <u>Destiny - Embassy Suites</u>		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B		<input checked="" type="checkbox"/> Same as Client Info PO #	
Project Location: <u>Syracuse, NY</u>		<input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)			
Project # <u>15209</u>		<input type="checkbox"/> Other			
Client: <u>Spectra Environmental</u>		Regulatory Requirement		Disposal Site Information	
Address: <u>19 British American Latham, NY 12110</u>		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375		Please identify below location of applicable disposal facilities. Disposal Facility:	
Phone: <u>518-782-0882</u>		<input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51			
Fax:		<input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other		<input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Email: <u>Fpeduto@spectraenv.com</u>		<input type="checkbox"/> NY Unrestricted Use			
Turn-Around Time		<input type="checkbox"/> NYC Sewer Discharge			
Standard <input checked="" type="checkbox"/> Due Date:		Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: <u>2</u> <i>see comments</i>			
These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration	
Other project specific requirements/comments:		SVOCs	Total Metals	Terracore	<input type="checkbox"/> Done
					<input type="checkbox"/> Lab to do Preservation
Please specify Metals or TAL.					<input type="checkbox"/> Lab to do
					(Please Specify below)
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection	Sample Matrix	Sampler's Initials	Sample Specific Comments
		Date Time			
<u>21501-01</u>	<u>16</u>	<u>8/4/16</u> <u>14:00</u>	<u>SOIL</u>	<u>YW</u>	<u>2 DAY TAT</u>
<u>02</u>	<u>17</u>	<u>8/5/16</u> <u>08:15</u>	<u>SOIL</u>	<u>YW</u>	<u>STANDARD TAT</u>
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015	
		Container Type		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
		Preservative			
Relinquished By:		Date/Time		Received By:	
<u>Robert Adams AAL</u>		<u>8/5/16 / 11:00</u>		<u>Robert Adams AAL</u>	
				<u>8-5-16 11:00</u>	
				<u>8/6/16 08:00</u>	



ANALYTICAL REPORT

Lab Number:	L1625116
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Frank Peduto
Phone:	(518) 782-0882
Project Name:	DESTINY - EMBASSY SUITES
Project Number:	15209
Report Date:	08/18/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1625116-01	19	SOIL	SYRACUSE, NY	08/10/16 12:00	08/11/16
L1625116-02	20	SOIL	SYRACUSE, NY	08/11/16 08:30	08/11/16

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Metals

L1625116-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 08/18/16

ORGANICS

VOLATILES

Project Name: DESTINY - EMBASSY SUITES**Lab Number:** L1625116**Project Number:** 15209**Report Date:** 08/18/16**SAMPLE RESULTS**

Lab ID: L1625116-01
Client ID: 19
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/17/16 23:37
Analyst: JC
Percent Solids: 84%

Date Collected: 08/10/16 12:00
Date Received: 08/11/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		mg/kg	0.012	0.0013	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
Chloroform	0.0015	J	mg/kg	0.0018	0.00044	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00027	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
Chlorobenzene	ND		mg/kg	0.0012	0.00042	1
Trichlorofluoromethane	ND		mg/kg	0.0060	0.00046	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00014	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00021	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
cis-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
Bromoform	ND		mg/kg	0.0048	0.00028	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
Chloromethane	ND		mg/kg	0.0060	0.00035	1
Bromomethane	ND		mg/kg	0.0024	0.00040	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Chloroethane	ND		mg/kg	0.0024	0.00038	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichlorobenzene	ND		mg/kg	0.0060	0.00018	1
1,3-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

SAMPLE RESULTS

Lab ID: L1625116-01

Date Collected: 08/10/16 12:00

Client ID: 19

Date Received: 08/11/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
Styrene	ND		mg/kg	0.0024	0.00048	1
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Acetone	0.016		mg/kg	0.012	0.0012	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
2-Hexanone	ND		mg/kg	0.012	0.00080	1
Bromochloromethane	ND		mg/kg	0.0060	0.00033	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0060	0.00047	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0060	0.00018	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0060	0.00022	1
Methyl Acetate	0.022	J	mg/kg	0.024	0.00032	1
Cyclohexane	ND		mg/kg	0.024	0.00017	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1
Freon-113	ND		mg/kg	0.024	0.00033	1
Methyl cyclohexane	ND		mg/kg	0.0048	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	100		70-130

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

SAMPLE RESULTS

Lab ID: L1625116-02
Client ID: 20
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/18/16 00:04
Analyst: JC
Percent Solids: 81%

Date Collected: 08/11/16 08:30
Date Received: 08/11/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		mg/kg	0.0090	0.00099	1
1,1-Dichloroethane	ND		mg/kg	0.0013	0.00007	1
Chloroform	ND		mg/kg	0.0013	0.00033	1
Carbon tetrachloride	ND		mg/kg	0.00090	0.00019	1
1,2-Dichloropropane	ND		mg/kg	0.0031	0.00020	1
Dibromochloromethane	ND		mg/kg	0.00090	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0013	0.00027	1
Tetrachloroethene	ND		mg/kg	0.00090	0.00012	1
Chlorobenzene	ND		mg/kg	0.00090	0.00031	1
Trichlorofluoromethane	0.00039	J	mg/kg	0.0045	0.00035	1
1,2-Dichloroethane	ND		mg/kg	0.00090	0.00010	1
1,1,1-Trichloroethane	ND		mg/kg	0.00090	0.00009	1
Bromodichloromethane	ND		mg/kg	0.00090	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.00090	0.00011	1
cis-1,3-Dichloropropene	ND		mg/kg	0.00090	0.00010	1
Bromoform	ND		mg/kg	0.0036	0.00021	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00090	0.00009	1
Benzene	0.00044	J	mg/kg	0.00090	0.00010	1
Toluene	0.00028	J	mg/kg	0.0013	0.00017	1
Ethylbenzene	ND		mg/kg	0.00090	0.00011	1
Chloromethane	ND		mg/kg	0.0045	0.00026	1
Bromomethane	ND		mg/kg	0.0018	0.00030	1
Vinyl chloride	ND		mg/kg	0.0018	0.00010	1
Chloroethane	ND		mg/kg	0.0018	0.00028	1
1,1-Dichloroethene	ND		mg/kg	0.00090	0.00024	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0013	0.00019	1
Trichloroethene	ND		mg/kg	0.00090	0.00011	1
1,2-Dichlorobenzene	ND		mg/kg	0.0045	0.00014	1
1,3-Dichlorobenzene	ND		mg/kg	0.0045	0.00012	1
1,4-Dichlorobenzene	ND		mg/kg	0.0045	0.00012	1

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

SAMPLE RESULTS

Lab ID: L1625116-02
 Client ID: 20
 Sample Location: SYRACUSE, NY

Date Collected: 08/11/16 08:30
 Date Received: 08/11/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0018	0.00007	1
p/m-Xylene	ND		mg/kg	0.0018	0.00018	1
o-Xylene	ND		mg/kg	0.0018	0.00015	1
cis-1,2-Dichloroethene	ND		mg/kg	0.00090	0.00013	1
Styrene	ND		mg/kg	0.0018	0.00036	1
Dichlorodifluoromethane	ND		mg/kg	0.0090	0.00017	1
Acetone	0.044		mg/kg	0.0090	0.00093	1
Carbon disulfide	ND		mg/kg	0.0090	0.00099	1
2-Butanone	0.0091		mg/kg	0.0090	0.00024	1
4-Methyl-2-pentanone	ND		mg/kg	0.0090	0.00022	1
2-Hexanone	ND		mg/kg	0.0090	0.00060	1
Bromochloromethane	ND		mg/kg	0.0045	0.00025	1
1,2-Dibromoethane	ND		mg/kg	0.0036	0.00016	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0045	0.00036	1
Isopropylbenzene	ND		mg/kg	0.00090	0.00009	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0045	0.00013	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0045	0.00016	1
Methyl Acetate	ND		mg/kg	0.018	0.00024	1
Cyclohexane	0.00065	J	mg/kg	0.018	0.00013	1
1,4-Dioxane	ND		mg/kg	0.090	0.013	1
Freon-113	ND		mg/kg	0.018	0.00025	1
Methyl cyclohexane	0.0012	J	mg/kg	0.0036	0.00014	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	100		70-130

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/17/16 15:36
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG923849-5					
Methylene chloride	ND		mg/kg	0.010	0.0011
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Bromoform	ND		mg/kg	0.0040	0.00024
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
Benzene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
Ethylbenzene	ND		mg/kg	0.0010	0.00013
Chloromethane	ND		mg/kg	0.0050	0.00029
Bromomethane	ND		mg/kg	0.0020	0.00034
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Chloroethane	ND		mg/kg	0.0020	0.00032
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/17/16 15:36
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG923849-5					
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
Styrene	ND		mg/kg	0.0020	0.00040
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Acetone	ND		mg/kg	0.010	0.0010
Carbon disulfide	ND		mg/kg	0.010	0.0011
2-Butanone	ND		mg/kg	0.010	0.00027
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
2-Hexanone	ND		mg/kg	0.010	0.00067
Bromochloromethane	ND		mg/kg	0.0050	0.00028
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Methyl Acetate	ND		mg/kg	0.020	0.00027
Cyclohexane	ND		mg/kg	0.020	0.00015
1,4-Dioxane	ND		mg/kg	0.10	0.014
Freon-113	ND		mg/kg	0.020	0.00027
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 08/17/16 15:36
 Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG923849-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG923849-3 WG923849-4									
Methylene chloride	102		96		70-130		6		30
1,1-Dichloroethane	105		99		70-130		6		30
Chloroform	104		98		70-130		6		30
Carbon tetrachloride	112		103		70-130		8		30
1,2-Dichloropropane	103		96		70-130		7		30
Dibromochloromethane	98		93		70-130		5		30
2-Chloroethylvinyl ether	179	Q	170	Q	70-130		5		30
1,1,2-Trichloroethane	98		92		70-130		6		30
Tetrachloroethene	107		97		70-130		10		30
Chlorobenzene	102		94		70-130		8		30
Trichlorofluoromethane	110		102		70-139		8		30
1,2-Dichloroethane	99		94		70-130		5		30
1,1,1-Trichloroethane	107		99		70-130		8		30
Bromodichloromethane	102		96		70-130		6		30
trans-1,3-Dichloropropene	101		97		70-130		4		30
cis-1,3-Dichloropropene	104		98		70-130		6		30
1,1-Dichloropropene	110		100		70-130		10		30
Bromoform	96		94		70-130		2		30
1,1,2,2-Tetrachloroethane	90		90		70-130		0		30
Benzene	103		97		70-130		6		30
Toluene	102		95		70-130		7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG923849-3 WG923849-4									
Ethylbenzene	101		94		70-130		7		30
Chloromethane	102		94		52-130		8		30
Bromomethane	112		98		57-147		13		30
Vinyl chloride	117		102		67-130		14		30
Chloroethane	106		97		50-151		9		30
1,1-Dichloroethene	112		103		65-135		8		30
trans-1,2-Dichloroethene	106		99		70-130		7		30
Trichloroethene	104		96		70-130		8		30
1,2-Dichlorobenzene	99		97		70-130		2		30
1,3-Dichlorobenzene	102		97		70-130		5		30
1,4-Dichlorobenzene	100		96		70-130		4		30
Methyl tert butyl ether	99		94		66-130		5		30
p/m-Xylene	102		94		70-130		8		30
o-Xylene	101		93		70-130		8		30
cis-1,2-Dichloroethene	104		99		70-130		5		30
Dibromomethane	102		97		70-130		5		30
Styrene	99		92		70-130		7		30
Dichlorodifluoromethane	120		108		30-146		11		30
Acetone	113		109		54-140		4		30
Carbon disulfide	107		96		59-130		11		30
2-Butanone	103		103		70-130		0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG923849-3 WG923849-4								
Vinyl acetate	100		95		70-130	5		30
4-Methyl-2-pentanone	94		90		70-130	4		30
1,2,3-Trichloropropane	93		92		68-130	1		30
2-Hexanone	93		90		70-130	3		30
Bromochloromethane	106		100		70-130	6		30
2,2-Dichloropropane	112		104		70-130	7		30
1,2-Dibromoethane	101		95		70-130	6		30
1,3-Dichloropropane	99		93		69-130	6		30
1,1,1,2-Tetrachloroethane	102		95		70-130	7		30
Bromobenzene	99		96		70-130	3		30
n-Butylbenzene	103		96		70-130	7		30
sec-Butylbenzene	104		97		70-130	7		30
tert-Butylbenzene	102		96		70-130	6		30
o-Chlorotoluene	102		96		70-130	6		30
p-Chlorotoluene	100		95		70-130	5		30
1,2-Dibromo-3-chloropropane	88		88		68-130	0		30
Hexachlorobutadiene	106		102		67-130	4		30
Isopropylbenzene	101		96		70-130	5		30
p-Isopropyltoluene	103		97		70-130	6		30
Naphthalene	92		91		70-130	1		30
Acrylonitrile	99		97		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG923849-3 WG923849-4								
Isopropyl Ether	99		94		66-130	5		30
tert-Butyl Alcohol	76		74		70-130	3		30
n-Propylbenzene	101		96		70-130	5		30
1,2,3-Trichlorobenzene	97		96		70-130	1		30
1,2,4-Trichlorobenzene	102		99		70-130	3		30
1,3,5-Trimethylbenzene	101		95		70-130	6		30
1,2,4-Trimethylbenzene	100		96		70-130	4		30
Methyl Acetate	92		90		51-146	2		30
Ethyl Acetate	145	Q	158	Q	70-130	9		30
Acrolein	91		89		70-130	2		30
Cyclohexane	110		101		59-142	9		30
1,4-Dioxane	94		92		65-136	2		30
Freon-113	116		104		50-139	11		30
1,4-Diethylbenzene	103		97		70-130	6		30
4-Ethyltoluene	102		96		70-130	6		30
1,2,4,5-Tetramethylbenzene	99		94		70-130	5		30
Tetrahydrofuran	90		90		66-130	0		30
Ethyl ether	98		93		67-130	5		30
trans-1,4-Dichloro-2-butene	100		96		70-130	4		30
Methyl cyclohexane	112		102		70-130	9		30
Ethyl-Tert-Butyl-Ether	99		94		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG923849-3 WG923849-4								
Tertiary-Amyl Methyl Ether	97		93		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		97		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: DESTINY - EMBASSY SUITES**Lab Number:** L1625116**Project Number:** 15209**Report Date:** 08/18/16**SAMPLE RESULTS**

Lab ID: L1625116-01
Client ID: 19
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/18/16 15:13
Analyst: KR
Percent Solids: 84%

Date Collected: 08/10/16 12:00
Date Received: 08/11/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 08/15/16 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.098	J	mg/kg	0.16	0.020	1
Hexachlorobenzene	ND		mg/kg	0.12	0.022	1
Bis(2-chloroethyl)ether	ND		mg/kg	0.18	0.027	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.020	1
3,3'-Dichlorobenzidine	ND		mg/kg	0.20	0.053	1
2,4-Dinitrotoluene	ND		mg/kg	0.20	0.040	1
2,6-Dinitrotoluene	ND		mg/kg	0.20	0.034	1
Fluoranthene	2.4		mg/kg	0.12	0.023	1
4-Chlorophenyl phenyl ether	ND		mg/kg	0.20	0.021	1
4-Bromophenyl phenyl ether	ND		mg/kg	0.20	0.030	1
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.24	0.034	1
Bis(2-chloroethoxy)methane	ND		mg/kg	0.21	0.020	1
Hexachlorobutadiene	ND		mg/kg	0.20	0.029	1
Hexachlorocyclopentadiene	ND		mg/kg	0.57	0.18	1
Hexachloroethane	ND		mg/kg	0.16	0.032	1
Isophorone	ND		mg/kg	0.18	0.026	1
Naphthalene	0.064	J	mg/kg	0.20	0.024	1
Nitrobenzene	ND		mg/kg	0.18	0.029	1
NDPA/DPA	ND		mg/kg	0.16	0.022	1
n-Nitrosodi-n-propylamine	ND		mg/kg	0.20	0.030	1
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.20	0.068	1
Butyl benzyl phthalate	ND		mg/kg	0.20	0.050	1
Di-n-butylphthalate	ND		mg/kg	0.20	0.038	1
Di-n-octylphthalate	ND		mg/kg	0.20	0.067	1
Diethyl phthalate	ND		mg/kg	0.20	0.018	1
Dimethyl phthalate	ND		mg/kg	0.20	0.042	1
Benzo(a)anthracene	1.0		mg/kg	0.12	0.022	1
Benzo(a)pyrene	0.81		mg/kg	0.16	0.048	1
Benzo(b)fluoranthene	1.1		mg/kg	0.12	0.033	1
Benzo(k)fluoranthene	0.42		mg/kg	0.12	0.032	1

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

SAMPLE RESULTS

Lab ID: L1625116-01

Date Collected: 08/10/16 12:00

Client ID: 19

Date Received: 08/11/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	0.88		mg/kg	0.12	0.021	1
Acenaphthylene	0.066	J	mg/kg	0.16	0.030	1
Anthracene	0.46		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.38		mg/kg	0.16	0.023	1
Fluorene	0.14	J	mg/kg	0.20	0.019	1
Phenanthrene	1.5		mg/kg	0.12	0.024	1
Dibenzo(a,h)anthracene	0.12		mg/kg	0.12	0.023	1
Indeno(1,2,3-cd)pyrene	0.49		mg/kg	0.16	0.028	1
Pyrene	1.9		mg/kg	0.12	0.020	1
Biphenyl	ND		mg/kg	0.45	0.046	1
4-Chloroaniline	ND		mg/kg	0.20	0.036	1
2-Nitroaniline	ND		mg/kg	0.20	0.038	1
3-Nitroaniline	ND		mg/kg	0.20	0.037	1
4-Nitroaniline	ND		mg/kg	0.20	0.082	1
Dibenzofuran	0.088	J	mg/kg	0.20	0.019	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.024	1
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.20	0.021	1
Acetophenone	ND		mg/kg	0.20	0.024	1
2,4,6-Trichlorophenol	ND		mg/kg	0.12	0.038	1
p-Chloro-m-cresol	ND		mg/kg	0.20	0.030	1
2-Chlorophenol	ND		mg/kg	0.20	0.023	1
2,4-Dichlorophenol	ND		mg/kg	0.18	0.032	1
2,4-Dimethylphenol	ND		mg/kg	0.20	0.065	1
2-Nitrophenol	ND		mg/kg	0.43	0.074	1
4-Nitrophenol	ND		mg/kg	0.28	0.081	1
2,4-Dinitrophenol	ND		mg/kg	0.95	0.092	1
4,6-Dinitro-o-cresol	ND		mg/kg	0.52	0.095	1
Pentachlorophenol	ND		mg/kg	0.16	0.044	1
Phenol	ND		mg/kg	0.20	0.030	1
2-Methylphenol	ND		mg/kg	0.20	0.031	1
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.28	0.031	1
2,4,5-Trichlorophenol	ND		mg/kg	0.20	0.038	1
Carbazole	0.14	J	mg/kg	0.20	0.019	1
Atrazine	ND		mg/kg	0.16	0.069	1
Benzaldehyde	ND		mg/kg	0.26	0.053	1
Caprolactam	ND		mg/kg	0.20	0.060	1
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.20	0.040	1

Project Name: DESTINY - EMBASSY SUITES**Lab Number:** L1625116**Project Number:** 15209**Report Date:** 08/18/16**SAMPLE RESULTS**

Lab ID: L1625116-01

Date Collected: 08/10/16 12:00

Client ID: 19

Date Received: 08/11/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	71		18-120

Project Name: DESTINY - EMBASSY SUITES**Lab Number:** L1625116**Project Number:** 15209**Report Date:** 08/18/16**SAMPLE RESULTS**

Lab ID: L1625116-02 D
 Client ID: 20
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 08/18/16 15:40
 Analyst: KR
 Percent Solids: 81%

Date Collected: 08/11/16 08:30
 Date Received: 08/11/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 08/15/16 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.33		mg/kg	0.33	0.042	2
Hexachlorobenzene	ND		mg/kg	0.24	0.046	2
Bis(2-chloroethyl)ether	ND		mg/kg	0.37	0.055	2
2-Chloronaphthalene	ND		mg/kg	0.41	0.040	2
3,3'-Dichlorobenzidine	ND		mg/kg	0.41	0.11	2
2,4-Dinitrotoluene	ND		mg/kg	0.41	0.082	2
2,6-Dinitrotoluene	ND		mg/kg	0.41	0.070	2
Fluoranthene	13.		mg/kg	0.24	0.047	2
4-Chlorophenyl phenyl ether	ND		mg/kg	0.41	0.044	2
4-Bromophenyl phenyl ether	ND		mg/kg	0.41	0.062	2
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.49	0.070	2
Bis(2-chloroethoxy)methane	ND		mg/kg	0.44	0.041	2
Hexachlorobutadiene	ND		mg/kg	0.41	0.060	2
Hexachlorocyclopentadiene	ND		mg/kg	1.2	0.37	2
Hexachloroethane	ND		mg/kg	0.33	0.066	2
Isophorone	ND		mg/kg	0.37	0.053	2
Naphthalene	0.37	J	mg/kg	0.41	0.050	2
Nitrobenzene	ND		mg/kg	0.37	0.060	2
NDPA/DPA	ND		mg/kg	0.33	0.046	2
n-Nitrosodi-n-propylamine	ND		mg/kg	0.41	0.063	2
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.41	0.14	2
Butyl benzyl phthalate	ND		mg/kg	0.41	0.10	2
Di-n-butylphthalate	ND		mg/kg	0.41	0.077	2
Di-n-octylphthalate	ND		mg/kg	0.41	0.14	2
Diethyl phthalate	ND		mg/kg	0.41	0.038	2
Dimethyl phthalate	ND		mg/kg	0.41	0.086	2
Benzo(a)anthracene	7.2		mg/kg	0.24	0.046	2
Benzo(a)pyrene	6.7		mg/kg	0.33	0.10	2
Benzo(b)fluoranthene	9.6		mg/kg	0.24	0.069	2
Benzo(k)fluoranthene	3.1		mg/kg	0.24	0.065	2

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

SAMPLE RESULTS

Lab ID: L1625116-02 D

Date Collected: 08/11/16 08:30

Client ID: 20

Date Received: 08/11/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	6.6		mg/kg	0.24	0.042	2
Acenaphthylene	1.3		mg/kg	0.33	0.063	2
Anthracene	1.9		mg/kg	0.24	0.080	2
Benzo(ghi)perylene	3.7		mg/kg	0.33	0.048	2
Fluorene	0.70		mg/kg	0.41	0.040	2
Phenanthrene	5.7		mg/kg	0.24	0.050	2
Dibenzo(a,h)anthracene	1.1		mg/kg	0.24	0.047	2
Indeno(1,2,3-cd)pyrene	4.6		mg/kg	0.33	0.057	2
Pyrene	12.		mg/kg	0.24	0.041	2
Biphenyl	ND		mg/kg	0.93	0.095	2
4-Chloroaniline	ND		mg/kg	0.41	0.074	2
2-Nitroaniline	ND		mg/kg	0.41	0.079	2
3-Nitroaniline	ND		mg/kg	0.41	0.077	2
4-Nitroaniline	ND		mg/kg	0.41	0.17	2
Dibenzofuran	0.31	J	mg/kg	0.41	0.039	2
2-Methylnaphthalene	0.17	J	mg/kg	0.49	0.049	2
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.41	0.043	2
Acetophenone	ND		mg/kg	0.41	0.050	2
2,4,6-Trichlorophenol	ND		mg/kg	0.24	0.077	2
p-Chloro-m-cresol	ND		mg/kg	0.41	0.061	2
2-Chlorophenol	ND		mg/kg	0.41	0.048	2
2,4-Dichlorophenol	ND		mg/kg	0.37	0.066	2
2,4-Dimethylphenol	ND		mg/kg	0.41	0.13	2
2-Nitrophenol	ND		mg/kg	0.88	0.15	2
4-Nitrophenol	ND		mg/kg	0.57	0.17	2
2,4-Dinitrophenol	ND		mg/kg	2.0	0.19	2
4,6-Dinitro-o-cresol	ND		mg/kg	1.1	0.20	2
Pentachlorophenol	ND		mg/kg	0.33	0.090	2
Phenol	ND		mg/kg	0.41	0.062	2
2-Methylphenol	ND		mg/kg	0.41	0.063	2
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.59	0.064	2
2,4,5-Trichlorophenol	ND		mg/kg	0.41	0.078	2
Carbazole	0.57		mg/kg	0.41	0.040	2
Atrazine	ND		mg/kg	0.33	0.14	2
Benzaldehyde	ND		mg/kg	0.54	0.11	2
Caprolactam	ND		mg/kg	0.41	0.12	2
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.41	0.082	2

Project Name: DESTINY - EMBASSY SUITES**Lab Number:** L1625116**Project Number:** 15209**Report Date:** 08/18/16**SAMPLE RESULTS**

Lab ID: L1625116-02 D

Date Collected: 08/11/16 08:30

Client ID: 20

Date Received: 08/11/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	55		18-120

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/16/16 12:41
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 08/15/16 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG923596-1					
Acenaphthene	ND		mg/kg	0.13	0.017
Hexachlorobenzene	ND		mg/kg	0.098	0.018
Bis(2-chloroethyl)ether	ND		mg/kg	0.15	0.022
2-Chloronaphthalene	ND		mg/kg	0.16	0.016
3,3'-Dichlorobenzidine	ND		mg/kg	0.16	0.044
2,4-Dinitrotoluene	ND		mg/kg	0.16	0.033
2,6-Dinitrotoluene	ND		mg/kg	0.16	0.028
Fluoranthene	ND		mg/kg	0.098	0.019
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.018
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.025
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.20	0.028
Bis(2-chloroethoxy)methane	ND		mg/kg	0.18	0.016
Hexachlorobutadiene	ND		mg/kg	0.16	0.024
Hexachlorocyclopentadiene	ND		mg/kg	0.47	0.15
Hexachloroethane	ND		mg/kg	0.13	0.026
Isophorone	ND		mg/kg	0.15	0.021
Naphthalene	ND		mg/kg	0.16	0.020
Nitrobenzene	ND		mg/kg	0.15	0.024
NDPA/DPA	ND		mg/kg	0.13	0.019
n-Nitrosodi-n-propylamine	ND		mg/kg	0.16	0.025
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.16	0.057
Butyl benzyl phthalate	ND		mg/kg	0.16	0.041
Di-n-butylphthalate	ND		mg/kg	0.16	0.031
Di-n-octylphthalate	ND		mg/kg	0.16	0.056
Diethyl phthalate	ND		mg/kg	0.16	0.015
Dimethyl phthalate	ND		mg/kg	0.16	0.034
Benzo(a)anthracene	ND		mg/kg	0.098	0.018
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.028

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/16/16 12:41
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 08/15/16 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG923596-1					
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.026
Chrysene	ND		mg/kg	0.098	0.017
Acenaphthylene	ND		mg/kg	0.13	0.025
Anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.098	0.020
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.019
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.13	0.023
Pyrene	ND		mg/kg	0.098	0.016
Biphenyl	ND		mg/kg	0.37	0.038
4-Chloroaniline	ND		mg/kg	0.16	0.030
2-Nitroaniline	ND		mg/kg	0.16	0.032
3-Nitroaniline	ND		mg/kg	0.16	0.031
4-Nitroaniline	ND		mg/kg	0.16	0.068
Dibenzofuran	ND		mg/kg	0.16	0.016
2-Methylnaphthalene	ND		mg/kg	0.20	0.020
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.017
Acetophenone	ND		mg/kg	0.16	0.020
2,4,6-Trichlorophenol	ND		mg/kg	0.098	0.031
p-Chloro-m-cresol	ND		mg/kg	0.16	0.024
2-Chlorophenol	ND		mg/kg	0.16	0.019
2,4-Dichlorophenol	ND		mg/kg	0.15	0.026
2,4-Dimethylphenol	ND		mg/kg	0.16	0.054
2-Nitrophenol	ND		mg/kg	0.35	0.062
4-Nitrophenol	ND		mg/kg	0.23	0.067
2,4-Dinitrophenol	ND		mg/kg	0.79	0.076
4,6-Dinitro-o-cresol	ND		mg/kg	0.43	0.079
Pentachlorophenol	ND		mg/kg	0.13	0.036

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 08/16/16 12:41
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 08/15/16 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG923596-1					
Phenol	ND		mg/kg	0.16	0.025
2-Methylphenol	ND		mg/kg	0.16	0.025
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.24	0.026
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.031
Carbazole	ND		mg/kg	0.16	0.016
Atrazine	ND		mg/kg	0.13	0.057
Benzaldehyde	ND		mg/kg	0.22	0.044
Caprolactam	ND		mg/kg	0.16	0.050
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	119		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG923596-2 WG923596-3								
Acenaphthene	74		74		31-137	0		50
Benidine	64		54		10-66	17		50
1,2,4-Trichlorobenzene	68		66		38-107	3		50
Hexachlorobenzene	74		72		40-140	3		50
Bis(2-chloroethyl)ether	59		61		40-140	3		50
2-Chloronaphthalene	72		71		40-140	1		50
1,2-Dichlorobenzene	63		64		40-140	2		50
1,3-Dichlorobenzene	63		64		40-140	2		50
1,4-Dichlorobenzene	62		63		28-104	2		50
3,3'-Dichlorobenzidine	73		69		40-140	6		50
2,4-Dinitrotoluene	75		80		28-89	6		50
2,6-Dinitrotoluene	71		76		40-140	7		50
Azobenzene	71		73		40-140	3		50
Fluoranthene	79		78		40-140	1		50
4-Chlorophenyl phenyl ether	74		73		40-140	1		50
4-Bromophenyl phenyl ether	80		79		40-140	1		50
Bis(2-chloroisopropyl)ether	54		57		40-140	5		50
Bis(2-chloroethoxy)methane	69		69		40-117	0		50
Hexachlorobutadiene	75		75		40-140	0		50
Hexachlorocyclopentadiene	35	Q	38	Q	40-140	8		50
Hexachloroethane	62		63		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG923596-2 WG923596-3								
Isophorone	64		64		40-140	0		50
Naphthalene	68		68		40-140	0		50
Nitrobenzene	63		65		40-140	3		50
NitrosoDiPhenylAmine(NDPA)/DPA	77		77		36-157	0		50
n-Nitrosodi-n-propylamine	65		65		32-121	0		50
Bis(2-Ethylhexyl)phthalate	94		95		40-140	1		50
Butyl benzyl phthalate	95		94		40-140	1		50
Di-n-butylphthalate	79		77		40-140	3		50
Di-n-octylphthalate	93		93		40-140	0		50
Diethyl phthalate	76		78		40-140	3		50
Dimethyl phthalate	85		84		40-140	1		50
Benzo(a)anthracene	79		79		40-140	0		50
Benzo(a)pyrene	73		74		40-140	1		50
Benzo(b)fluoranthene	74		75		40-140	1		50
Benzo(k)fluoranthene	82		82		40-140	0		50
Chrysene	70		71		40-140	1		50
Acenaphthylene	81		81		40-140	0		50
Anthracene	77		76		40-140	1		50
Benzo(ghi)perylene	80		81		40-140	1		50
Fluorene	76		75		40-140	1		50
Phenanthrene	71		71		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG923596-2 WG923596-3								
Dibenzo(a,h)anthracene	73		73		40-140	0		50
Indeno(1,2,3-cd)Pyrene	77		78		40-140	1		50
Pyrene	74		74		35-142	0		50
Biphenyl	72		71		54-104	1		50
Aniline	51		49		40-140	4		50
4-Chloroaniline	60		60		40-140	0		50
1-Methylnaphthalene	70		70		26-130	0		50
2-Nitroaniline	82		82		47-134	0		50
3-Nitroaniline	76		75		26-129	1		50
4-Nitroaniline	76		75		41-125	1		50
Dibenzofuran	74		74		40-140	0		50
2-Methylnaphthalene	74		75		40-140	1		50
1,2,4,5-Tetrachlorobenzene	73		73		40-117	0		50
Acetophenone	69		70		14-144	1		50
n-Nitrosodimethylamine	55		57		22-100	4		50
2,4,6-Trichlorophenol	79		79		30-130	0		50
P-Chloro-M-Cresol	76		76		26-103	0		50
2-Chlorophenol	67		69		25-102	3		50
2,4-Dichlorophenol	74		73		30-130	1		50
2,4-Dimethylphenol	72		73		30-130	1		50
2-Nitrophenol	61		71		30-130	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG923596-2 WG923596-3								
4-Nitrophenol	57		60		11-114	5		50
2,4-Dinitrophenol	19		20		4-130	5		50
4,6-Dinitro-o-cresol	22		26		10-130	17		50
Pentachlorophenol	72		71		17-109	1		50
Phenol	66		67		26-90	2		50
2-Methylphenol	72		73		30-130.	1		50
3-Methylphenol/4-Methylphenol	70		70		30-130	0		50
2,4,5-Trichlorophenol	84		84		30-130	0		50
Benzoic Acid	46		49		10-110	6		50
Benzyl Alcohol	76		78		40-140	3		50
Carbazole	76		77		54-128	1		50
Pyridine	45		47		10-93	4		50
Parathion, ethyl	118		120		40-140	2		50
Atrazine	84		84		40-140	0		50
Benzaldehyde	43		43		40-140	0		50
Caprolactam	66		68		15-130	3		50
2,3,4,6-Tetrachlorophenol	84		82		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG923596-2 WG923596-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
2-Fluorophenol	70		72		25-120
Phenol-d6	76		77		10-120
Nitrobenzene-d5	69		71		23-120
2-Fluorobiphenyl	75		74		30-120
2,4,6-Tribromophenol	80		80		10-136
4-Terphenyl-d14	79		79		18-120

METALS

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

SAMPLE RESULTS

Lab ID: L1625116-01
 Client ID: 19
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 08/10/16 12:00
 Date Received: 08/11/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6600		mg/kg	9.5	1.9	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Antimony, Total	0.97	J	mg/kg	4.8	0.76	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Arsenic, Total	21		mg/kg	0.95	0.31	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Barium, Total	230		mg/kg	0.95	0.26	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Beryllium, Total	0.42	J	mg/kg	0.48	0.10	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Cadmium, Total	0.93	J	mg/kg	0.95	0.07	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Calcium, Total	28000		mg/kg	9.5	2.6	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Chromium, Total	10		mg/kg	0.95	0.16	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Cobalt, Total	12		mg/kg	1.9	0.46	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Copper, Total	32		mg/kg	0.95	0.17	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Iron, Total	28000		mg/kg	4.8	1.5	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Lead, Total	33		mg/kg	4.8	0.21	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Magnesium, Total	7800		mg/kg	9.5	1.3	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Manganese, Total	1800		mg/kg	0.95	0.23	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Mercury, Total	0.31		mg/kg	0.08	0.02	1	08/12/16 07:20	08/12/16 11:10	EPA 7471B	1,7471B	BV
Nickel, Total	15		mg/kg	2.4	0.38	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Potassium, Total	560		mg/kg	240	27.	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.9	0.26	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.95	0.19	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Sodium, Total	160	J	mg/kg	190	16.	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.9	0.30	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Vanadium, Total	18		mg/kg	0.95	0.09	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS
Zinc, Total	46		mg/kg	4.8	0.66	2	08/12/16 06:40	08/12/16 14:13	EPA 3050B	1,6010C	PS



Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

SAMPLE RESULTS

Lab ID: L1625116-02
 Client ID: 20
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 08/11/16 08:30
 Date Received: 08/11/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6600		mg/kg	9.8	1.9	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Antimony, Total	1.3	J	mg/kg	4.9	0.78	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Arsenic, Total	74		mg/kg	0.98	0.32	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Barium, Total	69		mg/kg	0.98	0.26	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Beryllium, Total	0.35	J	mg/kg	0.49	0.11	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Cadmium, Total	3.2		mg/kg	0.98	0.07	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Calcium, Total	150000		mg/kg	49	13.	10	08/12/16 06:40	08/12/16 22:20	EPA 3050B	1,6010C	MC
Chromium, Total	9.8		mg/kg	0.98	0.17	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Cobalt, Total	6.4		mg/kg	2.0	0.48	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Copper, Total	110		mg/kg	0.98	0.18	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Iron, Total	18000		mg/kg	4.9	1.5	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Lead, Total	76		mg/kg	4.9	0.21	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Magnesium, Total	23000		mg/kg	9.8	1.3	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Manganese, Total	1300		mg/kg	0.98	0.23	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Mercury, Total	0.33		mg/kg	0.08	0.02	1	08/12/16 07:20	08/12/16 11:12	EPA 7471B	1,7471B	BV
Nickel, Total	12		mg/kg	2.4	0.39	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Potassium, Total	540		mg/kg	240	27.	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	2.0	0.26	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.98	0.20	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Sodium, Total	520		mg/kg	200	16.	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	2.0	0.31	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Vanadium, Total	12		mg/kg	0.98	0.09	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS
Zinc, Total	560		mg/kg	4.9	0.68	2	08/12/16 06:40	08/12/16 14:18	EPA 3050B	1,6010C	PS



Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG922146-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	08/12/16 07:20	08/12/16 10:48	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG922149-1										
Aluminum, Total	ND	mg/kg	4.0	0.79	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Antimony, Total	ND	mg/kg	2.0	0.32	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Arsenic, Total	ND	mg/kg	0.40	0.13	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Barium, Total	ND	mg/kg	0.40	0.11	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Beryllium, Total	ND	mg/kg	0.20	0.04	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Cadmium, Total	ND	mg/kg	0.40	0.03	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Calcium, Total	ND	mg/kg	4.0	1.1	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Chromium, Total	ND	mg/kg	0.40	0.07	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Cobalt, Total	ND	mg/kg	0.80	0.20	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Copper, Total	ND	mg/kg	0.40	0.07	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Iron, Total	0.80	J	mg/kg	2.0	0.63	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS
Lead, Total	ND	mg/kg	2.0	0.09	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Magnesium, Total	ND	mg/kg	4.0	0.53	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Manganese, Total	ND	mg/kg	0.40	0.10	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Nickel, Total	ND	mg/kg	1.0	0.16	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Potassium, Total	ND	mg/kg	100	11.	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Selenium, Total	ND	mg/kg	0.80	0.11	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Silver, Total	ND	mg/kg	0.40	0.08	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Sodium, Total	ND	mg/kg	80	6.7	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Thallium, Total	ND	mg/kg	0.80	0.13	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Vanadium, Total	ND	mg/kg	0.40	0.04	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	
Zinc, Total	ND	mg/kg	2.0	0.28	1	08/12/16 06:40	08/12/16 11:13	1,6010C	PS	

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG922146-2 SRM Lot Number: D089-540								
Mercury, Total	101		-		57-143	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG922149-2 SRM Lot Number: D089-540					
Aluminum, Total	68	-	52-147	-	
Antimony, Total	181	-	1-197	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	98	-	83-117	-	
Beryllium, Total	98	-	82-117	-	
Cadmium, Total	111	-	82-117	-	
Calcium, Total	104	-	81-119	-	
Chromium, Total	96	-	79-121	-	
Cobalt, Total	106	-	83-117	-	
Copper, Total	103	-	80-119	-	
Iron, Total	89	-	45-155	-	
Lead, Total	101	-	81-119	-	
Magnesium, Total	88	-	76-123	-	
Manganese, Total	102	-	81-119	-	
Nickel, Total	107	-	82-117	-	
Potassium, Total	85	-	71-128	-	
Selenium, Total	99	-	78-121	-	
Silver, Total	99	-	75-125	-	
Sodium, Total	104	-	71-128	-	
Thallium, Total	119	-	79-120	-	
Vanadium, Total	100	-	77-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG922149-2 SRM Lot Number: D089-540					
Zinc, Total	109	-	80-119	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG922146-4 QC Sample: L1625111-01 Client ID: MS Sample												
Mercury, Total	0.47	0.162	0.90	266	Q	-	-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG922149-4 QC Sample: L1625111-01 Client ID: MS Sample									
Aluminum, Total	3500	195	4500	512	Q	-	75-125	-	20
Antimony, Total	0.99J	48.8	46	94		-	75-125	-	20
Arsenic, Total	6.1	11.7	20	118		-	75-125	-	20
Barium, Total	110	195	240	66	Q	-	75-125	-	20
Beryllium, Total	0.21J	4.88	5.0	102		-	75-125	-	20
Cadmium, Total	0.34J	4.98	5.0	100		-	75-125	-	20
Calcium, Total	280000	977	250000	0	Q	-	75-125	-	20
Chromium, Total	6.4	19.5	23	85		-	75-125	-	20
Cobalt, Total	3.4	48.8	44	83		-	75-125	-	20
Copper, Total	21.	24.4	48	110		-	75-125	-	20
Iron, Total	7800	97.7	9400	1640	Q	-	75-125	-	20
Lead, Total	31.	49.8	78	94		-	75-125	-	20
Magnesium, Total	23000	977	19000	0	Q	-	75-125	-	20
Manganese, Total	220	48.8	300	164	Q	-	75-125	-	20
Nickel, Total	9.9	48.8	50	82		-	75-125	-	20
Potassium, Total	560	977	1700	117		-	75-125	-	20
Selenium, Total	ND	11.7	12	102		-	75-125	-	20
Silver, Total	ND	29.3	33	112		-	75-125	-	20
Sodium, Total	420	977	1600	121		-	75-125	-	20
Thallium, Total	ND	11.7	6.6	56	Q	-	75-125	-	20
Vanadium, Total	13.	48.8	56	88		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Lab Number: L1625116

Project Number: 15209

Report Date: 08/18/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG922149-4 QC Sample: L1625111-01 Client ID: MS Sample									
Zinc, Total	65.	48.8	120	112	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG922146-3 QC Sample: L1625111-01 Client ID: DUP Sample						
Mercury, Total	0.47	1.5	mg/kg	105	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG922149-3 QC Sample: L1625111-01 Client ID: DUP Sample						
Calcium, Total	280000	230000	mg/kg	20		20

Lab Duplicate Analysis Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG922149-3 QC Sample: L1625111-01 Client ID: DUP Sample					
Aluminum, Total	3500	5400	mg/kg	43	Q 20
Antimony, Total	0.99J	0.86J	mg/kg	NC	20
Arsenic, Total	6.1	7.6	mg/kg	22	Q 20
Barium, Total	110	60	mg/kg	59	Q 20
Beryllium, Total	0.21J	0.30J	mg/kg	NC	20
Cadmium, Total	0.34J	0.42J	mg/kg	NC	20
Chromium, Total	6.4	8.1	mg/kg	23	Q 20
Cobalt, Total	3.4	4.1	mg/kg	19	20
Copper, Total	21.	27	mg/kg	25	Q 20
Iron, Total	7800	10000	mg/kg	25	Q 20
Lead, Total	31.	45	mg/kg	37	Q 20
Magnesium, Total	23000	18000	mg/kg	24	Q 20
Manganese, Total	220	260	mg/kg	17	20
Nickel, Total	9.9	11	mg/kg	11	20
Potassium, Total	560	670	mg/kg	18	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	420	450	mg/kg	7	20
Thallium, Total	ND	ND	mg/kg	NC	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG922149-3 QC Sample: L1625111-01 Client ID: DUP Sample					
Vanadium, Total	13.	15	mg/kg	14	20
Zinc, Total	65.	79	mg/kg	19	20

INORGANICS & MISCELLANEOUS

Project Name: DESTINY - EMBASSY SUITES**Lab Number:** L1625116**Project Number:** 15209**Report Date:** 08/18/16**SAMPLE RESULTS**

Lab ID: L1625116-01

Date Collected: 08/10/16 12:00

Client ID: 19

Date Received: 08/11/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	08/12/16 14:55	121,2540G	RI



Project Name: DESTINY - EMBASSY SUITES**Lab Number:** L1625116**Project Number:** 15209**Report Date:** 08/18/16**SAMPLE RESULTS**

Lab ID: L1625116-02

Date Collected: 08/11/16 08:30

Client ID: 20

Date Received: 08/11/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	08/12/16 14:55	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY - EMBASSY SUITES

Project Number: 15209

Lab Number: L1625116

Report Date: 08/18/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG922337-2 QC Sample: L1625115-01 Client ID: DUP Sample						
Solids, Total	43.9	41.1	%	7		20

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 08/12/2016 02:43

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1625116-01A	Vial MeOH preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW-R2(14)
L1625116-01B	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW-R2(14)
L1625116-01C	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW-R2(14)
L1625116-01D	Glass 120ml/4oz unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14)
L1625116-01E	Metals Only - Glass 60mL/2oz unp	A	N/A	4.1	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1625116-01F	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1625116-02A	Vial MeOH preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW-R2(14)
L1625116-02B	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW-R2(14)
L1625116-02C	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW-R2(14)
L1625116-02D	Glass 120ml/4oz unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14)
L1625116-02E	Metals Only - Glass 60mL/2oz unp	A	N/A	4.1	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1625116-02F	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: DESTINY - EMBASSY SUITES
Project Number: 15209

Lab Number: L1625116
Report Date: 08/18/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



ANALYTICAL REPORT

Lab Number:	L1626169
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Frank Peduto
Phone:	(518) 782-0882
Project Name:	DESTINY-EMBASSY SUITES
Project Number:	15209
Report Date:	08/26/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1626169-01	23	SOIL	SYRACUSE, NY	08/19/16 13:45	08/19/16
L1626169-02	21	SOIL	SYRACUSE, NY	08/19/16 09:30	08/19/16
L1626169-03	24	SOIL	SYRACUSE, NY	08/19/16 14:00	08/19/16

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1626169-01 and -02: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L1626169-03: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Melissa Cripps

Title: Technical Director/Representative

Date: 08/26/16

ORGANICS

VOLATILES

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

SAMPLE RESULTS

Lab ID: L1626169-01
 Client ID: 23
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 08/26/16 13:39
 Analyst: BD
 Percent Solids: 74%

Date Collected: 08/19/16 13:45
 Date Received: 08/19/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		mg/kg	0.72	0.080	1
1,1-Dichloroethane	ND		mg/kg	0.11	0.0062	1
Chloroform	ND		mg/kg	0.11	0.027	1
Carbon tetrachloride	ND		mg/kg	0.072	0.015	1
1,2-Dichloropropane	ND		mg/kg	0.25	0.016	1
Dibromochloromethane	ND		mg/kg	0.072	0.011	1
1,1,2-Trichloroethane	ND		mg/kg	0.11	0.022	1
Tetrachloroethene	ND		mg/kg	0.072	0.010	1
Chlorobenzene	ND		mg/kg	0.072	0.025	1
Trichlorofluoromethane	ND		mg/kg	0.36	0.028	1
1,2-Dichloroethane	ND		mg/kg	0.072	0.0082	1
1,1,1-Trichloroethane	ND		mg/kg	0.072	0.0080	1
Bromodichloromethane	ND		mg/kg	0.072	0.012	1
trans-1,3-Dichloropropene	ND		mg/kg	0.072	0.0087	1
cis-1,3-Dichloropropene	ND		mg/kg	0.072	0.0085	1
Bromoform	ND		mg/kg	0.29	0.017	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.072	0.0073	1
Benzene	0.011	J	mg/kg	0.072	0.0085	1
Toluene	0.084	J	mg/kg	0.11	0.014	1
Ethylbenzene	0.0095	J	mg/kg	0.072	0.0092	1
Chloromethane	ND		mg/kg	0.36	0.021	1
Bromomethane	ND		mg/kg	0.14	0.024	1
Vinyl chloride	ND		mg/kg	0.14	0.0085	1
Chloroethane	ND		mg/kg	0.14	0.023	1
1,1-Dichloroethene	ND		mg/kg	0.072	0.019	1
trans-1,2-Dichloroethene	ND		mg/kg	0.11	0.015	1
Trichloroethene	ND		mg/kg	0.072	0.0090	1
1,2-Dichlorobenzene	ND		mg/kg	0.36	0.011	1
1,3-Dichlorobenzene	ND		mg/kg	0.36	0.0098	1
1,4-Dichlorobenzene	ND		mg/kg	0.36	0.010	1

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

SAMPLE RESULTS

Lab ID: L1626169-01
 Client ID: 23
 Sample Location: SYRACUSE, NY

Date Collected: 08/19/16 13:45
 Date Received: 08/19/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.0061	1
p/m-Xylene	0.022	J	mg/kg	0.14	0.014	1
o-Xylene	ND		mg/kg	0.14	0.012	1
cis-1,2-Dichloroethene	ND		mg/kg	0.072	0.010	1
Styrene	ND		mg/kg	0.14	0.029	1
Dichlorodifluoromethane	ND		mg/kg	0.72	0.014	1
Acetone	0.23	J	mg/kg	0.72	0.075	1
Carbon disulfide	ND		mg/kg	0.72	0.080	1
2-Butanone	0.18	J	mg/kg	0.72	0.020	1
4-Methyl-2-pentanone	ND		mg/kg	0.72	0.018	1
2-Hexanone	ND		mg/kg	0.72	0.048	1
Bromochloromethane	ND		mg/kg	0.36	0.020	1
1,2-Dibromoethane	ND		mg/kg	0.29	0.013	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.36	0.029	1
Isopropylbenzene	0.014	J	mg/kg	0.072	0.0075	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.36	0.011	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.36	0.013	1
Methyl Acetate	0.082	J	mg/kg	1.4	0.020	1
Cyclohexane	ND		mg/kg	1.4	0.010	1
1,4-Dioxane	ND		mg/kg	7.2	1.0	1
Freon-113	ND		mg/kg	1.4	0.020	1
Methyl cyclohexane	ND		mg/kg	0.29	0.011	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	96		70-130

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1626169**Project Number:** 15209**Report Date:** 08/26/16**SAMPLE RESULTS**

Lab ID: L1626169-02
Client ID: 21
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/16 14:07
Analyst: BD
Percent Solids: 84%

Date Collected: 08/19/16 09:30
Date Received: 08/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		mg/kg	0.62	0.069	1
1,1-Dichloroethane	ND		mg/kg	0.093	0.0053	1
Chloroform	ND		mg/kg	0.093	0.023	1
Carbon tetrachloride	ND		mg/kg	0.062	0.013	1
1,2-Dichloropropane	ND		mg/kg	0.22	0.014	1
Dibromochloromethane	ND		mg/kg	0.062	0.0096	1
1,1,2-Trichloroethane	ND		mg/kg	0.093	0.019	1
Tetrachloroethene	ND		mg/kg	0.062	0.0087	1
Chlorobenzene	ND		mg/kg	0.062	0.022	1
Trichlorofluoromethane	ND		mg/kg	0.31	0.024	1
1,2-Dichloroethane	ND		mg/kg	0.062	0.0071	1
1,1,1-Trichloroethane	ND		mg/kg	0.062	0.0069	1
Bromodichloromethane	ND		mg/kg	0.062	0.011	1
trans-1,3-Dichloropropene	ND		mg/kg	0.062	0.0075	1
cis-1,3-Dichloropropene	ND		mg/kg	0.062	0.0073	1
Bromoform	ND		mg/kg	0.25	0.015	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.062	0.0063	1
Benzene	0.10		mg/kg	0.062	0.0073	1
Toluene	0.30		mg/kg	0.093	0.012	1
Ethylbenzene	0.085		mg/kg	0.062	0.0079	1
Chloromethane	ND		mg/kg	0.31	0.018	1
Bromomethane	ND		mg/kg	0.12	0.021	1
Vinyl chloride	ND		mg/kg	0.12	0.0073	1
Chloroethane	ND		mg/kg	0.12	0.020	1
1,1-Dichloroethene	ND		mg/kg	0.062	0.016	1
trans-1,2-Dichloroethene	ND		mg/kg	0.093	0.013	1
Trichloroethene	ND		mg/kg	0.062	0.0078	1
1,2-Dichlorobenzene	ND		mg/kg	0.31	0.0095	1
1,3-Dichlorobenzene	ND		mg/kg	0.31	0.0084	1
1,4-Dichlorobenzene	ND		mg/kg	0.31	0.0086	1

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

SAMPLE RESULTS

Lab ID: L1626169-02
 Client ID: 21
 Sample Location: SYRACUSE, NY

Date Collected: 08/19/16 09:30
 Date Received: 08/19/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.0052	1
p/m-Xylene	0.24		mg/kg	0.12	0.012	1
o-Xylene	0.054	J	mg/kg	0.12	0.011	1
cis-1,2-Dichloroethene	ND		mg/kg	0.062	0.0089	1
Styrene	ND		mg/kg	0.12	0.025	1
Dichlorodifluoromethane	ND		mg/kg	0.62	0.012	1
Acetone	0.33	J	mg/kg	0.62	0.064	1
Carbon disulfide	ND		mg/kg	0.62	0.069	1
2-Butanone	0.58	J	mg/kg	0.62	0.017	1
4-Methyl-2-pentanone	ND		mg/kg	0.62	0.015	1
2-Hexanone	ND		mg/kg	0.62	0.041	1
Bromochloromethane	ND		mg/kg	0.31	0.017	1
1,2-Dibromoethane	ND		mg/kg	0.25	0.011	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.31	0.025	1
Isopropylbenzene	0.017	J	mg/kg	0.062	0.0065	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.31	0.0092	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.31	0.011	1
Methyl Acetate	0.37	J	mg/kg	1.2	0.017	1
Cyclohexane	ND		mg/kg	1.2	0.0091	1
1,4-Dioxane	ND		mg/kg	6.2	0.90	1
Freon-113	ND		mg/kg	1.2	0.017	1
Methyl cyclohexane	0.096	J	mg/kg	0.25	0.0096	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	94		70-130

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

SAMPLE RESULTS

Lab ID: L1626169-03
 Client ID: 24
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 08/25/16 17:43
 Analyst: MV
 Percent Solids: 89%

Date Collected: 08/19/16 14:00
 Date Received: 08/19/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		mg/kg	0.011	0.0012	1
1,1-Dichloroethane	ND		mg/kg	0.0016	0.00009	1
Chloroform	ND		mg/kg	0.0016	0.00040	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00023	1
1,2-Dichloropropane	ND		mg/kg	0.0038	0.00024	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00016	1
1,1,2-Trichloroethane	ND		mg/kg	0.0016	0.00033	1
Tetrachloroethene	ND		mg/kg	0.0011	0.00015	1
Chlorobenzene	ND		mg/kg	0.0011	0.00037	1
Trichlorofluoromethane	ND		mg/kg	0.0054	0.00042	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00012	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00012	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00019	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00013	1
cis-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00013	1
Bromoform	ND		mg/kg	0.0043	0.00025	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00011	1
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0016	0.00021	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
Chloromethane	ND		mg/kg	0.0054	0.00032	1
Bromomethane	ND		mg/kg	0.0022	0.00036	1
Vinyl chloride	ND		mg/kg	0.0022	0.00013	1
Chloroethane	ND		mg/kg	0.0022	0.00034	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00028	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0016	0.00023	1
Trichloroethene	ND		mg/kg	0.0011	0.00013	1
1,2-Dichlorobenzene	ND		mg/kg	0.0054	0.00016	1
1,3-Dichlorobenzene	ND		mg/kg	0.0054	0.00014	1
1,4-Dichlorobenzene	ND		mg/kg	0.0054	0.00015	1

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

SAMPLE RESULTS

Lab ID: L1626169-03
 Client ID: 24
 Sample Location: SYRACUSE, NY

Date Collected: 08/19/16 14:00
 Date Received: 08/19/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00009	1
p/m-Xylene	ND		mg/kg	0.0022	0.00021	1
o-Xylene	ND		mg/kg	0.0022	0.00018	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0011	0.00015	1
Styrene	ND		mg/kg	0.0022	0.00043	1
Dichlorodifluoromethane	ND		mg/kg	0.011	0.00020	1
Acetone	ND		mg/kg	0.011	0.0011	1
Carbon disulfide	ND		mg/kg	0.011	0.0012	1
2-Butanone	ND		mg/kg	0.011	0.00029	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00026	1
2-Hexanone	ND		mg/kg	0.011	0.00072	1
Bromochloromethane	ND		mg/kg	0.0054	0.00030	1
1,2-Dibromoethane	ND		mg/kg	0.0043	0.00019	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0054	0.00043	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00011	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0054	0.00016	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0054	0.00020	1
Methyl Acetate	ND		mg/kg	0.022	0.00029	1
Cyclohexane	ND		mg/kg	0.022	0.00016	1
1,4-Dioxane	ND		mg/kg	0.11	0.016	1
Freon-113	ND		mg/kg	0.022	0.00030	1
Methyl cyclohexane	ND		mg/kg	0.0043	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	101		70-130

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/25/16 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG926280-5					
Methylene chloride	ND		mg/kg	0.010	0.0011
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Bromoform	ND		mg/kg	0.0040	0.00024
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
Benzene	ND		mg/kg	0.0010	0.00012
Toluene	0.00036	J	mg/kg	0.0015	0.00019
Ethylbenzene	ND		mg/kg	0.0010	0.00013
Chloromethane	0.00082	J	mg/kg	0.0050	0.00029
Bromomethane	0.00079	J	mg/kg	0.0020	0.00034
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Chloroethane	ND		mg/kg	0.0020	0.00032
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/25/16 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG926280-5					
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
Styrene	ND		mg/kg	0.0020	0.00040
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Acetone	0.0028	J	mg/kg	0.010	0.0010
Carbon disulfide	ND		mg/kg	0.010	0.0011
2-Butanone	ND		mg/kg	0.010	0.00027
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
2-Hexanone	ND		mg/kg	0.010	0.00067
Bromochloromethane	ND		mg/kg	0.0050	0.00028
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Methyl Acetate	ND		mg/kg	0.020	0.00027
Cyclohexane	ND		mg/kg	0.020	0.00015
1,4-Dioxane	ND		mg/kg	0.10	0.014
Freon-113	ND		mg/kg	0.020	0.00027
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 08/25/16 09:41
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG926280-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	99		70-130

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/26/16 08:35
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG926425-5					
Methylene chloride	ND		mg/kg	0.50	0.055
1,1-Dichloroethane	ND		mg/kg	0.075	0.0043
Chloroform	ND		mg/kg	0.075	0.018
Carbon tetrachloride	ND		mg/kg	0.050	0.010
1,2-Dichloropropane	ND		mg/kg	0.18	0.011
Dibromochloromethane	ND		mg/kg	0.050	0.0077
1,1,2-Trichloroethane	ND		mg/kg	0.075	0.015
Tetrachloroethene	ND		mg/kg	0.050	0.0070
Chlorobenzene	ND		mg/kg	0.050	0.017
Trichlorofluoromethane	ND		mg/kg	0.25	0.019
1,2-Dichloroethane	ND		mg/kg	0.050	0.0057
1,1,1-Trichloroethane	ND		mg/kg	0.050	0.0055
Bromodichloromethane	ND		mg/kg	0.050	0.0087
trans-1,3-Dichloropropene	ND		mg/kg	0.050	0.0060
cis-1,3-Dichloropropene	ND		mg/kg	0.050	0.0059
Bromoform	ND		mg/kg	0.20	0.012
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.050	0.0050
Benzene	ND		mg/kg	0.050	0.0059
Toluene	ND		mg/kg	0.075	0.0097
Ethylbenzene	ND		mg/kg	0.050	0.0064
Chloromethane	ND		mg/kg	0.25	0.015
Bromomethane	0.038	J	mg/kg	0.10	0.017
Vinyl chloride	ND		mg/kg	0.10	0.0059
Chloroethane	ND		mg/kg	0.10	0.016
1,1-Dichloroethene	ND		mg/kg	0.050	0.013
trans-1,2-Dichloroethene	ND		mg/kg	0.075	0.011
Trichloroethene	ND		mg/kg	0.050	0.0062
1,2-Dichlorobenzene	ND		mg/kg	0.25	0.0077
1,3-Dichlorobenzene	ND		mg/kg	0.25	0.0068

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 08/26/16 08:35
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG926425-5					
1,4-Dichlorobenzene	ND		mg/kg	0.25	0.0069
Methyl tert butyl ether	ND		mg/kg	0.10	0.0042
p/m-Xylene	ND		mg/kg	0.10	0.0099
o-Xylene	ND		mg/kg	0.10	0.0086
cis-1,2-Dichloroethene	ND		mg/kg	0.050	0.0071
Styrene	ND		mg/kg	0.10	0.020
Dichlorodifluoromethane	ND		mg/kg	0.50	0.0095
Acetone	ND		mg/kg	0.50	0.052
Carbon disulfide	ND		mg/kg	0.50	0.055
2-Butanone	ND		mg/kg	0.50	0.014
4-Methyl-2-pentanone	ND		mg/kg	0.50	0.012
2-Hexanone	ND		mg/kg	0.50	0.033
Bromochloromethane	ND		mg/kg	0.25	0.014
1,2-Dibromoethane	ND		mg/kg	0.20	0.0087
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.25	0.020
Isopropylbenzene	ND		mg/kg	0.050	0.0052
1,2,3-Trichlorobenzene	ND		mg/kg	0.25	0.0074
1,2,4-Trichlorobenzene	ND		mg/kg	0.25	0.0091
Methyl Acetate	ND		mg/kg	1.0	0.014
Cyclohexane	ND		mg/kg	1.0	0.0073
1,4-Dioxane	ND		mg/kg	5.0	0.72
Freon-113	ND		mg/kg	1.0	0.014
Methyl cyclohexane	ND		mg/kg	0.20	0.0077

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 08/26/16 08:35
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG926425-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926280-3 WG926280-4								
Methylene chloride	111		116		70-130	4		30
1,1-Dichloroethane	100		106		70-130	6		30
Chloroform	96		100		70-130	4		30
Carbon tetrachloride	82		90		70-130	9		30
1,2-Dichloropropane	102		106		70-130	4		30
Dibromochloromethane	93		96		70-130	3		30
2-Chloroethylvinyl ether	102		103		70-130	1		30
1,1,2-Trichloroethane	105		106		70-130	1		30
Tetrachloroethene	96		103		70-130	7		30
Chlorobenzene	101		103		70-130	2		30
Trichlorofluoromethane	78		88		70-139	12		30
1,2-Dichloroethane	84		88		70-130	5		30
1,1,1-Trichloroethane	85		93		70-130	9		30
Bromodichloromethane	90		94		70-130	4		30
trans-1,3-Dichloropropene	99		102		70-130	3		30
cis-1,3-Dichloropropene	98		102		70-130	4		30
1,1-Dichloropropene	93		102		70-130	9		30
Bromoform	96		97		70-130	1		30
1,1,2,2-Tetrachloroethane	112		113		70-130	1		30
Benzene	98		104		70-130	6		30
Toluene	101		105		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1626169

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926280-3 WG926280-4								
Ethylbenzene	98		103		70-130	5		30
Chloromethane	78		86		52-130	10		30
Bromomethane	88		99		57-147	12		30
Vinyl chloride	80		93		67-130	15		30
Chloroethane	102		114		50-151	11		30
1,1-Dichloroethene	100		110		65-135	10		30
trans-1,2-Dichloroethene	103		112		70-130	8		30
Trichloroethene	94		102		70-130	8		30
1,2-Dichlorobenzene	99		101		70-130	2		30
1,3-Dichlorobenzene	101		103		70-130	2		30
1,4-Dichlorobenzene	100		103		70-130	3		30
Methyl tert butyl ether	107		105		66-130	2		30
p/m-Xylene	99		104		70-130	5		30
o-Xylene	101		105		70-130	4		30
cis-1,2-Dichloroethene	104		110		70-130	6		30
Dibromomethane	95		99		70-130	4		30
Styrene	100		104		70-130	4		30
Dichlorodifluoromethane	71		80		30-146	12		30
Acetone	82		86		54-140	5		30
Carbon disulfide	93		103		59-130	10		30
2-Butanone	89		92		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1626169

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926280-3 WG926280-4								
Vinyl acetate	92		94		70-130	2		30
4-Methyl-2-pentanone	96		96		70-130	0		30
1,2,3-Trichloropropane	105		106		68-130	1		30
2-Hexanone	88		90		70-130	2		30
Bromochloromethane	105		107		70-130	2		30
2,2-Dichloropropane	89		95		70-130	7		30
1,2-Dibromoethane	100		103		70-130	3		30
1,3-Dichloropropane	103		105		69-130	2		30
1,1,1,2-Tetrachloroethane	95		98		70-130	3		30
Bromobenzene	103		106		70-130	3		30
n-Butylbenzene	99		104		70-130	5		30
sec-Butylbenzene	100		106		70-130	6		30
tert-Butylbenzene	100		105		70-130	5		30
o-Chlorotoluene	104		105		70-130	1		30
p-Chlorotoluene	102		106		70-130	4		30
1,2-Dibromo-3-chloropropane	94		93		68-130	1		30
Hexachlorobutadiene	95		103		67-130	8		30
Isopropylbenzene	103		108		70-130	5		30
p-Isopropyltoluene	100		106		70-130	6		30
Naphthalene	100		100		70-130	0		30
Acrylonitrile	97		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1626169

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926280-3 WG926280-4								
Isopropyl Ether	100		102		66-130	2		30
tert-Butyl Alcohol	94		93		70-130	1		30
n-Propylbenzene	102		107		70-130	5		30
1,2,3-Trichlorobenzene	100		100		70-130	0		30
1,2,4-Trichlorobenzene	101		102		70-130	1		30
1,3,5-Trimethylbenzene	101		107		70-130	6		30
1,2,4-Trimethylbenzene	101		106		70-130	5		30
Methyl Acetate	98		100		51-146	2		30
Ethyl Acetate	95		109		70-130	14		30
Acrolein	103		103		70-130	0		30
Cyclohexane	92		102		59-142	10		30
1,4-Dioxane	89		90		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	90		102		50-139	13		30
p-Diethylbenzene	101		106		70-130	5		30
p-Ethyltoluene	101		107		70-130	6		30
1,2,4,5-Tetramethylbenzene	102		103		70-130	1		30
Tetrahydrofuran	94		97		66-130	3		30
Ethyl ether	110		113		67-130	3		30
trans-1,4-Dichloro-2-butene	88		88		70-130	0		30
Methyl cyclohexane	95		106		70-130	11		30
Ethyl-Tert-Butyl-Ether	100		102		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926280-3 WG926280-4								
Tertiary-Amyl Methyl Ether	101		103		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		84		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	105		107		70-130
Dibromofluoromethane	96		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG926425-3 WG926425-4								
Methylene chloride	107		108		70-130	1		30
1,1-Dichloroethane	108		103		70-130	5		30
Chloroform	107		104		70-130	3		30
Carbon tetrachloride	107		99		70-130	8		30
1,2-Dichloropropane	108		106		70-130	2		30
Dibromochloromethane	101		104		70-130	3		30
2-Chloroethylvinyl ether	106		106		70-130	0		30
1,1,2-Trichloroethane	106		108		70-130	2		30
Tetrachloroethene	112		103		70-130	8		30
Chlorobenzene	107		104		70-130	3		30
Trichlorofluoromethane	107		96		70-139	11		30
1,2-Dichloroethane	98		101		70-130	3		30
1,1,1-Trichloroethane	107		100		70-130	7		30
Bromodichloromethane	102		102		70-130	0		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	105		104		70-130	1		30
1,1-Dichloropropene	111		101		70-130	9		30
Bromoform	100		103		70-130	3		30
1,1,2,2-Tetrachloroethane	111		114		70-130	3		30
Benzene	106		101		70-130	5		30
Toluene	108		103		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG926425-3 WG926425-4								
Ethylbenzene	108		104		70-130	4		30
Chloromethane	100		94		52-130	6		30
Bromomethane	95		100		57-147	5		30
Vinyl chloride	101		91		67-130	10		30
Chloroethane	119		110		50-151	8		30
1,1-Dichloroethene	108		100		65-135	8		30
trans-1,2-Dichloroethene	108		103		70-130	5		30
Trichloroethene	108		103		70-130	5		30
1,2-Dichlorobenzene	103		102		70-130	1		30
1,3-Dichlorobenzene	105		105		70-130	0		30
1,4-Dichlorobenzene	105		105		70-130	0		30
Methyl tert butyl ether	104		105		66-130	1		30
p/m-Xylene	109		105		70-130	4		30
o-Xylene	107		106		70-130	1		30
cis-1,2-Dichloroethene	109		106		70-130	3		30
Dibromomethane	103		106		70-130	3		30
Styrene	106		106		70-130	0		30
Dichlorodifluoromethane	97		84		30-146	14		30
Acetone	110		102		54-140	8		30
Carbon disulfide	100		92		59-130	8		30
2-Butanone	105		106		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG926425-3 WG926425-4								
Vinyl acetate	101		102		70-130	1		30
4-Methyl-2-pentanone	99		103		70-130	4		30
1,2,3-Trichloropropane	104		109		68-130	5		30
2-Hexanone	98		100		70-130	2		30
Bromochloromethane	110		108		70-130	2		30
2,2-Dichloropropane	110		101		70-130	9		30
1,2-Dibromoethane	103		107		70-130	4		30
1,3-Dichloropropane	105		108		69-130	3		30
1,1,1,2-Tetrachloroethane	104		102		70-130	2		30
Bromobenzene	105		105		70-130	0		30
n-Butylbenzene	111		103		70-130	7		30
sec-Butylbenzene	111		104		70-130	7		30
tert-Butylbenzene	109		103		70-130	6		30
o-Chlorotoluene	108		104		70-130	4		30
p-Chlorotoluene	107		105		70-130	2		30
1,2-Dibromo-3-chloropropane	95		104		68-130	9		30
Hexachlorobutadiene	108		104		67-130	4		30
Isopropylbenzene	112		106		70-130	6		30
p-Isopropyltoluene	110		105		70-130	5		30
Naphthalene	99		102		70-130	3		30
Acrylonitrile	100		103		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG926425-3 WG926425-4								
Isopropyl Ether	103		100		66-130	3		30
tert-Butyl Alcohol	97		102		70-130	5		30
n-Propylbenzene	111		104		70-130	7		30
1,2,3-Trichlorobenzene	104		103		70-130	1		30
1,2,4-Trichlorobenzene	106		106		70-130	0		30
1,3,5-Trimethylbenzene	109		105		70-130	4		30
1,2,4-Trimethylbenzene	108		105		70-130	3		30
Methyl Acetate	104		106		51-146	2		30
Ethyl Acetate	86		88		70-130	2		30
Acrolein	106		106		70-130	0		30
Cyclohexane	111		97		59-142	13		30
1,4-Dioxane	92		96		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	108		95		50-139	13		30
p-Diethylbenzene	110		105		70-130	5		30
p-Ethyltoluene	110		105		70-130	5		30
1,2,4,5-Tetramethylbenzene	107		104		70-130	3		30
Tetrahydrofuran	106		99		66-130	7		30
Ethyl ether	107		104		67-130	3		30
trans-1,4-Dichloro-2-butene	100		101		70-130	1		30
Methyl cyclohexane	113		98		70-130	14		30
Ethyl-Tert-Butyl-Ether	105		104		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG926425-3 WG926425-4								
Tertiary-Amyl Methyl Ether	105		106		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1626169**Project Number:** 15209**Report Date:** 08/26/16**SAMPLE RESULTS**

Lab ID: L1626169-03
Client ID: 24
Sample Location: SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/26/16 05:17
Analyst: AS
Percent Solids: 89%

Date Collected: 08/19/16 14:00
Date Received: 08/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 08/23/16 10:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.061	J	mg/kg	0.15	0.019	1
Hexachlorobenzene	ND		mg/kg	0.11	0.021	1
Bis(2-chloroethyl)ether	ND		mg/kg	0.17	0.025	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.018	1
3,3'-Dichlorobenzidine	ND		mg/kg	0.18	0.049	1
2,4-Dinitrotoluene	ND		mg/kg	0.18	0.037	1
2,6-Dinitrotoluene	ND		mg/kg	0.18	0.032	1
Fluoranthene	4.7		mg/kg	0.11	0.021	1
4-Chlorophenyl phenyl ether	ND		mg/kg	0.18	0.020	1
4-Bromophenyl phenyl ether	ND		mg/kg	0.18	0.028	1
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.22	0.032	1
Bis(2-chloroethoxy)methane	ND		mg/kg	0.20	0.018	1
Hexachlorobutadiene	ND		mg/kg	0.18	0.027	1
Hexachlorocyclopentadiene	ND		mg/kg	0.53	0.17	1
Hexachloroethane	ND		mg/kg	0.15	0.030	1
Isophorone	ND		mg/kg	0.17	0.024	1
Naphthalene	0.11	J	mg/kg	0.18	0.022	1
Nitrobenzene	ND		mg/kg	0.17	0.027	1
NDPA/DPA	ND		mg/kg	0.15	0.021	1
n-Nitrosodi-n-propylamine	ND		mg/kg	0.18	0.028	1
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.18	0.064	1
Butyl benzyl phthalate	ND		mg/kg	0.18	0.046	1
Di-n-butylphthalate	ND		mg/kg	0.18	0.035	1
Di-n-octylphthalate	ND		mg/kg	0.18	0.063	1
Diethyl phthalate	ND		mg/kg	0.18	0.017	1
Dimethyl phthalate	ND		mg/kg	0.18	0.039	1
Benzo(a)anthracene	2.6		mg/kg	0.11	0.021	1
Benzo(a)pyrene	2.7		mg/kg	0.15	0.045	1
Benzo(b)fluoranthene	3.5		mg/kg	0.11	0.031	1
Benzo(k)fluoranthene	1.2		mg/kg	0.11	0.030	1

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

SAMPLE RESULTS

Lab ID: L1626169-03
 Client ID: 24
 Sample Location: SYRACUSE, NY

Date Collected: 08/19/16 14:00
 Date Received: 08/19/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	2.4		mg/kg	0.11	0.019	1
Acenaphthylene	0.21		mg/kg	0.15	0.028	1
Anthracene	0.52		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	1.5		mg/kg	0.15	0.022	1
Fluorene	0.13	J	mg/kg	0.18	0.018	1
Phenanthrene	1.8		mg/kg	0.11	0.022	1
Dibenzo(a,h)anthracene	0.40		mg/kg	0.11	0.021	1
Indeno(1,2,3-cd)pyrene	1.7		mg/kg	0.15	0.026	1
Pyrene	3.9		mg/kg	0.11	0.018	1
Biphenyl	ND		mg/kg	0.42	0.043	1
4-Chloroaniline	ND		mg/kg	0.18	0.034	1
2-Nitroaniline	ND		mg/kg	0.18	0.036	1
3-Nitroaniline	ND		mg/kg	0.18	0.035	1
4-Nitroaniline	ND		mg/kg	0.18	0.076	1
Dibenzofuran	0.069	J	mg/kg	0.18	0.017	1
2-Methylnaphthalene	0.059	J	mg/kg	0.22	0.022	1
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.18	0.019	1
Acetophenone	ND		mg/kg	0.18	0.023	1
2,4,6-Trichlorophenol	ND		mg/kg	0.11	0.035	1
p-Chloro-m-cresol	ND		mg/kg	0.18	0.027	1
2-Chlorophenol	ND		mg/kg	0.18	0.022	1
2,4-Dichlorophenol	ND		mg/kg	0.17	0.030	1
2,4-Dimethylphenol	ND		mg/kg	0.18	0.061	1
2-Nitrophenol	ND		mg/kg	0.40	0.069	1
4-Nitrophenol	ND		mg/kg	0.26	0.075	1
2,4-Dinitrophenol	ND		mg/kg	0.88	0.086	1
4,6-Dinitro-o-cresol	ND		mg/kg	0.48	0.088	1
Pentachlorophenol	ND		mg/kg	0.15	0.040	1
Phenol	ND		mg/kg	0.18	0.028	1
2-Methylphenol	ND		mg/kg	0.18	0.028	1
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.26	0.029	1
2,4,5-Trichlorophenol	ND		mg/kg	0.18	0.035	1
Carbazole	0.12	J	mg/kg	0.18	0.018	1
Atrazine	ND		mg/kg	0.15	0.064	1
Benzaldehyde	ND		mg/kg	0.24	0.050	1
Caprolactam	ND		mg/kg	0.18	0.056	1
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.18	0.037	1

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1626169**Project Number:** 15209**Report Date:** 08/26/16**SAMPLE RESULTS**

Lab ID: L1626169-03

Date Collected: 08/19/16 14:00

Client ID: 24

Date Received: 08/19/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	59		18-120

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/26/16 00:13
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 08/23/16 10:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG926337-1					
Acenaphthene	ND		mg/kg	0.13	0.017
Hexachlorobenzene	ND		mg/kg	0.098	0.018
Bis(2-chloroethyl)ether	ND		mg/kg	0.15	0.022
2-Chloronaphthalene	ND		mg/kg	0.16	0.016
3,3'-Dichlorobenzidine	ND		mg/kg	0.16	0.044
2,4-Dinitrotoluene	ND		mg/kg	0.16	0.033
2,6-Dinitrotoluene	ND		mg/kg	0.16	0.028
Fluoranthene	ND		mg/kg	0.098	0.019
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.018
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.025
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.20	0.028
Bis(2-chloroethoxy)methane	ND		mg/kg	0.18	0.016
Hexachlorobutadiene	ND		mg/kg	0.16	0.024
Hexachlorocyclopentadiene	ND		mg/kg	0.47	0.15
Hexachloroethane	ND		mg/kg	0.13	0.026
Isophorone	ND		mg/kg	0.15	0.021
Naphthalene	ND		mg/kg	0.16	0.020
Nitrobenzene	ND		mg/kg	0.15	0.024
NDPA/DPA	ND		mg/kg	0.13	0.019
n-Nitrosodi-n-propylamine	ND		mg/kg	0.16	0.025
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.16	0.057
Butyl benzyl phthalate	ND		mg/kg	0.16	0.041
Di-n-butylphthalate	ND		mg/kg	0.16	0.031
Di-n-octylphthalate	ND		mg/kg	0.16	0.056
Diethyl phthalate	ND		mg/kg	0.16	0.015
Dimethyl phthalate	ND		mg/kg	0.16	0.034
Benzo(a)anthracene	ND		mg/kg	0.098	0.018
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.028

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/26/16 00:13
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 08/23/16 10:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG926337-1					
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.026
Chrysene	ND		mg/kg	0.098	0.017
Acenaphthylene	ND		mg/kg	0.13	0.025
Anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.098	0.020
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.019
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.13	0.023
Pyrene	ND		mg/kg	0.098	0.016
Biphenyl	ND		mg/kg	0.37	0.038
4-Chloroaniline	ND		mg/kg	0.16	0.030
2-Nitroaniline	ND		mg/kg	0.16	0.032
3-Nitroaniline	ND		mg/kg	0.16	0.031
4-Nitroaniline	ND		mg/kg	0.16	0.068
Dibenzofuran	ND		mg/kg	0.16	0.015
2-Methylnaphthalene	ND		mg/kg	0.20	0.020
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.017
Acetophenone	ND		mg/kg	0.16	0.020
2,4,6-Trichlorophenol	ND		mg/kg	0.098	0.031
p-Chloro-m-cresol	ND		mg/kg	0.16	0.024
2-Chlorophenol	ND		mg/kg	0.16	0.019
2,4-Dichlorophenol	ND		mg/kg	0.15	0.026
2,4-Dimethylphenol	ND		mg/kg	0.16	0.054
2-Nitrophenol	ND		mg/kg	0.35	0.062
4-Nitrophenol	ND		mg/kg	0.23	0.067
2,4-Dinitrophenol	ND		mg/kg	0.78	0.076
4,6-Dinitro-o-cresol	ND		mg/kg	0.42	0.078
Pentachlorophenol	ND		mg/kg	0.13	0.036

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 08/26/16 00:13
 Analyst: AS

Extraction Method: EPA 3546
 Extraction Date: 08/23/16 10:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG926337-1					
Phenol	ND		mg/kg	0.16	0.025
2-Methylphenol	ND		mg/kg	0.16	0.025
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.24	0.026
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.031
Carbazole	ND		mg/kg	0.16	0.016
Atrazine	ND		mg/kg	0.13	0.057
Benzaldehyde	ND		mg/kg	0.22	0.044
Caprolactam	ND		mg/kg	0.16	0.050
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926337-2 WG926337-3								
Acenaphthene	63		71		31-137	12		50
Benidine	39		30		10-66	26		50
1,2,4-Trichlorobenzene	60		74		38-107	21		50
Hexachlorobenzene	71		76		40-140	7		50
Bis(2-chloroethyl)ether	58		72		40-140	22		50
2-Chloronaphthalene	65		74		40-140	13		50
1,2-Dichlorobenzene	55		68		40-140	21		50
1,3-Dichlorobenzene	53		66		40-140	22		50
1,4-Dichlorobenzene	54		66		28-104	20		50
3,3'-Dichlorobenzidine	63		64		40-140	2		50
2,4-Dinitrotoluene	83		92	Q	28-89	10		50
2,6-Dinitrotoluene	87		96		40-140	10		50
Azobenzene	67		71		40-140	6		50
Fluoranthene	70		74		40-140	6		50
4-Chlorophenyl phenyl ether	66		73		40-140	10		50
4-Bromophenyl phenyl ether	71		76		40-140	7		50
Bis(2-chloroisopropyl)ether	56		68		40-140	19		50
Bis(2-chloroethoxy)methane	62		77		40-117	22		50
Hexachlorobutadiene	60		72		40-140	18		50
Hexachlorocyclopentadiene	80		91		40-140	13		50
Hexachloroethane	58		73		40-140	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926337-2 WG926337-3								
Isophorone	62		74		40-140	18		50
Naphthalene	58		69		40-140	17		50
Nitrobenzene	69		86		40-140	22		50
NitrosoDiPhenylAmine(NDPA)/DPA	69		75		36-157	8		50
n-Nitrosodi-n-propylamine	60		76		32-121	24		50
Bis(2-Ethylhexyl)phthalate	81		88		40-140	8		50
Butyl benzyl phthalate	80		85		40-140	6		50
Di-n-butylphthalate	74		79		40-140	7		50
Di-n-octylphthalate	81		86		40-140	6		50
Diethyl phthalate	71		76		40-140	7		50
Dimethyl phthalate	73		79		40-140	8		50
Benzo(a)anthracene	71		76		40-140	7		50
Benzo(a)pyrene	74		76		40-140	3		50
Benzo(b)fluoranthene	73		77		40-140	5		50
Benzo(k)fluoranthene	71		75		40-140	5		50
Chrysene	71		75		40-140	5		50
Acenaphthylene	67		74		40-140	10		50
Anthracene	70		76		40-140	8		50
Benzo(ghi)perylene	69		73		40-140	6		50
Fluorene	65		72		40-140	10		50
Phenanthrene	67		71		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926337-2 WG926337-3								
Dibenzo(a,h)anthracene	71		74		40-140	4		50
Indeno(1,2,3-cd)Pyrene	69		73		40-140	6		50
Pyrene	68		72		35-142	6		50
Biphenyl	65		74		54-104	13		50
Aniline	45		52		40-140	14		50
4-Chloroaniline	59		63		40-140	7		50
1-Methylnaphthalene	59		70		26-130	17		50
2-Nitroaniline	83		91		47-134	9		50
3-Nitroaniline	72		74		26-129	3		50
4-Nitroaniline	71		76		41-125	7		50
Dibenzofuran	65		71		40-140	9		50
2-Methylnaphthalene	61		72		40-140	17		50
1,2,4,5-Tetrachlorobenzene	60		70		40-117	15		50
Acetophenone	61		76		14-144	22		50
n-Nitrosodimethylamine	54		68		22-100	23		50
2,4,6-Trichlorophenol	73		81		30-130	10		50
P-Chloro-M-Cresol	74		82		26-103	10		50
2-Chlorophenol	63		77		25-102	20		50
2,4-Dichlorophenol	71		84		30-130	17		50
2,4-Dimethylphenol	74		89		30-130	18		50
2-Nitrophenol	86		105		30-130	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1626169

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926337-2 WG926337-3								
4-Nitrophenol	70		78		11-114	11		50
2,4-Dinitrophenol	89		100		4-130	12		50
4,6-Dinitro-o-cresol	94		100		10-130	6		50
Pentachlorophenol	65		68		17-109	5		50
Phenol	58		72		26-90	22		50
2-Methylphenol	60		74		30-130.	21		50
3-Methylphenol/4-Methylphenol	59		73		30-130	21		50
2,4,5-Trichlorophenol	79		88		30-130	11		50
Benzoic Acid	60		72		10-110	18		50
Benzyl Alcohol	58		73		40-140	23		50
Carbazole	68		72		54-128	6		50
Pyridine	40		54		10-93	30		50
Parathion, ethyl	128		136		40-140	6		50
Atrazine	90		96		40-140	6		50
Benzaldehyde	33	Q	40		40-140	19		50
Caprolactam	75		80		15-130	6		50
2,3,4,6-Tetrachlorophenol	77		84		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG926337-2 WG926337-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		75		25-120
Phenol-d6	66		83		10-120
Nitrobenzene-d5	77		97		23-120
2-Fluorobiphenyl	69		79		30-120
2,4,6-Tribromophenol	89		94		10-136
4-Terphenyl-d14	76		79		18-120

METALS

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

SAMPLE RESULTS

Lab ID: L1626169-03
 Client ID: 24
 Sample Location: SYRACUSE, NY
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 08/19/16 14:00
 Date Received: 08/19/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4600		mg/kg	8.6	1.7	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Antimony, Total	1.0	J	mg/kg	4.3	0.69	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Arsenic, Total	6.3		mg/kg	0.86	0.28	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Barium, Total	67		mg/kg	0.86	0.23	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Beryllium, Total	0.25	J	mg/kg	0.43	0.10	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Cadmium, Total	0.68	J	mg/kg	0.86	0.06	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Calcium, Total	95000		mg/kg	43	12.	10	08/25/16 05:50	08/25/16 23:29	EPA 3050B	1,6010C	PS
Chromium, Total	6.7		mg/kg	0.86	0.15	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Cobalt, Total	3.2		mg/kg	1.7	0.42	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Copper, Total	54		mg/kg	0.86	0.16	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Iron, Total	9800		mg/kg	4.3	1.4	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Lead, Total	46		mg/kg	4.3	0.19	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Magnesium, Total	14000		mg/kg	8.6	1.1	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Manganese, Total	260		mg/kg	0.86	0.21	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Mercury, Total	0.22		mg/kg	0.08	0.02	1	08/23/16 10:45	08/24/16 12:04	EPA 7471B	1,7471B	BV
Nickel, Total	8.9		mg/kg	2.2	0.34	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Potassium, Total	330		mg/kg	220	24.	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.23	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.86	0.17	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Sodium, Total	140	J	mg/kg	170	14.	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.28	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Vanadium, Total	9.5		mg/kg	0.86	0.08	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS
Zinc, Total	300		mg/kg	4.3	0.60	2	08/25/16 05:50	08/25/16 18:46	EPA 3050B	1,6010C	PS



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG924980-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	08/23/16 10:45	08/24/16 11:18	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG925761-1									
Aluminum, Total	ND	mg/kg	4.0	0.79	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Antimony, Total	ND	mg/kg	2.0	0.32	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Arsenic, Total	0.18 J	mg/kg	0.40	0.13	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Barium, Total	ND	mg/kg	0.40	0.11	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Beryllium, Total	ND	mg/kg	0.20	0.04	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Cadmium, Total	ND	mg/kg	0.40	0.03	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Calcium, Total	ND	mg/kg	4.0	1.1	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Chromium, Total	ND	mg/kg	0.40	0.07	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Cobalt, Total	ND	mg/kg	0.80	0.20	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Copper, Total	ND	mg/kg	0.40	0.07	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Iron, Total	ND	mg/kg	2.0	0.63	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Lead, Total	ND	mg/kg	2.0	0.09	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Magnesium, Total	ND	mg/kg	4.0	0.53	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Manganese, Total	ND	mg/kg	0.40	0.10	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Nickel, Total	ND	mg/kg	1.0	0.16	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Potassium, Total	ND	mg/kg	100	11.	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Selenium, Total	ND	mg/kg	0.80	0.11	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Silver, Total	ND	mg/kg	0.40	0.08	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Sodium, Total	ND	mg/kg	80	6.7	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Thallium, Total	ND	mg/kg	0.80	0.13	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Vanadium, Total	ND	mg/kg	0.40	0.04	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS
Zinc, Total	ND	mg/kg	2.0	0.28	1	08/25/16 05:50	08/25/16 16:34	1,6010C	PS

Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG924980-2 SRM Lot Number: D089-540								
Mercury, Total	101		-		57-143	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG925761-2 SRM Lot Number: D089-540					
Aluminum, Total	76	-	52-147	-	
Antimony, Total	171	-	1-197	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	103	-	83-117	-	
Beryllium, Total	107	-	82-117	-	
Cadmium, Total	103	-	82-117	-	
Calcium, Total	99	-	81-119	-	
Chromium, Total	102	-	79-121	-	
Cobalt, Total	96	-	83-117	-	
Copper, Total	104	-	80-119	-	
Iron, Total	110	-	45-155	-	
Lead, Total	105	-	81-119	-	
Magnesium, Total	91	-	76-123	-	
Manganese, Total	102	-	81-119	-	
Nickel, Total	101	-	82-117	-	
Potassium, Total	92	-	71-128	-	
Selenium, Total	99	-	78-121	-	
Silver, Total	106	-	75-125	-	
Sodium, Total	96	-	71-128	-	
Thallium, Total	99	-	79-120	-	
Vanadium, Total	100	-	77-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG925761-2 SRM Lot Number: D089-540					
Zinc, Total	100	-	80-119	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG924980-4 QC Sample: L1626071-01 Client ID: MS Sample												
Mercury, Total	0.55	0.141	0.84	205	Q	-	-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG925761-4 QC Sample: L1626098-01 Client ID: MS Sample									
Aluminum, Total	5600	170	6100	294	Q	-	75-125	-	20
Antimony, Total	3.5J	42.5	44	103		-	75-125	-	20
Arsenic, Total	4.1	10.2	15	107		-	75-125	-	20
Barium, Total	73.	170	240	98		-	75-125	-	20
Beryllium, Total	0.20J	4.25	4.5	106		-	75-125	-	20
Cadmium, Total	0.85J	4.34	5.4	124		-	75-125	-	20
Calcium, Total	17000	850	20000	353	Q	-	75-125	-	20
Chromium, Total	18.	17	32	82		-	75-125	-	20
Cobalt, Total	5.3	42.5	44	91		-	75-125	-	20
Copper, Total	47.	21.3	72	118		-	75-125	-	20
Iron, Total	16000	85	15000	0	Q	-	75-125	-	20
Lead, Total	130	43.4	170	92		-	75-125	-	20
Magnesium, Total	4000	850	4800	94		-	75-125	-	20
Manganese, Total	210	42.5	270	141	Q	-	75-125	-	20
Nickel, Total	13.	42.5	53	94		-	75-125	-	20
Potassium, Total	510	850	1400	105		-	75-125	-	20
Selenium, Total	ND	10.2	9.8	96		-	75-125	-	20
Silver, Total	ND	25.5	28	110		-	75-125	-	20
Sodium, Total	270	850	1200	109		-	75-125	-	20
Thallium, Total	ND	10.2	8.6	84		-	75-125	-	20
Vanadium, Total	27.	42.5	72	106		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG925761-4 QC Sample: L1626098-01 Client ID: MS Sample										
Zinc, Total	390	42.5	420	70	Q	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1626169

Report Date: 08/26/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG924980-3 QC Sample: L1626071-01 Client ID: DUP Sample						
Mercury, Total	0.55	0.60	mg/kg	9		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1626169

Report Date: 08/26/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG925761-3 QC Sample: L1626098-01 Client ID: DUP Sample					
Aluminum, Total	5600	4400	mg/kg	24	Q 20
Antimony, Total	3.5J	3.1J	mg/kg	NC	20
Arsenic, Total	4.1	3.1	mg/kg	28	Q 20
Barium, Total	73.	57	mg/kg	25	Q 20
Beryllium, Total	0.20J	0.16J	mg/kg	NC	20
Cadmium, Total	0.85J	0.62J	mg/kg	NC	20
Calcium, Total	17000	12000	mg/kg	34	Q 20
Chromium, Total	18.	14	mg/kg	25	Q 20
Cobalt, Total	5.3	5.8	mg/kg	9	20
Copper, Total	47.	38	mg/kg	21	Q 20
Iron, Total	16000	12000	mg/kg	29	Q 20
Lead, Total	130	100	mg/kg	26	Q 20
Magnesium, Total	4000	3300	mg/kg	19	20
Manganese, Total	210	250	mg/kg	17	20
Nickel, Total	13.	13	mg/kg	0	20
Potassium, Total	510	390	mg/kg	27	Q 20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	270	220	mg/kg	20	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1626169

Report Date: 08/26/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG925761-3 QC Sample: L1626098-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	27.	22	mg/kg	20	20
Zinc, Total	390	300	mg/kg	26 Q	20

INORGANICS & MISCELLANEOUS

Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1626169**Project Number:** 15209**Report Date:** 08/26/16**SAMPLE RESULTS**

Lab ID: L1626169-01

Date Collected: 08/19/16 13:45

Client ID: 23

Date Received: 08/19/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.4		%	0.100	NA	1	-	08/22/16 12:42	121,2540G	RI



Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1626169**Project Number:** 15209**Report Date:** 08/26/16**SAMPLE RESULTS**

Lab ID: L1626169-02

Date Collected: 08/19/16 09:30

Client ID: 21

Date Received: 08/19/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	08/22/16 12:42	121,2540G	RI



Project Name: DESTINY-EMBASSY SUITES**Lab Number:** L1626169**Project Number:** 15209**Report Date:** 08/26/16**SAMPLE RESULTS**

Lab ID: L1626169-03

Date Collected: 08/19/16 14:00

Client ID: 24

Date Received: 08/19/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	08/22/16 12:42	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY-EMBASSY SUITES

Project Number: 15209

Lab Number: L1626169

Report Date: 08/26/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG924789-1 QC Sample: L1626163-01 Client ID: DUP Sample						
Solids, Total	90.8	88.0	%	3		20

Project Name: DESTINY-EMBASSY SUITES

Lab Number: L1626169

Project Number: 15209

Report Date: 08/26/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 08/20/2016 02:18

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1626169-01A	Vial MeOH preserved	A	N/A	5.5	Y	Absent	NYTCL-8260HLW(14)
L1626169-01B	Vial water preserved	A	N/A	5.5	Y	Absent	NYTCL-8260HLW(14)
L1626169-01C	Vial water preserved	A	N/A	5.5	Y	Absent	NYTCL-8260HLW(14)
L1626169-01D	Plastic 2oz unpreserved for TS	A	N/A	5.5	Y	Absent	TS(7)
L1626169-02A	Vial MeOH preserved	A	N/A	5.5	Y	Absent	NYTCL-8260HLW(14)
L1626169-02B	Vial water preserved	A	N/A	5.5	Y	Absent	NYTCL-8260HLW(14)
L1626169-02C	Vial water preserved	A	N/A	5.5	Y	Absent	NYTCL-8260HLW(14)
L1626169-02D	Plastic 2oz unpreserved for TS	A	N/A	5.5	Y	Absent	TS(7)
L1626169-03A	Glass 120ml/4oz unpreserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1626169-03A9	Vial MeOH preserved split	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1626169-03B	Metals Only - Glass 60mL/2oz unp	A	N/A	5.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1626169-03C	Glass 120ml/4oz unpreserved	A	N/A	5.5	Y	Absent	NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY-EMBASSY SUITES
Project Number: 15209

Lab Number: L1626169
Report Date: 08/26/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page
2 of 2

Date Rec'd in Lab
8/20/16

ALPHA Job #
L1626169

Project Information
Project Name: *Destry-Embassy Suits*
Project Location: *Syracuse NY*
Project # *10209*

Deliverables
 ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other

Billing Information
 Same as Client Info
PO #

Client Information
Client: *Spectra Environmental*
Address: *14 Bolton Street Blvd*
Lebanon NY 12160
Phone: *518 782-0882*
Fax:
Email: *F.peduto@spectraenv.com*

Regulatory Requirement
 NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ NY
 Other:

Turn-Around Time
Standard Due Date:
Rush (only if pre approved) # of Days:

These samples have been previously analyzed by Alpha
Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS

<i>MTH 09E8</i>	<i>MTH 09E8</i>	<i>TS</i>	<i>0208 TLMN</i>	<i>2009 NCC</i>	<i>Total Metals</i>
-----------------	-----------------	-----------	------------------	-----------------	---------------------

Sample Filtration
 Done
 Lab to do
Preservation
 Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
<i>26169-01</i>	<i>23</i>	<i>8/19/16</i>	<i>13:45</i>	<i>Soil</i>	<i>KO</i>
<i>-02</i>	<i>21</i>	<i>↓</i>	<i>09:30</i>	<i>Soil</i>	<i>KO</i>
<i>-03</i>	<i>24</i>	<i>↓</i>	<i>14:00</i>	<i>Soil</i>	<i>KO</i>

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: *VVP*
Preservative: *OFA*

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By: <i>Frank Peduto</i>	Date/Time: <i>8/19/16 7:15 pm</i>	Received By: <i>R. Foranell</i>	Date/Time: <i>08/19/16</i>
<i>R. Foranell</i>		<i>Mr. Phillip</i>	<i>8/20/16 also</i>



ANALYTICAL REPORT

Lab Number:	L1639044
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Joe Krikorian
Phone:	(518) 782-0882
Project Name:	DESTINY
Project Number:	15209
Report Date:	12/07/16

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1639044-01	MW42R	WATER	SYRACUSE, NY	12/01/16 13:30	12/01/16

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1639044-01 and the associated method blank were evaluated for the presence of the following project specific TIC(s) and were determined to be non-detect: ethanol.

Semivolatile Organics

The WG957057-2/-3 LCS/LCSD recoveries, associated with L1639044-01, are below the acceptance criteria for benzidine (0%/0%) and pyridine (LCS at 5%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 12/07/16

ORGANICS

VOLATILES

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1639044-01
 Client ID: MW42R
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/05/16 13:17
 Analyst: PD

Date Collected: 12/01/16 13:30
 Date Received: 12/01/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.26	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	3.3		ug/l	0.50	0.16	1
Toluene	0.79	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1639044-01
 Client ID: MW42R
 Sample Location: SYRACUSE, NY

Date Collected: 12/01/16 13:30
 Date Received: 12/01/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	1.0	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	3.1	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	0.74	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1639044-01
 Client ID: MW42R
 Sample Location: SYRACUSE, NY

Date Collected: 12/01/16 13:30
 Date Received: 12/01/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/05/16 12:45
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG958359-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/05/16 12:45
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG958359-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/05/16 12:45
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG958359-5					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1639044

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG958359-3 WG958359-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
2-Chloroethylvinyl ether	50	Q	72		70-130	36	Q	20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	100		98		62-150	2		20
1,2-Dichloroethane	96		96		70-130	0		20
1,1,1-Trichloroethane	98		95		67-130	3		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	120		120		54-136	0		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG958359-3 WG958359-4								
Ethylbenzene	110		110		70-130	0		20
Chloromethane	81		74		64-130	9		20
Bromomethane	130		120		39-139	8		20
Vinyl chloride	87		85		55-140	2		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	120		120		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		120		70-130	9		20
Methyl tert butyl ether	86		90		63-130	5		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	110		100		70-130	10		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	100		100		70-130	0		20
Isopropyl Ether	100		100		70-130	0		20
tert-Butyl Alcohol	102		110		70-130	8		20
Styrene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1639044

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG958359-3 WG958359-4								
Dichlorodifluoromethane	39		38		36-147	3		20
Acetone	99		100		58-148	1		20
Carbon disulfide	88		86		51-130	2		20
2-Butanone	99		100		63-138	1		20
Vinyl acetate	92		92		70-130	0		20
4-Methyl-2-pentanone	92		95		59-130	3		20
2-Hexanone	90		89		57-130	1		20
Acrolein	98		100		40-160	2		20
Bromochloromethane	120		120		70-130	0		20
2,2-Dichloropropane	94		91		63-133	3		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	110		120		70-130	9		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	97		98		41-144	1		20
Hexachlorobutadiene	110		110		63-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1639044

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG958359-3 WG958359-4								
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	99		100		70-130	1		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
Methyl Acetate	110		120		70-130	9		20
Ethyl Acetate	99		100		70-130	1		20
Cyclohexane	100		100		70-130	0		20
Ethyl-Tert-Butyl-Ether	89		90		70-130	1		20
Tertiary-Amyl Methyl Ether	86		88		66-130	2		20
1,4-Dioxane	110		116		56-162	5		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		110		70-130	0		20
p-Diethylbenzene	110		110		70-130	0		20
p-Ethyltoluene	120		110		70-130	9		20
1,2,4,5-Tetramethylbenzene	120		120		70-130	0		20
Tetrahydrofuran	93		93		58-130	0		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1639044

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG958359-3 WG958359-4								
Iodomethane	82		100		70-130	20		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		90		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	101		98		70-130

SEMIVOLATILES

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1639044-01
 Client ID: MW42R
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 12/07/16 10:59
 Analyst: PS

Date Collected: 12/01/16 13:30
 Date Received: 12/01/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 12/02/16 07:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.59	1
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Hexachlorobenzene	ND		ug/l	2.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
2-Chloronaphthalene	ND		ug/l	2.0	0.64	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
Azobenzene	ND		ug/l	2.0	0.75	1
Fluoranthene	ND		ug/l	2.0	0.57	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorobutadiene	ND		ug/l	2.0	0.72	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Hexachloroethane	ND		ug/l	2.0	0.68	1
Isophorone	ND		ug/l	5.0	0.60	1
Naphthalene	ND		ug/l	2.0	0.68	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	0.98	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1639044-01

Date Collected: 12/01/16 13:30

Client ID: MW42R

Date Received: 12/01/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Benzo(a)anthracene	ND		ug/l	2.0	0.61	1
Benzo(a)pyrene	ND		ug/l	2.0	0.54	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60	1
Chrysene	ND		ug/l	2.0	0.54	1
Acenaphthylene	ND		ug/l	2.0	0.66	1
Anthracene	ND		ug/l	2.0	0.64	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.61	1
Fluorene	ND		ug/l	2.0	0.62	1
Phenanthrene	ND		ug/l	2.0	0.61	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71	1
Pyrene	ND		ug/l	2.0	0.57	1
Aniline	ND		ug/l	2.0	0.65	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
2-Methylnaphthalene	ND		ug/l	2.0	0.72	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.67	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1
Pyridine	ND		ug/l	3.5	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	54		41-149

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/02/16 19:10
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 12/01/16 08:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG957057-1					
Acenaphthene	ND		ug/l	2.0	0.59
Benzidine	ND		ug/l	20	8.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Azobenzene	ND		ug/l	2.0	0.75
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/02/16 19:10
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 12/01/16 08:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG957057-1					
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Aniline	ND		ug/l	2.0	0.65
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
n-Nitrosodimethylamine	ND		ug/l	2.0	0.67
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Pyridine	ND		ug/l	3.5	1.9

Project Name: DESTINY

Lab Number: L1639044

Project Number: 15209

Report Date: 12/07/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 12/02/16 19:10
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 12/01/16 08:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG957057-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	67		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG957057-2 WG957057-3								
Acenaphthene	66		65		37-111	2		30
Benidine	0	Q	1	Q	10-75	NC		30
1,2,4-Trichlorobenzene	64		63		39-98	2		30
Hexachlorobenzene	77		68		40-140	12		30
Bis(2-chloroethyl)ether	70		64		40-140	9		30
2-Chloronaphthalene	73		59		40-140	21		30
1,2-Dichlorobenzene	60		56		40-140	7		30
1,3-Dichlorobenzene	55		55		40-140	0		30
1,4-Dichlorobenzene	56		56		36-97	0		30
3,3'-Dichlorobenzidine	78		83		40-140	6		30
2,4-Dinitrotoluene	90		92		48-143	2		30
2,6-Dinitrotoluene	89		73		40-140	20		30
Azobenzene	82		72		40-140	13		30
Fluoranthene	62		84		40-140	30		30
4-Chlorophenyl phenyl ether	72		62		40-140	15		30
4-Bromophenyl phenyl ether	74		72		40-140	3		30
Bis(2-chloroisopropyl)ether	88		85		40-140	3		30
Bis(2-chloroethoxy)methane	79		75		40-140	5		30
Hexachlorobutadiene	59		57		40-140	3		30
Hexachlorocyclopentadiene	49		46		40-140	6		30
Hexachloroethane	58		56		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG957057-2 WG957057-3								
Isophorone	84		80		40-140	5		30
Naphthalene	64		63		40-140	2		30
Nitrobenzene	74		71		40-140	4		30
NitrosoDiPhenylAmine(NDPA)/DPA	76		68		40-140	11		30
n-Nitrosodi-n-propylamine	80		78		29-132	3		30
Bis(2-Ethylhexyl)phthalate	100		99		40-140	1		30
Butyl benzyl phthalate	90		86		40-140	5		30
Di-n-butylphthalate	93		85		40-140	9		30
Di-n-octylphthalate	118		124		40-140	5		30
Diethyl phthalate	85		71		40-140	18		30
Dimethyl phthalate	83		70		40-140	17		30
Benzo(a)anthracene	86		80		40-140	7		30
Benzo(a)pyrene	87		87		40-140	0		30
Benzo(b)fluoranthene	99		108		40-140	9		30
Benzo(k)fluoranthene	100		103		40-140	3		30
Chrysene	75		96		40-140	25		30
Acenaphthylene	77		76		45-123	1		30
Anthracene	81		85		40-140	5		30
Benzo(ghi)perylene	61		80		40-140	27		30
Fluorene	74		67		40-140	10		30
Phenanthrene	78		84		40-140	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG957057-2 WG957057-3								
Dibenzo(a,h)anthracene	65		97		40-140	40	Q	30
Indeno(1,2,3-cd)Pyrene	65		102		40-140	44	Q	30
Pyrene	60		82		26-127	31	Q	30
Biphenyl	82		65		40-140	23		30
Aniline	17	Q	29	Q	40-140	52	Q	30
4-Chloroaniline	45		49		40-140	9		30
1-Methylnaphthalene	72		60		41-103	18		30
2-Nitroaniline	96		77		52-143	22		30
3-Nitroaniline	74		80		25-145	8		30
4-Nitroaniline	80		68		51-143	16		30
Dibenzofuran	74		73		40-140	1		30
2-Methylnaphthalene	71		56		40-140	24		30
1,2,4,5-Tetrachlorobenzene	73		68		2-134	7		30
Pentachloronitrobenzene	102		103		4-189	1		30
Acetophenone	86		84		39-129	2		30
n-Nitrosodimethylamine	40		33		22-74	19		30
2,4,6-Trichlorophenol	77		61		30-130	23		30
P-Chloro-M-Cresol	85		78		23-97	9		30
2-Chlorophenol	74		67		27-123	10		30
2,4-Dichlorophenol	85		80		30-130	6		30
2,4-Dimethylphenol	51		55		30-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1639044

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG957057-2 WG957057-3								
2-Nitrophenol	86		81		30-130	6		30
4-Nitrophenol	49		49		10-80	0		30
2,4-Dinitrophenol	63		64		20-130	2		30
4,6-Dinitro-o-cresol	71		68		20-164	4		30
Pentachlorophenol	77		75		9-103	3		30
Phenol	36		34		12-110	6		30
2-Methylphenol	67		64		30-130	5		30
3-Methylphenol/4-Methylphenol	64		62		30-130	3		30
2,4,5-Trichlorophenol	82		66		30-130	22		30
Benzoic Acid	46		28		10-164	49	Q	30
Benzyl Alcohol	73		67		26-116	9		30
Carbazole	79		85		55-144	7		30
Pyridine	5	Q	10		10-66	76	Q	30
Parathion, ethyl	98		128		40-140	27		30
Atrazine	106		111		40-140	5		30
Benzaldehyde	74		68		40-140	8		30
Caprolactam	40		38		10-130	5		30
2,3,4,6-Tetrachlorophenol	79		76		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG957057-2 WG957057-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	49		44		21-120
Phenol-d6	34		32		10-120
Nitrobenzene-d5	73		66		23-120
2-Fluorobiphenyl	76		61		15-120
2,4,6-Tribromophenol	75		78		10-120
4-Terphenyl-d14	70		73		41-149

METALS

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1639044-01
 Client ID: MW42R
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 12/01/16 13:30
 Date Received: 12/01/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.0048	J	mg/l	0.0050	0.0019	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Barium, Total	0.116		mg/l	0.010	0.002	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Chromium, Total	ND		mg/l	0.01	0.002	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Copper, Total	0.005	J	mg/l	0.010	0.002	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Lead, Total	0.003	J	mg/l	0.010	0.003	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Manganese, Total	0.602		mg/l	0.010	0.002	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Mercury, Total	ND		mg/l	0.00020	0.00006	1	12/06/16 11:51	12/07/16 12:44	EPA 7470A	1,7470A	BV
Nickel, Total	ND		mg/l	0.025	0.002	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Selenium, Total	ND		mg/l	0.010	0.004	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Silver, Total	ND		mg/l	0.007	0.003	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS
Zinc, Total	0.008	J	mg/l	0.050	0.002	1	12/07/16 06:30	12/07/16 11:54	EPA 3005A	1,6010C	PS



Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG958471-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	12/06/16 11:51	12/07/16 12:41	1,7470A	BV

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG958744-1									
Arsenic, Total	ND	mg/l	0.005	0.002	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Barium, Total	ND	mg/l	0.010	0.002	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Beryllium, Total	ND	mg/l	0.005	0.001	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Cadmium, Total	ND	mg/l	0.005	0.001	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Chromium, Total	ND	mg/l	0.01	0.002	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Copper, Total	0.003 J	mg/l	0.010	0.002	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Lead, Total	ND	mg/l	0.010	0.003	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Manganese, Total	ND	mg/l	0.010	0.002	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Nickel, Total	ND	mg/l	0.025	0.002	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Selenium, Total	ND	mg/l	0.010	0.004	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Silver, Total	ND	mg/l	0.007	0.003	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS
Zinc, Total	ND	mg/l	0.050	0.002	1	12/07/16 06:30	12/07/16 11:22	1,6010C	PS

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG958471-2								
Mercury, Total	99		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG958744-2								
Arsenic, Total	107		-		80-120	-		
Barium, Total	94		-		80-120	-		
Beryllium, Total	91		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Copper, Total	106		-		80-120	-		
Lead, Total	105		-		80-120	-		
Manganese, Total	89		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Selenium, Total	110		-		80-120	-		
Silver, Total	102		-		80-120	-		
Zinc, Total	99		-		80-120	-		

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG958471-3 QC Sample: L1639044-01 Client ID: MW42R												
Mercury, Total	ND	0.005	0.00491	98	-	-	-	-	75-125	-	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG958744-3 WG958744-4 QC Sample: L1638835-09 Client ID: MS Sample												
Arsenic, Total	0.0048J	0.12	0.134	112		0.132	110		75-125	2		20
Barium, Total	0.058	2	1.97	96		1.95	95		75-125	1		20
Beryllium, Total	ND	0.05	0.046	91		0.045	91		75-125	1		20
Cadmium, Total	ND	0.051	0.052	102		0.051	101		75-125	2		20
Chromium, Total	ND	0.2	0.20	100		0.20	100		75-125	0		20
Copper, Total	0.006J	0.25	0.279	112		0.276	110		75-125	1		20
Lead, Total	ND	0.51	0.545	107		0.541	106		75-125	1		20
Manganese, Total	0.022	0.5	0.468	89		0.466	89		75-125	0		20
Nickel, Total	ND	0.5	0.520	104		0.514	103		75-125	1		20
Selenium, Total	ND	0.12	0.134	112		0.137	114		75-125	2		20
Silver, Total	ND	0.05	0.052	103		0.051	103		75-125	1		20
Zinc, Total	0.003J	0.5	0.494	99		0.487	97		75-125	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1639044

Report Date: 12/07/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG958471-4 QC Sample: L1639044-01 Client ID: MW42R						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: DESTINY

Project Number: 15209

Lab Number: L1639044

Report Date: 12/07/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal**Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1639044-01A	Vial HCl preserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1639044-01B	Vial HCl preserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1639044-01C	Vial HCl preserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1639044-01D	Amber 1000ml unpreserved	A	7	3.9	Y	Absent	NYTCL-8270(7)
L1639044-01E	Plastic 250ml HNO3 preserved	A	<2	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1639044-01F	Amber 1000ml unpreserved	A	7	3.9	Y	Absent	NYTCL-8270(7)

*Values in parentheses indicate holding time in days

Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY**Lab Number:** L1639044**Project Number:** 15209**Report Date:** 12/07/16**Data Qualifiers**

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY
Project Number: 15209

Lab Number: L1639044
Report Date: 12/07/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 ALPHA ANALYTICAL	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 2 of	Date Rec'd in Lab 12/02/16	ALPHA Job # L1639044								
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288										
Client Information		Project Information		Deliverables		Billing Information							
Client: Spectra Environmental Group Address: 19 British American Blvd Latham, NY 12110 Phone: 518-782-0882 EXT 25 Fax: Email: jkrikorian@spectraenv.com		Project Name: DSI-Groundwater Sampling <i>Destiny</i> Project Location: <i>10 Syracuse</i> Project # <i>15209</i> (Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #							
Regulatory Requirement		Disposal Site Information		Turn-Around Time		ANALYSIS							
Project Manager: Joe Krikorian ALPHAQuote #:		Standard <input type="checkbox"/> Due Date: <i>3 Days</i> Rush (only if pre approved) <input type="checkbox"/> # of Days:		<input checked="" type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:							
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Other project specific requirements/comments: <i>Spectra has set up special lists of constituents for these samples.</i>		Please specify Metals or TAL.		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)							
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		NYTCL 8260 NYTCL 8270 Tail Metals		Sample Specific Comments	
39044-01		MW 42 R		12/1/16 1330		(GW)		JUC		3 2 1		Special list of constituents have been requested for these samples.	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A P		Preservative B A C		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS.</u>			
Relinquished By: <i>[Signature]</i>		Date/Time 12/01/16 14:40		Received By: <i>[Signature]</i>		Date/Time 12/1/16 19:30		12/1/16 19:30		12/2/16 08:00		12/2/16 08:00	

Bottle Order Request

Bottle Order # 233119

NOV-30-16 12:54:30

Page 1 of 1

Acctnum : SPECTRAENV

Company : Spectra Environmental Group

Contact Name : Joe Krikorian

Projectname : Destiny

Request date : 11/30/16

Status : NEED

Sample delivery date :

Order taken by : Bobby Helnes

Linked Call :

Frequency :

Completed by :

Delivery method : Courier

Date Completed :

Matrix : Water

Samples : 1

Client IDs : 1

Analytes : TCL Volatiles - EPA 8260C

0 Trip Blanks

NYTCL Semivolatiles - EPA 8270D

Target Analyte List Metals - Total 6010C

Container	Quantity	Analyte Label
Amber 1000ml unpreserved	2	NYTCL-8270
Plastic 250ml HNO3 preserved	1	Total Hg Total Metals
Vial HCl preserved	3	NYTCL-8260

Bottle Quantity Summary:

Amber 1000ml unpreserved 2

Plastic 250ml HNO3 preserved 1

Vial HCl preserved 3

Trip Blanks: 2

Special Shipping Requirements

Cooler Dangerous Certified NJ Courier

Pending Shipping Date(s)

11/30/16

PLEASE PUT SAMPLES ON ICE
EXCEPT CANISTER OR BAG SAMPLES



ANALYTICAL REPORT

Lab Number:	L1624443
Client:	Spectra Environmental Group 19 British American Blvd. Latham, NY 12110
ATTN:	Frank Peduto
Phone:	(518) 782-0882
Project Name:	DESTINY
Project Number:	15209
Report Date:	08/10/16

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1624443-01	SP MW-43	WATER	SYRACUSE, NY	08/04/16 13:00	08/04/16

Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics by SIM

L1624443-01: The sample has elevated detection limits due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Lura L Troy

Title: Technical Director/Representative

Date: 08/10/16

ORGANICS

VOLATILES

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624443-01 D
 Client ID: SP MW-43
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 08/09/16 00:04
 Analyst: PD

Date Collected: 08/04/16 13:00
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	2.9	20
Benzene	310		ug/l	10	3.2	20
Toluene	170		ug/l	50	14.	20
Ethylbenzene	1100		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	45	J	ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	2.8	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624443-01 D

Date Collected: 08/04/16 13:00

Client ID: SP MW-43

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	1600		ug/l	50	14.	20
o-Xylene	140		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	54	J	ug/l	100	29.	20
Carbon disulfide	24	J	ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	38	J	ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	540		ug/l	200	5.4	20
1,4-Dioxane	2700	J	ug/l	5000	820	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	220		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 08/08/16 14:16
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG921109-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 08/08/16 14:16
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG921109-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 08/08/16 14:16
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG921109-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG921109-3 WG921109-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
2-Chloroethylvinyl ether	95		94		70-130	1		20
Carbon tetrachloride	86		88		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	90		92		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	96		100		62-150	4		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	84		84		70-130	0		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	84		83		54-136	1		20
1,1,2,2-Tetrachloroethane	99		100		67-130	1		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG921109-3 WG921109-4								
Ethylbenzene	110		110		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	100		110		39-139	10		20
Vinyl chloride	110		120		55-140	9		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	97		100		61-145	3		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		115		70-130	4		20
o-Xylene	110		115		70-130	4		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	98		96		64-130	2		20
Acrylonitrile	99		100		70-130	1		20
Isopropyl Ether	110		110		70-130	0		20
tert-Butyl Alcohol	86		106		70-130	21	Q	20
Styrene	115		120		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG921109-3 WG921109-4								
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	100		92		58-148	8		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	100		100		63-138	0		20
Vinyl acetate	94		99		70-130	5		20
4-Methyl-2-pentanone	91		93		59-130	2		20
2-Hexanone	100		100		57-130	0		20
Acrolein	100		110		40-160	10		20
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	100		110		63-133	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	95		94		41-144	1		20
Hexachlorobutadiene	110		110		63-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG921109-3 WG921109-4								
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
Methyl Acetate	93		100		70-130	7		20
Ethyl Acetate	100		100		70-130	0		20
Cyclohexane	110		110		70-130	0		20
Ethyl-Tert-Butyl-Ether	95		100		70-130	5		20
Tertiary-Amyl Methyl Ether	90		97		66-130	7		20
1,4-Dioxane	126		128		56-162	2		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		110		70-130	0		20
p-Diethylbenzene	120		110		70-130	9		20
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	120		110		70-130	9		20
Tetrahydrofuran	97		98		58-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	100		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG921109-3 WG921109-4								
Iodomethane	86		89		70-130	3		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	101		98		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624443-01
 Client ID: SP MW-43
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 08/09/16 18:31
 Analyst: ALS

Date Collected: 08/04/16 13:00
 Date Received: 08/04/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 08/07/16 15:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	1.7	J	ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624443-01
 Client ID: SP MW-43
 Sample Location: SYRACUSE, NY

Date Collected: 08/04/16 13:00
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	5.3		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1
Atrazine	ND		ug/l	10	1.8	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	3.6	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	76		41-149

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624443-01 D
 Client ID: SP MW-43
 Sample Location: SYRACUSE, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 08/09/16 10:16
 Analyst: KL

Date Collected: 08/04/16 13:00
 Date Received: 08/04/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 08/07/16 13:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.38	J	ug/l	1.0	0.35	10
2-Chloronaphthalene	ND		ug/l	2.0	0.35	10
Fluoranthene	ND		ug/l	2.0	0.38	10
Hexachlorobutadiene	ND		ug/l	5.0	0.36	10
Naphthalene	140		ug/l	2.0	0.43	10
Benzo(a)anthracene	ND		ug/l	2.0	0.16	10
Benzo(a)pyrene	ND		ug/l	2.0	0.39	10
Benzo(b)fluoranthene	ND		ug/l	2.0	0.16	10
Benzo(k)fluoranthene	ND		ug/l	2.0	0.42	10
Chrysene	ND		ug/l	2.0	0.38	10
Acenaphthylene	ND		ug/l	2.0	0.35	10
Anthracene	ND		ug/l	2.0	0.35	10
Benzo(ghi)perylene	ND		ug/l	2.0	0.42	10
Fluorene	0.47	J	ug/l	2.0	0.37	10
Phenanthrene	0.28	J	ug/l	2.0	0.15	10
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.39	10
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	10
Pyrene	ND		ug/l	2.0	0.40	10
2-Methylnaphthalene	1.8	J	ug/l	2.0	0.45	10
Pentachlorophenol	ND		ug/l	8.0	2.2	10
Hexachlorobenzene	ND		ug/l	8.0	0.32	10
Hexachloroethane	ND		ug/l	8.0	0.30	10

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624443-01 D

Date Collected: 08/04/16 13:00

Client ID: SP MW-43

Date Received: 08/04/16

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	65		41-149

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 08/09/16 15:25
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 08/07/16 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG920691-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Isophorone	ND		ug/l	5.0	0.60
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.1
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 08/09/16 15:25
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 08/07/16 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG920691-1					
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Phenol	ND		ug/l	5.0	1.9
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Atrazine	ND		ug/l	10	1.8
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	63		41-149

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM
 Analytical Date: 08/08/16 12:30
 Analyst: YW

Extraction Method: EPA 3510C
 Extraction Date: 08/07/16 13:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG920693-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM
 Analytical Date: 08/08/16 12:30
 Analyst: YW

Extraction Method: EPA 3510C
 Extraction Date: 08/07/16 13:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG920693-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG920691-2 WG920691-3								
Acenaphthene	53		61		37-111	18		30
Benidine	25		24		10-75	23		30
1,2,4-Trichlorobenzene	59		70		39-98	1		30
Hexachlorobenzene	64		72		40-140	28		30
Bis(2-chloroethyl)ether	49		60		40-140	6		30
2-Chloronaphthalene	63		70		40-140	16		30
1,2-Dichlorobenzene	50		57		40-140	5		30
1,3-Dichlorobenzene	48		55		40-140	4		30
1,4-Dichlorobenzene	49		56		36-97	4		30
3,3'-Dichlorobenzidine	49		48		40-140	43	Q	30
2,4-Dinitrotoluene	56		63		24-96	26		30
2,6-Dinitrotoluene	75		81		40-140	24		30
Azobenzene	48		54		40-140	27		30
Fluoranthene	61		69		40-140	26		30
4-Chlorophenyl phenyl ether	62		71		40-140	24		30
4-Bromophenyl phenyl ether	65		74		40-140	26		30
Bis(2-chloroisopropyl)ether	45		53		40-140	11		30
Bis(2-chloroethoxy)methane	55		62		40-140	14		30
Hexachlorobutadiene	63		72		40-140	7		30
Hexachlorocyclopentadiene	78		80		40-140	12		30
Hexachloroethane	46		54		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG920691-2 WG920691-3								
Isophorone	58		65		40-140	13		30
Naphthalene	51		60		40-140	8		30
Nitrobenzene	54		66		40-140	7		30
NitrosoDiPhenylAmine(NDPA)/DPA	59		66		40-140	26		30
n-Nitrosodi-n-propylamine	54		61		29-132	14		30
Bis(2-Ethylhexyl)phthalate	56		71		40-140	16		30
Butyl benzyl phthalate	54		58		40-140	32	Q	30
Di-n-butylphthalate	56		63		40-140	29		30
Di-n-octylphthalate	58		67		40-140	23		30
Diethyl phthalate	57		65		40-140	26		30
Dimethyl phthalate	70		74		40-140	22		30
Benzo(a)anthracene	60		69		40-140	22		30
Benzo(a)pyrene	63		68		40-140	30		30
Benzo(b)fluoranthene	60		67		40-140	24		30
Benzo(k)fluoranthene	57		63		40-140	30		30
Chrysene	56		65		40-140	24		30
Acenaphthylene	64		70		45-123	21		30
Anthracene	56		66		40-140	24		30
Benzo(ghi)perylene	60		66		40-140	27		30
Fluorene	56		66		40-140	22		30
Phenanthrene	53		61		40-140	24		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG920691-2 WG920691-3								
Dibenzo(a,h)anthracene	56		62		40-140	27		30
Indeno(1,2,3-cd)Pyrene	57		63		40-140	26		30
Pyrene	59		67		26-127	25		30
Biphenyl	62		69		40-140	17		30
Aniline	37	Q	30	Q	40-140	10		30
4-Chloroaniline	43		54		40-140	0		30
1-Methylnaphthalene	56		63		41-103	11		30
2-Nitroaniline	63		70		52-143	22		30
3-Nitroaniline	48		57		25-145	18		30
4-Nitroaniline	51		50	Q	51-143	41	Q	30
Dibenzofuran	55		64		40-140	21		30
2-Methylnaphthalene	57		65		40-140	13		30
1,2,4,5-Tetrachlorobenzene	72		81		2-134	15		30
Acetophenone	58		66		39-129	13		30
n-Nitrosodimethylamine	30		34		22-74	19		30
2,4,6-Trichlorophenol	75		87		30-130	21		30
P-Chloro-M-Cresol	63		66		23-97	26		30
2-Chlorophenol	54		62		27-123	16		30
2,4-Dichlorophenol	70		76		30-130	16		30
2,4-Dimethylphenol	57		65		30-130	16		30
2-Nitrophenol	63		75		30-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG920691-2 WG920691-3								
4-Nitrophenol	30		33		10-80	35	Q	30
2,4-Dinitrophenol	71		95		20-130	7		30
4,6-Dinitro-o-cresol	69		82		20-164	17		30
Pentachlorophenol	48		77		9-103	5		30
Phenol	27		27		12-110	26		30
2-Methylphenol	50		56		30-130	22		30
3-Methylphenol/4-Methylphenol	49		52		30-130	21		30
2,4,5-Trichlorophenol	77		84		30-130	17		30
Benzoic Acid	28		48		10-164	0		30
Benzyl Alcohol	49		53		26-116	23		30
Carbazole	53	Q	60		55-144	27		30
Pyridine	23		17		10-66	52	Q	30
Parathion, ethyl	72		82		40-140	22		30
Atrazine	68		76		40-140	30		30
Benzaldehyde	40		47		40-140	6		30
Caprolactam	19		17		10-130	49	Q	30
2,3,4,6-Tetrachlorophenol	65		81		40-140	21		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG920691-2 WG920691-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	36		39		21-120
Phenol-d6	27		28		10-120
Nitrobenzene-d5	56		66		23-120
2-Fluorobiphenyl	65		71		15-120
2,4,6-Tribromophenol	68		81		10-120
4-Terphenyl-d14	61		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG920693-2 WG920693-3								
Acenaphthene	75		78		37-111	4		40
2-Chloronaphthalene	65		68		40-140	5		40
Fluoranthene	77		76		40-140	1		40
Hexachlorobutadiene	55		60		40-140	9		40
Naphthalene	64		66		40-140	3		40
Benzo(a)anthracene	82		86		40-140	5		40
Benzo(a)pyrene	86		89		40-140	3		40
Benzo(b)fluoranthene	88		91		40-140	3		40
Benzo(k)fluoranthene	82		86		40-140	5		40
Chrysene	76		79		40-140	4		40
Acenaphthylene	76		79		40-140	4		40
Anthracene	79		81		40-140	3		40
Benzo(ghi)perylene	82		87		40-140	6		40
Fluorene	79		80		40-140	1		40
Phenanthrene	73		73		40-140	0		40
Dibenzo(a,h)anthracene	84		89		40-140	6		40
Indeno(1,2,3-cd)pyrene	83		87		40-140	5		40
Pyrene	72		73		26-127	1		40
1-Methylnaphthalene	67		70		40-140	4		40
2-Methylnaphthalene	65		68		40-140	5		40
Pentachlorophenol	74		76		9-103	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG920693-2 WG920693-3								
Hexachlorobenzene	69		73		40-140	6		40
Hexachloroethane	66		69		40-140	4		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		41		21-120
Phenol-d6	28		31		10-120
Nitrobenzene-d5	65		66		23-120
2-Fluorobiphenyl	67		69		15-120
2,4,6-Tribromophenol	75		78		10-120
4-Terphenyl-d14	73		75		41-149

METALS

Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

SAMPLE RESULTS

Lab ID: L1624443-01
 Client ID: SP MW-43
 Sample Location: SYRACUSE, NY
 Matrix: Water

Date Collected: 08/04/16 13:00
 Date Received: 08/04/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.107		mg/l	0.010	0.002	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Antimony, Total	0.0006	J	mg/l	0.0020	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Arsenic, Total	0.0024		mg/l	0.0005	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Barium, Total	0.0578		mg/l	0.0005	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.0005	0.0002	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Cadmium, Total	0.0006		mg/l	0.0002	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Calcium, Total	488		mg/l	2.00	0.640	20	08/05/16 10:20	08/05/16 16:33	EPA 3005A	1,6020A	AM
Chromium, Total	0.0008	J	mg/l	0.0010	0.0003	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Cobalt, Total	0.0006		mg/l	0.0002	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Copper, Total	0.0042		mg/l	0.0010	0.0003	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Iron, Total	1.10		mg/l	0.050	0.012	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Lead, Total	0.0075		mg/l	0.0010	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Magnesium, Total	50.8		mg/l	1.40	0.446	20	08/05/16 10:20	08/05/16 16:33	EPA 3005A	1,6020A	AM
Manganese, Total	0.1758		mg/l	0.0010	0.0003	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/05/16 11:08	08/05/16 18:16	EPA 7470A	1,7470A	EA
Nickel, Total	0.0016		mg/l	0.0010	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Potassium, Total	10.8		mg/l	0.100	0.019	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.005	0.001	1	08/05/16 10:20	08/06/16 12:51	EPA 3005A	1,6020A	BDV
Silver, Total	ND		mg/l	0.0004	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Sodium, Total	711		mg/l	2.00	0.322	20	08/05/16 10:20	08/05/16 16:33	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.0005	0.0001	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Vanadium, Total	0.0007	J	mg/l	0.0050	0.0006	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM
Zinc, Total	0.3103		mg/l	0.0100	0.0026	1	08/05/16 10:20	08/05/16 16:30	EPA 3005A	1,6020A	AM



Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG920334-1										
Aluminum, Total	ND		mg/l	0.010	0.002	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Antimony, Total	0.0006	J	mg/l	0.0020	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Arsenic, Total	ND		mg/l	0.0005	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Barium, Total	ND		mg/l	0.0005	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Beryllium, Total	ND		mg/l	0.0005	0.0002	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.032	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Chromium, Total	ND		mg/l	0.0010	0.0003	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Cobalt, Total	ND		mg/l	0.0002	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Copper, Total	ND		mg/l	0.0010	0.0003	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Iron, Total	ND		mg/l	0.050	0.012	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Lead, Total	ND		mg/l	0.0010	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Magnesium, Total	ND		mg/l	0.070	0.022	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Manganese, Total	ND		mg/l	0.0010	0.0003	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Nickel, Total	0.0008	J	mg/l	0.0010	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.019	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Selenium, Total	ND		mg/l	0.005	0.001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Silver, Total	ND		mg/l	0.0004	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.016	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Thallium, Total	ND		mg/l	0.0005	0.0001	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Vanadium, Total	ND		mg/l	0.0050	0.0006	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM
Zinc, Total	ND		mg/l	0.0100	0.0026	1	08/05/16 10:20	08/05/16 15:50	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG920342-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/05/16 11:08	08/05/16 18:03	1,7470A	EA



Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

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Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG920334-2								
Aluminum, Total	93		-		80-120	-		
Antimony, Total	81		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	89		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	93		-		80-120	-		
Cobalt, Total	95		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	98		-		80-120	-		
Lead, Total	108		-		80-120	-		
Magnesium, Total	95		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Potassium, Total	91		-		80-120	-		
Selenium, Total	88		-		80-120	-		
Silver, Total	94		-		80-120	-		
Sodium, Total	91		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG920334-2					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG920342-2					
Mercury, Total	107	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG920334-3 WG920334-4 QC Sample: L1624356-01 Client ID: MS Sample												
Aluminum, Total	ND	2	1.94	97		1.89	94		75-125	3		20
Antimony, Total	ND	0.5	0.4948	99		0.4980	100		75-125	1		20
Arsenic, Total	ND	0.12	0.1138	94		0.1269	105		75-125	11		20
Barium, Total	ND	2	2.072	99		2.053	98		75-125	1		20
Beryllium, Total	ND	0.05	0.0448	90		0.0449	90		75-125	0		20
Cadmium, Total	0.0001J	0.051	0.0546	107		0.0534	105		75-125	2		20
Calcium, Total	ND	10	66.6	93		67.4	101		75-125	1		20
Chromium, Total	ND	0.2	0.1807	90		0.1998	99		75-125	10		20
Cobalt, Total	ND	0.5	0.4717	93		0.4904	97		75-125	4		20
Copper, Total	ND	0.25	0.2380	95		0.2530	101		75-125	6		20
Iron, Total	0.319	1	1.37	105		1.32	100		75-125	4		20
Lead, Total	ND	0.51	0.5685	111		0.5586	110		75-125	2		20
Magnesium, Total	ND	10	37.3	108		37.5	110		75-125	1		20
Manganese, Total	7.744	0.5	8.033	58	Q	8.156	82		75-125	2		20
Nickel, Total	ND	0.5	0.4713	92		0.4995	97		75-125	6		20
Potassium, Total	20.3	10	30.0	97		29.7	94		75-125	1		20
Selenium, Total	ND	0.12	0.094J	78		0.123	102		75-125	27	Q	20
Silver, Total	ND	0.05	0.0524	105		0.0473	95		75-125	10		20
Sodium, Total	81.4	10	92.1	107		89.2	78		75-125	3		20
Thallium, Total	ND	0.12	0.1217	101		0.1249	104		75-125	3		20
Vanadium, Total	ND	0.5	0.4734	95		0.5138	103		75-125	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG920334-3 WG920334-4 QC Sample: L1624356-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4671	91	0.4806	94	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG920342-4 QC Sample: L1624318-11 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00478	96	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG920342-3 QC Sample: L1624318-11 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: DESTINY

Project Number: 15209

Lab Number: L1624443

Report Date: 08/10/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal**Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1624443-01A	Vial HCl preserved	A	N/A	4.8	Y	Absent	NYTCL-8260(14)
L1624443-01B	Vial HCl preserved	A	N/A	4.8	Y	Absent	NYTCL-8260(14)
L1624443-01C	Vial HCl preserved	A	N/A	4.8	Y	Absent	NYTCL-8260(14)
L1624443-01D	Amber 1000ml unpreserved	A	7	4.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1624443-01E	Amber 1000ml unpreserved	A	7	4.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1624443-01F	Plastic 250ml HNO3 preserved	A	<2	4.8	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: DESTINY
Project Number: 15209

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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



Project Name: DESTINY
Project Number: 15209

Lab Number: L1624443
Report Date: 08/10/16

Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: DESTINY

Lab Number: L1624443

Project Number: 15209

Report Date: 08/10/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: **EPA 3050B**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

APPENDIX F
MONITORING WELL 42R



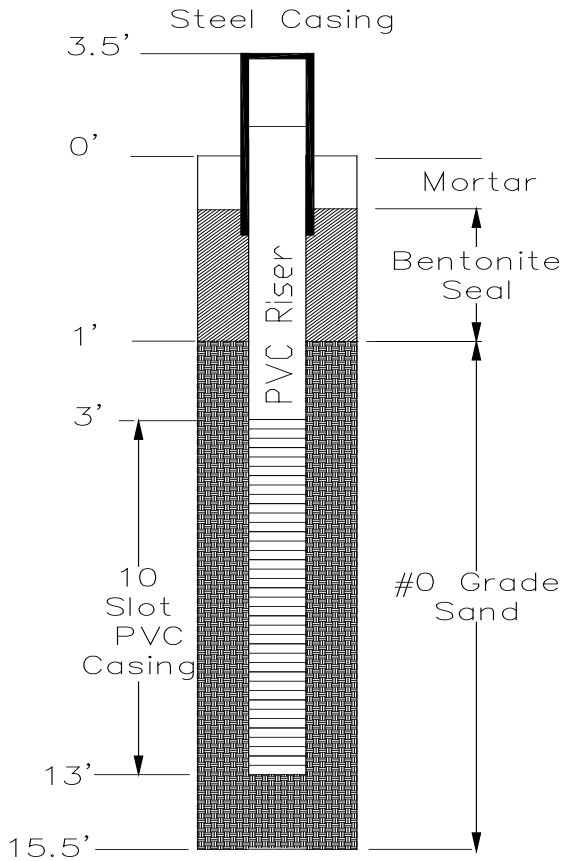
MONITORING WELL COMPLETION LOG

Well I.D.: SP-MW-42R

Project Name: Destiny Site 7
Client Name: Destiny USA
Location: Syracuse, NY
Weather/Temp. 45° F, overcast, windy

Project No: 15209
Date: 10/25/2016
Logged By: Y. Winters
Checked By: _____

WELL CONSTRUCTION DETAILS



Not To Scale

INSPECTION NOTES

Inspector: Y. Winters
Contractor: NYEG Drilling/Paragon Environmental Construction, Inc.
Drilling Method:
 Type: Hollow Stem Auger
 Equipment: CME - 55 Drill Rig
 Type of Well: Monitoring Well
 Static Water Level: 4.2 feet below TOC (Measured on 10/27/2016)
 Measuring Point: _____
 Total Depth of Well: 15.5 feet
Sampling Method:
 Type: 2-foot Split Spoon
 Weight: 140#
 Interval: 15.5 feet bgs
Riser Pipe Left in Place:
 Material: Schedule 40 PVC
 Length: 4 feet
 Diameter: 2-inch
Screen:
 Material: Prefabricated well screen 0.010-inch slot
 Slot Size: 10-slot
 Stratigraphic Unit Screened: 3-13 feet bgs
Filter Pack:
 Sand: 1-15 feet bgs
 Grade: No. 0
 Amount: 15.5 feet
Seals:
 Type: Bentonite seal 0 - 1 feet bgs



Well No. 42R

Well Development/Purging Log

PROJECT NAME: DESTINY

PROJECT NUMBER: 15209

DATE: 11/23/16

SAMPLERS: JOE KRIKORIAN

		Well I.D	Vol. Gal. /Ft.
① Total Casing and Screen Length (ft.)	18.9	1"	0.04
		2"	0.17
② Casing internal Diameter (in.)	2	3"	0.38
		4"	0.66
③ Water Level Below Top Of Casing (ft.)	8.38	5"	1.04
		6"	1.50
④ Volume of water in casing (gal.)	1.7	8"	2.60

$$v=0.0408 (②)^2 \times (①-③) = ④$$

$$v=0.0408 (\quad)^2 \times (\quad - \quad) = \underline{\quad} \text{ gal.}$$

PARAMETER	ACCUMULATED VOLUME PURGED							
	0	5	8	10	12	15	18	20
Gallons	0	5	8	10	12	15	18	20
Time	0	15	20	30	35	40	50	60
Conductivity (monm/cm)	1.6	1.7	1.69	1.67	1.66	1.68	1.67	1.66
Dissolved Oxygen (ppm)	82.6	1.5	10.1	64	42	10.3	11.2	10.5
Eh (mV)	-113.6	-145.7	-137.2	-110.3	-108.6	-104.9	-111.3	-109.4
pH	7.11	7.12	7.14	7.18	7.15	7.11	7.11	7.10
Temp (°C)	10.5	12.6	9.9	11.3	11.2	11.4	11.5	12.8
Turbidity (NTUs)	--	--	--	2847	943	32.33	655	255
DEPTH TO WATER (BELOW TOC)	8.38	8.48	8.48	8.48	8.48	8.48	8.48	8.48

COMMENTS: PAUSE PUMPING TO SURGE AT 15, 30, AND 40 MINUTES.



Well SAMPLING LOG

Well I.D.: _____

Project Name: Destiny USA - Embassy Suites
Client Name: Destiny USA
Location: Site 7
Weather/Temp. Overcast, windy, ~ 38°F

Project No. 15209
Date: Thursday, December 01, 2016
Logged By: Y. Winters
Checked By: _____

WELL INFORMATION

Riser Diameter (I.D.) 2 inches
 Screen Diameter (I.D.) 2 ft
 Screened Interval: 8-18.9 ft
 Stratigraphic Unit Screened: _____ ft
 Reported Well Depth: 18.9 ft

FIELD MEASUREMENTS

Field Well Depth: 18.9 ft
 Sand/Silt Accumulation: 0
 Depth to Water: 7.37 ft
 Well Water Volume (V=(0.041)(d^2)(h)): 1.7 gallons
 Total Volume Removed: 20 gallons

Time	Volume Removed	pH	Temp (C)	Cond (mS/cm)	ORP (mV)	DTW (ft)	Turbidity (NTU)	
Stable Range		0-1 units	3%	3%	10 mV	1 ft total	10% or 1 NTU	Sample Date <u>Thursday, December 01, 2016</u>
0	-	6.83	11.3	1.93	-115.1	7.57	2.99	
5 minutes		6.98	11.4	1.95	-135.7	7.69	2.62	
10		6.99	11.4	1.97	-141.3	7.69	1.94	Start Time: <u>12:30</u>
15	~5	7.00	11.5	1.99	-145.7	7.70	1.37	
20		7.01	11.6	2.01	-148.9	7.71	1.39	End Time <u>13:30</u>
25		7.01	11.6	2.02	-153.9	7.69	1.72	
30	~10	7.02	11.6	2.02	-155.6	7.72	1.43	Purging Equipment Used
35		7.02	11.6	2.04	-158.1	7.73	1.65	Peristaltic Pump
40		7.03	11.7	2.04	-159.3	7.70	1.23	
45	~15	7.03	11.6	2.05	-161.2	7.70	0.97	
50		7.03	11.7	2.06	-161.7	7.70	1.14	
55		7.03	11.7	2.07	-162.5	7.71	2.08	Analytical Tests Conducted
60 (1 hour)	~20	7.03	11.7	2.08	-162.7	7.70	1.63	VOCs, SVOCs, Metals
65								
70								
75								Laboratory Completing Tests
80								Alpha Analytical
85								
90								
95								Samples Delivered Via:
100								Hand-delivered to Syracuse Service Center
105								
110								Total Static Water Level Drawdown
115								0.13 ft
120 (2 hours)								
125								Sample Time: (24 hour Format) <u>13:30</u>
130 minutes								

NOTES
