LOT 3A INTERIM REMEDIAL MEASURES CONSTRUCTION COMPLETION REPORT

Former Kerr-McGee/Tronox Federal Creosote Site
Rome, New York
Portion of NYSDEC Site #633088

Prepared for

Greenfield Environmental Multistate Trust LLC
Trustee of the Multistate Environmental Response Trust

Prepared by:
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For Submittal to:

New York State Department of Environmental Conservation

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This Lot 3A Interim Remedial Measures Construction Completion Report was prepared by Haley & Aldrich of New York (Haley & Aldrich), for Greenfield Environmental Multistate Trust LLC, Trustee of the Multistate Environmental Response Trust (the Multistate Trust).

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12-10-2019

James E. Siegfried, P.E.

Date

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1. Introduction

1.1 SITE DESCRIPTION

This Construction Completion Report (CCR), prepared by Haley & Aldrich of New York (Haley & Aldrich), documents Interim Remedial Measures (IRM) conducted by the Greenfield Environmental Multistate Trust LLC, Trustee of the Multistate Environmental Response Trust (Multistate Trust), at a portion of the Former Federal Creosote Site in Rome, NY (Site) (see Figure 1). Remediation activities described herein were performed under the New York State Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Disposal Site Remediation Program, pursuant to an Order on Consent and Administrative Settlement (NYSDEC Index No. CO 6-20180611-27) regarding Site #633088, and in accordance with the NYSDEC-approved Revised Interim Remedial Measures Work Plan (IRMWP) dated August 10, 2018 (Haley & Aldrich, 2018b). The work was completed in general conformance with NYSDEC Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10; NYSDEC, 2010a).

The IRM was conducted on Lot 3A, a 4.51± acre parcel located at 5900 Success Drive in the City of Rome, New York (see Figure 2). The Lot 3A property is owned by the Oneida County Industrial Development Authority (OCIDA), and includes an active powder coating manufacturing facility building owned and operated by Nortek Powder Coating, LLC (Nortek), a paved parking and loading dock area south of the Nortek building, driveways, landscaped areas, and a wooded area on the west portion of the property. IRM activities were primarily located on the paved parking area south of the Nortek building (south parking lot), and soil staging activities and construction staging extended onto Lot 3B, which is located contiguous to and south of Lot 3A. Lot 3B is a 1.17± acre undeveloped parcel, also owned by the OCIDA, and the location of previous remedial activities conducted by the Multistate Trust in 2016 (Haley & Aldrich, 2017). The IRM area encompassing Lot 3A and Lot 3B is herein referred to as the "IRM Site." Access for the IRM activities described herein was coordinated between the NYSDEC, the Multistate Trust, the OCIDA, and Nortek.

1.2 SITE HISTORY

The Site is a portion of a 189+/- acre complex formerly owned and operated by the Federal Creosoting Company from the early 1900s until 1959. Historical operations included the production and preservation treatment of wooden railroad ties with creosote. The property was later developed into an industrial park in the 1970s. The Multistate Trust, which was established pursuant to the global settlement of the Tronox bankruptcy, took title to certain portions of the Site in 2011 and is responsible for managing and funding environmental actions at the Site pursuant to NYSDEC-approved work plans and budgets.

Lot 3A was the former location of, among other things, four aboveground storage tanks (ASTs) used to store liquid creosote for wood treatment operations at the Site. Other structures formerly located on Lot 3A included a boiler house and an office. Following cessation of wood treatment operations at the Site in the 1950s, the original Lot 3A building was constructed in 1979. An addition to the east side of the building was constructed by Nortek in 2016.

1.3 REMEDIAL INVESTIGATION SUMMARY

Starting in 2001, investigations and remedial actions at Lot 3A were conducted on behalf of Kerr-McGee by Plumley Engineering of Baldwinsville, New York (Plumley). The investigations and remedial actions at Lot 3A and other portions of the Site were performed under a Voluntary Cleanup Agreement (VCA) (Site No. V00612-6) entered into by, among others, Kerr-McGee Chemical, LLC (Kerr-McGee) and the NYSDEC. Plumley's investigations included soil borings, groundwater monitoring, and soil vapor monitoring beneath the Nortek building. Soil boring observations and associated sample analyses detected elevated concentrations of polycyclic aromatic hydrocarbons (PAHs) in soil below portions of the pavement in the south parking lot of Lot 3A. Plumley conducted remedial excavations to assumed depths of approximately four feet below ground surface (bgs) (based on photographs provided by the NYSDEC) throughout the northwestern portion of the paved parking area south of the Nortek building in 2006 and 2007. Following remedial excavations and approval of a Lot 3A-specific Soil Management Plan (SMP) in 2008, Lot 3A was released from the VCA in 2012.

In 2016, Haley & Aldrich conducted IRMs on Lot 3B (Lot 3B IRM) pursuant to a NYSDEC-approved work plan on behalf of the Multistate Trust (Haley & Aldrich, 2017). During Lot 3B IRM excavations near the property line between Lots 3A and 3B (see Figure 2), Haley & Aldrich observed potentially impacted groundwater migrating south from Lot 3A onto Lot 3B, suggesting the presence of contaminated soils in the south parking lot area of Lot 3A. Due to such observations, as part of the Lot 3B IRM activities, a sheet pile wall installed between Lots 3A and 3B was left in-place following completion of the Lot 3B IRM to impede impacted groundwater from migrating onto Lot 3B from Lot 3A.

A subsequent investigation of the Lot 3A parking lot area was conducted by Haley & Aldrich in 2017 as part of supplemental investigation activities (2017 Supplemental Investigation) related to multiple Site parcels (Lot 3A, Lot 4, Lot 5E, and the Railroad Parcel) (Haley & Aldrich, 2018a). Findings of the 2017 Supplemental Investigation included visual observations of creosote-saturated soil up to 2.2 feet thick generally found above the clay layer in random locations in the Lot 3A investigation area between four and 10.1 feet below the pavement surface.

Based on the findings of the 2017 Supplemental Investigation, the NYSDEC requested, via letter dated May 18, 2018, that the Multistate Trust prepare an IRM work plan for the purpose of removing visible creosote-saturated soils identified during the 2017 Supplemental Investigation activities in the Lot 3A parking lot area. The IRMWP was submitted to NYSDEC on August 10, 2018 and approved on August 20, 2018.

Borings were installed for IRM documentation sampling purposes prior to the commencement of Lot 3A IRM excavation activities in May 2019. Haley & Aldrich advanced soil borings around the perimeter of the proposed IRM excavation areas to collect sidewall documentation samples and visually document the presence or absence of creosote-saturated soils along the perimeter of each proposed IRM excavation, as prescribed in the IRMWP and further described in Section 3.1 below. Following observations of creosote-saturated soils in the northeast corner of the proposed excavation, additional soil borings were advanced to delineate the lateral extent of observed creosote-saturated soils, and to revise the proposed IRM excavation boundaries. Following completion of the additional soil borings, the proposed limits of the Lot 3A IRM excavation area(s) were expanded to the limits shown on Figures 3 and 4.

1.4 PHYSICAL SETTING

Subsurface geologic conditions on Lot 3A were determined based on subsurface investigations conducted at the IRM Site by both Plumley and Haley & Aldrich between 2002 and 2019. Those investigations confirmed that a confining clay layer is present between approximately six and 12 feet bgs, overlain by lacustrine sands and surficial fill associated with historical Site use. Based on previous investigations described above, creosote-saturated soil appears to be limited to the sand and fill layers and does not appear to extend into or below the clay layer.

The former Federal Creosote Company facility boiler house was also historically located on Lot 3A. Numerous concrete structures, likely associated with former Site building foundations, were uncovered and removed during the IRM activities. Based on correspondence with NYSDEC, three of these concrete features were left in place, as discussed in Section 3.2.4.

1.5 REMEDIAL GOALS AND CLEANUP CRITERIA

The objectives for the IRM, as presented in the IRMWP, included:

1. Removing and disposing of, to the extent practical, visible creosote-saturated soil, fill, and debris from the south parking lot area of Lot 3A;
2. Achieving Site conditions that will allow for no further remedial action requirements related to visible creosote non-aqueous phase liquid (NAPL) contamination on Lot 3A; and
3. Documenting remaining Site conditions for ongoing and future Site management.

The IRMWP defined visual impacts from creosote as evidence of creosote-saturation or free product. The activities described herein document the removal and disposal of such material.

2. Site Preparation Activities

Prior to implementation of IRM activities, Haley & Aldrich, the NYSDEC, the New York State Department of Health (NYSDOH), the Multistate Trust, National Grid, and representatives of the OCIDA and Nortek attended a pre-construction meeting/site walk on April 25, 2019 to review pre-excavation sampling and subsequent IRM construction activities. On June 17, 2019, National Grid provided the Multistate Trust authorization to conduct Lot 3A IRM construction-related activities (e.g., excavated material staging and truck travel) on portions of the Site (Lot 5E) located beneath high voltage electrical lines shown on Figure 3.

Haley & Aldrich Construction Services (HCS) engaged Paragon Environmental Construction, Inc. of Brewerton, New York (Paragon) to perform construction activities, including site preparation, soil excavation, water management, and waste transport. HCS managed the construction and provided construction oversight. IRM implementation monitoring, documentation soil sampling, and wastewater sampling were performed by Haley & Aldrich.

2.1 REGULATORY APPROVALS AND PERMITS

The NYSDEC issued initial approval of the IRMWP on August 20, 2018 (Appendix A; NYSDEC, 2018b). During implementation of the IRM, NYSDEC approval for deviations from the IRMWP was requested. Documentation of NYSDEC approvals are included in Appendix A.

The City of Rome Water Pollution Control Facility (WPCF) issued approval on May 1, 2019 to discharge groundwater recovered from remedial excavations to the City of Rome sanitary sewer under Industrial Discharge Permit HAL-1920 (Permit HAL-1920). The WPCF and NYSDEC approved modifications to the wastewater sampling schedule specified in HAL-1920 on August 1, 2019. Permit HAL-1920 is included in Appendix A.

Creosote-impacted materials excavated at the Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the materials require handling and disposal as hazardous waste, unless granted a "Contained-In" determination.

Pursuant to correspondence between NYSDEC and Haley & Aldrich, dated July 31, 2019, wastewater generated at the Site was granted a generic "Contained-In" determination, applicable only to the delivery of water to the WPCF meeting discharge conditions specified in Permit HAL-1920.

Haley & Aldrich submitted twelve "Contained-In" determination requests to NYSDEC to facilitate management of stockpiled creosote-impacted soils and construction debris generated during implementation of IRM activities. NYSDEC granted each "Contained-In" determination requested as part of such IRM activities. "Contained-In" request letters, analytical data, and determinations regarding the same are included in Appendix B.

2.2 SITE SURVEYS

Topographic surveys of the Lot 3A south parking lot and Lot 3B in 2018 established IRM Site feature elevations and surface grades prior to IRM implementation. In May and June 2019, the pre-approved

Lot 3A IRM excavation limits were marked by a surveyor on the asphalt surface of the Lot 3A south parking lot. The surveyed excavation limits guided the location of soil borings advanced along the excavation perimeters to screen for visual evidence of creosote-saturated soils and collection of sidewall documentation soil samples. Surveyed excavation limits also guided sheet pile installation locations during subsequent IRM excavation activities.

3. Interim Remedial Measures Summary

3.1 PRE-EXCAVATION SOIL BORINGS AND SIDEWALL DOCUMENTATION SAMPLING

Haley & Aldrich engaged NYEG Drilling, LLC of Brewerton, New York (NYEG) to advance soil borings using direct-push drilling methods for collection of documentation sidewall samples from the perimeter of the surveyed excavation limits prior to IRM construction activities, in accordance with the IRMWP. Soil borings were advanced by direct-push methods approximately every 30 linear feet along the perimeter of the approved limits of the large excavation area, and on each sidewall of the two smaller excavation areas, as shown on Figure 4. Soil borings were not advanced along excavation sidewalls of the larger excavation area abutting Lot 3B to the south, since this area was previously excavated and backfilled in 2016 by the Multistate Trust.

Soil borings were advanced to the confining clay layer, approximately 10 to 12 feet bgs using a direct-push drill rig between May 1 and May 2, 2019. Recovered soils were screened for visual evidence of creosote-saturated soil and logged using procedures outlined in the 2017 Supplemental Investigation of Lot 3A (Haley & Aldrich, 2018a). Creosote saturation was identified in three soil borings located in the northeast corner of the large excavation area (borings HA-DOC3A-18, HA-DOC3A-18B and HA-DOC3A-18C; see Figure 4). Following consultation with the NYSDEC and Nortek representatives, step-out borings were advanced on May 16, 2019 to delineate the lateral and vertical extent of additional creosote-saturated soils to the east of the proposed large excavation area, which were designated as cell A and cell B3. Boring logs are included in Appendix C.

During a conference call on June 3, 2019 attended by representatives of the Multistate Trust, the NYSDEC, and the NYSDOH, the NYSDEC requested excavation of cells A and B3. The excavation limits were determined based on the boring data and marked in the field.

In accordance with the IRMWP, sixteen (16) sidewall documentation samples were collected from soil borings (see Figure 4). Samples were collected from either the most visually contaminated interval of the boring or approximately from the top of the water table, if no visual contamination was observed. Samples were analyzed for target compounds list (TCL) volatile organic compounds (VOCs; Method 8260), and TCL semi-volatile organic compounds (SVOCs; Method 8270), in accordance with the sampling and analysis plan set forth in the IRMWP. A sampling and analysis summary is included in Table I. Documentation sample analytical results are provided in Table II. A narrative summary of the data results is provided in Section 3.4.

3.2 REMEDIAL EXCAVATION

Remediation construction activities were conducted by Paragon with oversight by HCS and documentation by Haley & Aldrich personnel between June 17, 2019 and September 26, 2019 in accordance with the IRMWP (Haley & Aldrich, 2018b). Field activities were documented in a photographic log (see Appendix D for select photographs).

3.2.1 Limits of Excavation

The lateral limits of remedial excavations completed during the IRM are shown on Figures 3 and 4. Vertical extents of excavation were to the top of the confining clay layer, approximately 7.5 to 10 feet

bgs, or to the top of concrete slabs left in place. Remedial excavation limits were expanded beyond those proposed in the IRMWP to include an additional approximately 688-square foot area northeast of the larger excavation area identified as excavation "cells" A, B3, and 2A in Figure 4.

3.2.2 Excavation and Materials Management

For purposes of construction sequencing and water management, the remedial excavation areas were planned to be subdivided into sixteen (16) "cells" as shown on Figure 4. Excavation of creosote-impacted materials was facilitated by interlocking sheet piles installed at the perimeter of the pre-defined excavation cells. Due to the proximity to the Nortek building and the shallow target depth excavation, cell A was completed without sheet piles. Upon completion of excavation and backfill (as described in Section 4.1) within a cell or area, sheet piles were removed and re-used to stabilize subsequent excavation cells.

Prior to the excavation of a cell, the asphalt surface was removed and stockpiled for recycling. Segregation of creosote-impacted soil from non-impacted soil and concrete within each cell was anticipated in the IRMWP but was not practically feasible because creosote impacts were not limited to discrete areas. Where practical, concrete removed during remedial excavations was broken in-place, resized, and mixed with impacted soil for disposal at a NYSDEC-permitted disposal facility.

Excavations were conducted between June 25, 2019 and September 9, 2019. Cell excavations began with cells 6 and 1 (Figure 4) to facilitate subsequent equipment access to the main excavation area, and to minimize disturbances to Nortek's operations (e.g., ingress/egress along the southern portion of the Nortek building). Following backfill of cells 6 and 1, excavation in the large excavation area commenced in cell A, generally progressed to the southwest, and finished in cell 5C (see Figure 4 for excavation layout). Excavated soil was temporarily stockpiled on Lot 3B, solidified with Quicklime, sampled and analyzed for Contained-In determination and landfill acceptance, covered with polyethylene sheeting, and subsequently loaded out for disposal, as described in Section 3.6.1. Steel rebar recovered during resizing of the concrete was segregated for recycling by Paragon, as described in Section 3.6.2.

3.2.3 Excavation Water Management

Shallow groundwater and precipitation resulted in water infiltration into the remedial excavations. As a result, dewatering was needed during active excavation. Temporary sumps were constructed of perforated, corrugated plastic pipe surrounded by washed stone. Excavation water was pumped using a 4-inch pump from the sumps into 20,000-gallon frac tanks located on Lot 3B. Upon filling a tank, the water was pumped through 50-micron, in-line bag filters into a clean tank, flocculated, and tested as described in Section 3.6.3 per disposal facility requirements. The sumps were removed from each excavation cell prior to backfilling.

3.2.4 Concrete Structures Left in Place

During remedial excavation activities, three concrete structures were encountered and left entirely or partially in place due to the infeasibility of excavation and removal. Written and/or verbal approvals to leave each concrete structure in place were obtained from NYSDEC. The locations of the concrete structures are shown on Figure 4, and their conditions are described below.

Excavation of the eastern portions of cell A on July 9, 2019 identified concrete floors and sub-walls at depths between approximately two and four feet bgs. Due to the proximity of the structure to the Nortek building, Haley & Aldrich concluded that excavation and removal of the concrete structure might compromise the structural integrity of the nearby building. NYSDEC provided subsequent verbal approval to leave the concrete structure in place, following the excavation and removal of overlying creosote-impacted soil and fill.

The excavation of cell 3A exposed a 1-foot thick concrete slab at a depth of approximately 6 feet bgs. Subsequent exploratory test pits indicated the slab extended more than 1,200 square feet across portions of excavation cells 3A, 3B, 4A, 4B, 5A, and 5B (Figure 4). Due to the difficulty of removing the concrete slab, a borehole (HA-DOC3A-SUBSLAB) was advanced through the slab and approximately one foot into the clay layer below, and a soil sample collected from beneath the slab to assess for the presence of creosote-saturation. Because visual evidence of creosote saturation was not observed in clay soils collected from the borehole, the concrete slab was left in place, and a documentation sample was collected and submitted for analysis of VOCs by EPA method 8260, SVOCs by EPA method 8270, and RCRA metals by EPA method 6010. Results are included in Appendix E and summarized in Table II.

During the excavation of soils along the boundary between cells 3B and 4B, an approximately 30-foot long and 1-foot thick concrete wall was encountered extending to depths greater than 12.5 feet bgs. The wall extended into the confining clay layer at the base of the remedial excavation identified at 8.5 ft bgs. Creosote-saturated soils were not observed within the clay surrounding the concrete wall. Following approval from NYSDEC, portions of the wall located above the clay layer were broken, excavated, and removed. Portions of the wall within the clay layer (below 8.5 feet bgs) were left in place.

3.3 POST-EXCAVATION BOTTOM DOCUMENTATION SAMPLING

Documentation samples were collected from the bottom of each excavation cell prior to backfilling as shown on Figure 4. The sample frequency was in general accordance with DER-10 guidance. Bottom documentation samples were collected from cell 6 (284 square feet) and cell 1 (400 square feet). Thirteen bottom documentation samples were collected from cells within the larger excavation area, at a frequency of one sample per approximately 808 square feet of excavation bottom area. One combined sample was collected from cells 2A and B3. A single documentation sample was collected from clay soils observed during the advancement of soil boring HA-DOC3A-SUBSLAB through the concrete slab described in Section 3.2.4, above. Documentation samples were collected from the clay layer encountered at the bottom of each excavation cell.

Bottom documentation samples were analyzed for VOCs by EPA method 8260, SVOCs by EPA method 8270, and RCRA metals by EPA method 6010. A sampling and analysis summary is included in Table I. The results are presented in Table II and narratively summarized in Section 3.4 below.

3.4 DOCUMENTATION SAMPLE DATA VALIDATION AND SUMMARY

Documentation samples were validated by Haley & Aldrich, in accordance with the IRMWP. Data reports and data usability summary reports are included in Appendix E. Table II includes a summary of sidewall and bottom documentation sample results. Table II also includes the NYSDEC Part 375 Soil Cleanup Objectives (SCOs) restricted for commercial and industrial use (NYSDEC, 2006; NYSDEC, 2010b) for comparison purposes. While the SCOs for commercial and industrial use are presented as comparison

criteria for the documentation samples in Table II, these criteria were not used as remedial objectives for this IRM.

The compounds detected above one or both SCOs included:

- Several high molecular weight PAHs were detected above the SCOs in five of the sidewall samples and two bottom samples; and
- Naphthalene and phenanthrene, likely related to creosote, were detected above the SCOs in three sidewall samples: DOC3A-02, DOC3A-10, DOC3A-111. Low to moderate impacts from creosote were observed in those three boring locations during the pre-construction documentation sampling (see Boring Logs, Appendix C).

3.5 MONITORING WELL ABANDONMENT

During construction planning associated with the IRM, a monitoring well installed by Plumley, designated MW-4 (Figure 4), was identified as likely to be impacted by planned construction activities. A revised Lot 3A IRMWP Addendum dated June 19, 2019 was submitted to NYSDEC for decommissioning of the well. The Revised Lot 3A IRMWP Addendum was approved by NYSDEC on June 27, 2019.

On July 12, 2019, NYEG decommissioned monitoring well MW-4 in accordance with NYSDEC Commissioners Policy (CP) 43 – Groundwater Monitoring Well Decommissioning Policy, issued November 3, 2009 (NYSDEC, 2009). During well decommissioning, the bottom plug (12 feet bgs) of the well was broken and grout was mixed and tremied to the bottom of the well casing. Subsequently, an excavator pulled the well casing out of the ground, depositing grout in the remaining hole.

3.6 WASTE DISPOSAL

Contained-In determination request letters were submitted to the NYSDEC for creosote-impacted soil and wastewater to be removed from the Site. Upon receipt of contained-in determinations, waste materials were disposed of in accordance with the conditions of the contained-in determinations. Table III summarizes the quantities of soil wastes removed for disposal and identifies the disposal facility and any associated conditions of the contained-in determinations.

Waste material generated as part of this IRM was disposed of at the following facilities:

- WPCF via the sanitary sewer (water); and
- Oneida Herkimer Solid Waste Authority (OHSWA) of Boonville, New York (soil).

Contained-in request letters, analytical data, and determinations regarding the same are included in Appendix B. Waste disposal documentation, including weight tickets and manifests, are included in Appendix F. A sampling and analysis summary is included in Table I.

3.6.1 Impacted Soil

Creosote-impacted soil was disposed of at OHSWA. Wet materials were mixed with Quicklime to reduce moisture content to facilitate proper transport and disposal of the material. A total of 5,747.95 tons of impacted soil were removed from the Site and disposed of at OHSWA under profile number CS071909 (see Table III).

3.6.2 Non-Creosote Contaminated Materials (Asphalt and Sub-base)

To facilitate grading and paving of the Lot 3A parking lot following IRM excavation activities, approximately 588 cubic yards of asphalt and 1,228.31 tons of non-creosote-impacted gravel and sand asphalt sub-base materials were excavated and staged on the Site for disposal or recycling. The asphalt sub-base materials from areas outside of the remedial excavations were sampled on August 29, 2019 and tested for parameters required by OSHWA for profiling purposes. Following landfill approval, the asphalt sub-base materials were disposed of at OHSWA between September 17 and 18, 2019, under profile number CS091906. Stockpiled asphalt was recycled at Hanson Aggregates in Oriskany Falls, New York, on September 11 and 12, 2019.

3.6.3 Water

Water pumped from remedial excavations was periodically discharged to the City of Rome sanitary sewer under Permit HAL-1920 issued by the WPCF. Prior to discharge, recovered water was filtered and flocculated onsite to remove solids so that Total Suspended Solids (TSS) levels were below the maximum threshold for acceptance by the WPCF. Water was staged onsite in 20,000-gallon frac tanks, pending sampling required for discharge to the City of Rome sanitary sewer. Analyses were performed per the requirements and acceptance criteria of the WPCF Permit HAL-1920, which is included in Appendix A. Analytical parameters were as follows:

- Total Toxic Organics (TTO) by EPA method 624;
- Total SVOCs by EPA method 625;
- EPA Priority Pollutant metals by EPA method 6020 (mercury by 1631);
- TSS by EPA method 2540; and
- pH.

A total of 283,003 gallons were discharged to the City of Rome sanitary sewer at the designated manhole along Success Drive (see Figure 3) between July 31, 2019 and September 4, 2019. Upon completion of excavation activities, water filtration and holding tanks were decontaminated by Paragon. Residual solids were incorporated with impacted soil material and removed for disposal.

3.6.4 Recyclable Metals

Recyclable metals (steel fragments, rebar) were segregated by Paragon throughout IRM activities and shipped to Empire Recycling of Utica, New York on September 25, 2019.

3.7 COMMUNITY AIR MONITORING PROGRAM

Community air monitoring was conducted during excavation activities per the NYSDOH Community Air Monitoring Plan (CAMP). Air monitoring was conducted for both particulates and VOC emissions. Exceedances were not noted on the air monitors during excavation activities. CAMP monitoring results are summarized in Appendix G.

3.8 VIBRATION MONITORING

During sheet pile installation and removal activities, Haley & Aldrich monitored vibrations using a sensor placed along the southern side of the Nortek building. Vibration monitoring results, reported as peak particle velocity in inches per second (in/sec) based on the frequency of vibrations, were compared to generally accepted reference material for vibration limits during sheet pile installation. Measured vibrations did not exceed vibration limits during sheet pile installation and removal activities.

4. Backfill and Site Restoration

4.1 MATERIAL IMPORT AND BACKFILL

Material imported to the Site for use in excavation backfilling and general construction/grading activities included washed #1/#2, #2/#3 stone, #3/#4 stone, and crusher run, sourced from Hanson Plant 40612 (NYSDOT Approved Source 2-9R). Chemical testing of the imported material was not required, based on import material testing requirements of DER-10 Section 5.4(e)5, specifically that less than 10 percent of the material by weight passed the #80 sieve. NYSDEC approved the use of the imported materials on the Site on June 18 and 25, 2019.

Backfilling of the IRM excavation areas with import materials was conducted upon completion of excavation within each cell and the collection of the cell-specific bottom documentation soil sample. IRM excavation backfilling was periodically conducted between June 27, 2019 and September 12, 2019.

Between September 12 and 18, 2019, imported backfill was also placed throughout the portion of the Lot 3A parking lot to be repaved as part of surface restoration activities described in Section 4.2 (see Figure 5). Compactive effort was applied to the backfill material with multiple passes of a Sakai SV505 12-ton single-drum vibratory roller to minimize uneven settling and support the continued use of the area as a paved parking lot.

Import material documentation, including sieve analyses, weight tickets, and material source permits are included in Appendix H. An import material summary is provided on Table IV.

4.2 SURFACE RESTORATION

Following excavation and earthwork activities conducted under the IRM, approximately 39,048 square feet of the Lot 3A parking lot (see Figure 5), including the IRM excavation areas, were graded and re-paved by Todd Paving, a subsidiary of Paragon.

5. Site Engineering Controls and Future Site Management

The remedial actions described in this report have achieved removal of soil/fill material from Lot 3A that contained visual evidence of creosote impacts, as described in the IRMWP (Haley & Aldrich, 2018b). Subsurface impact remains beneath the paved parking lot and the Nortek building. The pavement and building serve as barriers to exposure and should be maintained

References

1. New York State Department of Environmental Conservation (NYSDEC), 2010a. DER-10 Technical Guidance for Site Investigation and Remediation. Division of Environmental Remediation, May 2010.

2. New York State Department of Environmental Conservation, 2009. Commissioners Policy – CP-43/Groundwater Monitoring Well Decommissioning Policy, 3 November 2009.

3. New York State Department of Environmental Conservation, 2010b. Commissioners Policy – CP-51/Soil Cleanup Guidance, 21 October 2010.

4. New York State Department of Environmental Conservation (NYSDEC), 2006. 6 NYCRR Part 375 Environmental Remediation Programs Subparts 375-1 to 375-4 and 375-6. Division of Environmental Remediation, December 2006.

5. Haley & Aldrich of New York, 2017. Interim Remedial Measures Construction Completion Report Lot 3B, Former Federal Creosote Site, Rome, New York, VCA #V00612, dated 7 August 2017.

6. Haley & Aldrich of New York, 2018a. Supplemental Investigation Summary Report, Former Federal Creosote Site, Rome, New York, dated January 31, 2018.

7. Haley & Aldrich of New York, 2018b. Revised Lot 3A Interim Remedial Measures Work Plan, Former Federal Creosote Site, Rome, New York, dated August 10, 2018.

8. Haley & Aldrich of New York, 2019. Revised Lot 3A Interim Remedial Measures Work Plan Addendum, Monitoring Well Decommissioning, Former Federal Creosote Site, Rome, New York, dated June 19, 2019.

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TABLES

TABLE I
SAMPLING AND ANALYSIS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Sample Description	Analytical Laboratory	Laboratory Job No.	Date Sample Collected	No. of Samples	Analysis Suite (see last page)	Sample ID Prefix	Contained-In Documentation			
							Request ID	Request Sent	Response Received	Determination
Stockpile Contained-In	Alpha Analytical	L1929111	7/2/2019	1	Contained-In	SP-01	190710-0001	7/10/2019	7/16/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1929113	7/2/2019	1	Non-Hazardous	SP-01	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1930539	7/11/2019	1	Contained-In	SP-02	190717-0001	7/17/2019	7/17/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1930520	7/11/2019	1	Non-Hazardous	SP-02	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1931910	7/18/2019	1	Contained-In	SP-03	190724-0001	7/24/2019	7/24/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1931909	7/18/2019	1	Non-Hazardous	SP-03	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1932846	7/24/2019	1	Contained-In	SP-04	190730-0001	7/30/2019	7/30/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1932848	7/24/2019	1	Non-Hazardous	SP-04	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1934867	8/5/2019	1	Contained-In	SP-05	190809-0001	8/9/2019	8/12/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1934888	8/5/2019	1	Non-Hazardous	SP-05	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1934867	8/5/2019	1	Contained-In	SP-06	190809-0001	8/9/2019	8/12/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1934888	8/5/2019	1	Non-Hazardous	SP-06	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1935571	8/8/2019	1	Contained-In	SP-07	190814-0001	8/14/2019	8/15/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1935768	8/8/2019	1	Non-Hazardous	SP-07	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1937005	8/15/2019	1	Contained-In	SP-08	190821-0001	8/21/2019	8/22/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1937006	8/15/2019	1	Non-Hazardous	SP-08	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1937704	8/20/2019	1	Contained-In	SP-09	190823-0001	8/21/2019	8/27/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1937703	8/20/2019	1	Non-Hazardous	SP-09	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1938502	8/23/2019	1	Contained-In	SP-10	190829-0001	8/29/2019	8/30/2019*	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1938500	8/23/2019	1	Non-Hazardous	SP-10	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1938984	8/27/2019	1	Contained-In	SP-11	190904-0001	9/4/2019	9/6/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1938950	8/27/2019	1	Non-Hazardous	SP-11	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1939218	8/28/2019	1	Contained-In	SP-12	190904-0002	9/4/2019	9/6/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1939219	8/28/2019	1	Non-Hazardous	SP-12	NA	NA	NA	NA
Stockpile Contained-In	Alpha Analytical	L1940276	9/4/2019	1	Contained-In	SP-13	190910-0001	9/10/2019	9/11/2019	Approved, conditioned on disposal at OHSWA
Characterization for OHSWA	Alpha Analytical	L1939867	8/30/2019	1	Non-Hazardous	SP-13	NA	NA	NA	NA
Characterization for OHSWA	Alpha Analytical	L1939570	8/29/2019	1	Non-Hazardous	LOT3A-ASPHALT-01	NA	NA	NA	NA
Characterization for OHSWA	Alpha Analytical	L1939570	8/29/2019	1	Non-Hazardous	LOT3A-ASPHALT-02	NA	NA	NA	NA
Characterization for OHSWA	Alpha Analytical	L1939570	8/29/2019	1	Non-Hazardous	LOT3A-ASPHALT-03	NA	NA	NA	NA
Characterization for OHSWA	Alpha Analytical	L1939570	8/29/2019	1	Non-Hazardous	LOT3A-ASPHALT-04	NA	NA	NA	NA
Characterization for OHSWA	Alpha Analytical	L1939570	8/29/2019	1	Non-Hazardous	LOT3A-ASPHALT-05	NA	NA	NA	NA
Wastewater Characterization	Alpha Analytical	L1931908	7/18/2019	1	Wastewater[1]	WW-01	NA	NA	NA	NA
Wastewater Characterization	Alpha Analytical	L1932850	7/24/2019	1	Wastewater[1]	WW-02	NA	NA	NA	NA
Wastewater Characterization	Alpha Analytical	L1934330	8/1/2019	1	Wastewater[1]	WW-03	NA	NA	NA	NA
Wastewater Characterization	Alpha Analytical	L1936131	8/12/2019	1	Wastewater[1]	WW-04	NA	NA	NA	NA
Wastewater Characterization	Alpha Analytical	L1937384	8/19/2019	1	Wastewater[1]	WW-05	NA	NA	NA	NA
Wastewater Characterization	Alpha Analytical	L1938656	8/26/2019	1	Wastewater[1]	WW-06	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918111	5/1/2019	1	Documentation sidewall	DOC3A-01	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918111	5/1/2019	1	Documentation sidewall	DOC3A-02	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918111	5/1/2019	1	Documentation sidewall	DOC3A-03	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918111	5/1/2019	1	Documentation sidewall	DOC3A-04	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918111	5/1/2019	1	Documentation sidewall	DOC3A-05A	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918111	5/1/2019	1	Documentation sidewall	DOC3A-06	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-07	NA	NA	NA	NA

TABLE I
SAMPLING AND ANALYSIS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Sample Description	Analytical Laboratory	Laboratory Job No.	Date Sample Collected	No. of Samples	Analysis Suite (see last page)	Sample ID Prefix	Contained-In Documentation			
							Request ID	Request Sent	Response Received	Determination
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-08	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-09	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-10	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-11	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-12	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-13	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-14	NA	NA	NA	NA
Documentation	Alpha Analytical	L1918379	5/2/2019	1	Documentation sidewall	DOC3A-21	NA	NA	NA	NA
Documentation	Alpha Analytical	L1920729	5/16/2019	1	Documentation sidewall	DOC3A-111	NA	NA	NA	NA
Documentation	Alpha Analytical	L1928243	6/27/2019	1	Documentation bottom	DOC3A-CELL6	NA	NA	NA	NA
Documentation	Alpha Analytical	L1929112	7/2/2019	1	Documentation bottom	DOC3A-CELL1	NA	NA	NA	NA
Documentation	Alpha Analytical	L1929540	7/8/2019	1	Documentation bottom	DOC3A-CELLA	NA	NA	NA	NA
Documentation	Alpha Analytical	L1929831	7/9/2019	1	Documentation bottom	DOC3A-CELL2A/B3	NA	NA	NA	NA
Documentation	Alpha Analytical	L1931015	7/15/2019	1	Documentation bottom	DOC3A-CELL2B	NA	NA	NA	NA
Documentation	Alpha Analytical	L1932289	7/22/2019	1	Documentation bottom	DOC3A-CELL2C	NA	NA	NA	NA
Documentation	Alpha Analytical	L1934621	8/2/2019	1	Documentation bottom	DOC3A-CELL3A	NA	NA	NA	NA
Documentation	Alpha Analytical	L1935122	8/6/2019	1	Documentation bottom	DOC3A-CELL4A	NA	NA	NA	NA
Documentation	Alpha Analytical	L1935121	8/6/2019	1	Documentation bottom	DOC3A-CELL5A	NA	NA	NA	NA
Documentation	Alpha Analytical	L1937007	8/15/2019	1	Documentation bottom	DOC3A-CELL3B	NA	NA	NA	NA
Documentation	Alpha Analytical	L1937385	8/19/2019	1	Documentation bottom	DOC3A-CELL3C	NA	NA	NA	NA
Documentation	Alpha Analytical	L1937386	8/17/2019	1	Documentation bottom	DOC3A-CELL4B-SUBSLAB	NA	NA	NA	NA
Documentation	Alpha Analytical	L1938501	8/23/2019	1	Documentation bottom	DOC3A-CELL4B	NA	NA	NA	NA
Documentation	Alpha Analytical	L1938949	8/27/2019	1	Documentation bottom	DOC3A-CELL4C	NA	NA	NA	NA
Documentation	Alpha Analytical	L1938951	8/27/2019	1	Documentation bottom	DOC3A-CELL5B	NA	NA	NA	NA
Documentation	Alpha Analytical	L1939870	8/30/2019	1	Documentation bottom	DOC3A-CELL5C	NA	NA	NA	NA

Notes:

[1] Contained-In determination via "Generic Contained-In Determination Request for the discharge of groundwater", dated 31 July 2019

* Contained-in approval letter revised and re-issued by NYSDEC on 11 September 2019 with corrected laboratory Sample ID

NA: Not Applicable

OHSWA: Oneida Herkimer Solid Waste Authority

Sample Analysis Suites:

Contained-In ("CI") = Total & TCLP SVOCs (1311/8270); Total & TCLP RCRA Metals (1311/6010); TCLP VOCs (1311/8260), Corrosivity (pH)

Non-Hazardous ("NH") = TCLP Herbicides (1311/8151) and Pesticides (1311/8081); PCBs (8082); Reactivity; pH (9045); Percent Solids (2540), Paint Filter, Ignitability, Flash

Wastewater ("WW") = SVOCs (625); PP Metals (6020); Mercury (1631); Total Toxic Organics (624); Total Suspended Solids (2540), pH

Documentation sidewall ("DOC3A-01") = VOCs (8260); SVOCs (8270)

Documentation bottom ("DOC3A-CELL") = VOCs (8260); SVOCs (8270), RCRA Metals (6010)

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			DOC3A-01	DOC3A-02	DOC3A-03	DOC3A-04	DOC3A-05
Sample Date	NYSDEC	NYSDEC	05/01/2019	05/01/2019	05/01/2019	05/01/2019	05/01/2019
Sample Type	Part 375	Part 375	N	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	3 - 3.6 (ft)	2 - 3 (ft)	5 - 6 (ft)	6 - 7 (ft)	2 - 3 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-01-190501-1035	DOC3A-02-190501-1210	DOC3A-03-190501-1315	DOC3A-04-190501-1345	DOC3A-05-190501-1550
Inorganic Compounds (mg/kg)							
Arsenic	16	16	-	-	-	-	-
Barium	400	10000	-	-	-	-	-
Cadmium	9.3	60	-	-	-	-	-
Chromium	-	-	-	-	-	-	-
Lead	1000	3900	-	-	-	-	-
Mercury	2.8	5.7	-	-	-	-	-
Selenium	1500	6800	-	-	-	-	-
Silver	1500	6800	-	-	-	-	-
Other (%)							
Total Solids	-	-	**85.4**	**82.1**	**78.5**	**81.1**	**81.7**
Semi-Volatile Organic Compounds (ug/kg)							
1,2,4,5-Tetrachlorobenzene	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2,2'-oxybis(1-Chloropropane)	-	-	ND (230)	ND (30000)	ND (250)	ND (240)	ND (960)
2,3,4,6-Tetrachlorophenol	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2,4,5-Trichlorophenol	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2,4,6-Trichlorophenol	-	-	ND (110)	ND (15000)	ND (120)	ND (120)	ND (480)
2,4-Dichlorophenol	-	-	ND (170)	ND (22000)	ND (190)	ND (180)	ND (720)
2,4-Dimethylphenol	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2,4-Dinitrophenol	-	-	ND (910)	ND (120000)	ND (1000)	ND (960)	ND (3800)
2,4-Dinitrotoluene	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2,6-Dinitrotoluene	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2-Chloronaphthalene	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2-Chlorophenol	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2-Methylnaphthalene	-	-	ND (230)	**320000**	**160 J**	ND (240)	**2100**
2-Methylphenol (o-Cresol)	500000	1000000	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2-Nitroaniline	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
2-Nitrophenol	-	-	ND (410)	ND (53000)	ND (450)	ND (430)	ND (1700)
3&4-Methylphenol	-	-	ND (270)	ND (36000)	ND (300)	ND (290)	ND (1200)
3,3'-Dichlorobenzidine	-	-	ND (190) J	ND (25000) J	ND (210) J	ND (200) J	ND (800) J
3-Nitroaniline	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
4,6-Dinitro-2-methylphenol	-	-	ND (490)	ND (64000)	ND (540)	ND (520)	ND (2100)
4-Bromophenyl phenyl ether	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
4-Chloro-3-methylphenol	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
4-Chloroaniline	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
4-Chlorophenyl phenyl ether	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
4-Nitroaniline	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
4-Nitrophenol	-	-	ND (270)	ND (34000)	ND (290)	ND (280)	ND (1100)
Acenaphthene	500000	1000000	**190**	**300000**	**180**	**350**	**7000**
Acenaphthylene	500000	1000000	ND (150)	**14000 J**	ND (160)	ND (160)	**740**
Acetophenone	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Anthracene	500000	1000000	ND (110)	**110000**	ND (120)	ND (120)	**14000**
Atrazine	-	-	ND (150)	ND (20000)	ND (160)	ND (160)	ND (640)
Benzaldehyde	-	-	ND (250)	ND (32000)	ND (270)	ND (260)	ND (1100)
Benzo(a)anthracene	5600	11000	ND (110)	**120000 [AB]**	**33 J**	ND (120)	**26000 [AB]**
Benzo(a)pyrene	1000	1100	ND (150)	**45000 [AB]**	ND (160)	ND (160)	**21000 [AB]**
Benzo(b)fluoranthene	5600	11000	ND (110)	**70000 [AB]**	ND (120)	ND (120)	**30000 [AB]**
Benzo(g,h,i)perylene	500000	1000000	ND (150)	**12000 J**	ND (160)	ND (160)	**10000**
Benzo(k)fluoranthene	56000	110000	ND (110)	**22000**	ND (120)	ND (120)	**6500**
Biphenyl	-	-	ND (430) J	**76000 J**	**160 J**	**110 J**	**560 J**
bis(2-Chloroethoxy)methane	-	-	ND (200)	ND (27000)	ND (220)	ND (220)	ND (870)
bis(2-Chloroethyl)ether	-	-	ND (170)	ND (22000)	ND (190)	ND (180)	ND (720)
bis(2-Ethylhexyl)phthalate	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Butyl benzylphthalate	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Caprolactam	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Carbazole	-	-	ND (190) J	**26000 J**	**450 J**	**22 J**	**5700 J**
Chrysene	56000	110000	ND (110)	**68000 [A]**	**25 J**	ND (120)	**21000**
Dibenz(a,h)anthracene	560	1100	ND (110)	**4000 J [AB]**	ND (120)	ND (120)	**2900 [AB]**
Dibenzofuran	350000	1000000	**45 J**	**250000**	**360**	**72 J**	**5900**
Diethyl phthalate	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Dimethyl phthalate	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Di-n-butylphthalate	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Di-n-octyl phthalate	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Fluoranthene	500000	1000000	ND (110)	**400000**	**79 J**	ND (120)	**46000**
Fluorene	500000	1000000	**97 J**	**300000**	**210**	**21 J**	**10000**
Hexachlorobenzene	6000	12000	ND (110)	ND (15000)	ND (120)	ND (120)	ND (480)
Hexachlorobutadiene	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Hexachlorocyclopentadiene	-	-	ND (540)	ND (70000)	ND (590)	ND (570)	ND (2300)
Hexachloroethane	-	-	ND (150)	ND (20000)	ND (160)	ND (160)	ND (640)
Indeno(1,2,3-cd)pyrene	5600	11000	ND (150)	**16000 J [AB]**	ND (160)	ND (160)	**12000 [AB]**
Isophorone	-	-	ND (170)	ND (22000)	ND (190)	ND (180)	ND (720)
Naphthalene	500000	1000000	**32 J**	**840000 [A]**	**2200**	**780**	**4700**
Nitrobenzene	69000	140000	ND (170)	ND (22000)	ND (190)	ND (180)	ND (720)
N-Nitrosodi-n-propylamine	-	-	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
N-Nitrosodiphenylamine	-	-	ND (150)	ND (20000)	ND (160)	ND (160)	ND (640)
Pentachlorophenol	6700	55000	ND (150)	ND (20000)	ND (160)	ND (160)	ND (640)
Phenanthrene	500000	1000000	**66 J**	**710000 [A]**	**270**	ND (120)	**49000**
Phenol	500000	1000000	ND (190)	ND (25000)	ND (210)	ND (200)	ND (800)
Pyrene	500000	1000000	ND (110)	**280000**	**51 J**	ND (120)	**32000**

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			DOC3A-01	DOC3A-02	DOC3A-03	DOC3A-04	DOC3A-05
Sample Date	NYSDEC	NYSDEC	05/01/2019	05/01/2019	05/01/2019	05/01/2019	05/01/2019
Sample Type	Part 375	Part 375	N	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	3 - 3.6 (ft)	2 - 3 (ft)	5 - 6 (ft)	6 - 7 (ft)	2 - 3 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-01-190501-1035	DOC3A-02-190501-1210	DOC3A-03-190501-1315	DOC3A-04-190501-1345	DOC3A-05-190501-1550
Volatile Organic Compounds (ug/kg)							
1,1,1-Trichloroethane	500000	1000000	ND (0.5)	ND (16000)	ND (0.44)	ND (66)	ND (0.67)
1,1,2,2-Tetrachloroethane	-	-	ND (0.5)	ND (16000)	ND (0.44)	ND (66)	ND (0.67)
1,1,2-Trichloroethane	-	-	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
1,1-Dichloroethane	240000	480000	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
1,1-Dichloroethene	500000	1000000	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
1,2,3-Trichlorobenzene	-	-	ND (2)	ND (63000)	ND (1.8)	ND (260)	ND (2.7)
1,2,4-Trichlorobenzene	-	-	ND (2)	ND (63000)	ND (1.8)	ND (260)	ND (2.7)
1,2,4-Trimethylbenzene	190000	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	-	ND (3)	ND (95000)	ND (2.6)	ND (400)	ND (4)
1,2-Dibromoethane (Ethylene Dibromide)	-	-	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
1,2-Dichlorobenzene	500000	1000000	ND (2)	ND (63000)	ND (1.8)	ND (260)	ND (2.7)
1,2-Dichloroethane	30000	60000	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
1,2-Dichloroethene (total)	-	-	-	-	-	-	-
1,2-Dichloropropane	-	-	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
1,3,5-Trimethylbenzene	190000	380000	-	-	-	-	-
1,3-Dichlorobenzene	280000	560000	ND (2)	ND (63000)	ND (1.8)	ND (260)	ND (2.7)
1,3-Dichloropropene	-	-	-	-	-	-	-
1,4-Dichlorobenzene	130000	250000	ND (2)	ND (63000)	ND (1.8)	ND (260)	ND (2.7)
1,4-Dioxane	130000	250000	ND (80)	ND (2500000)	ND (70)	ND (10000)	ND (110)
2-Butanone (Methyl Ethyl Ketone)	500000	1000000	**20**	ND (320000)	**8.5 J**	ND (1300)	**30**
2-Hexanone	-	-	ND (10)	ND (320000)	ND (8.8)	ND (1300)	ND (13)
2-Phenylbutane (sec-Butylbenzene)	500000	1000000	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (10)	ND (320000)	ND (8.8)	ND (1300)	ND (13)
Acetone	500000	1000000	**120**	ND (320000)	**58**	**760 J**	ND (13)
Benzene	44000	89000	**0.2 J**	ND (16000)	**0.37 J**	ND (66)	ND (0.67)
Bromodichloromethane	-	-	ND (0.5)	ND (16000)	ND (0.44)	ND (66)	ND (0.67)
Bromoform	-	-	ND (4)	ND (130000)	ND (3.5)	ND (530)	ND (5.4)
Bromomethane (Methyl Bromide)	-	-	ND (2)	ND (63000)	ND (1.8)	ND (260)	**13**
Carbon disulfide	-	-	ND (10)	ND (320000)	**4.9 J**	ND (1300)	ND (13)
Carbon tetrachloride	22000	44000	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
Chlorobenzene	500000	1000000	ND (0.5)	ND (16000)	ND (0.44)	ND (66)	ND (0.67)
Chlorobromomethane	-	-	ND (2)	ND (63000)	ND (1.8)	ND (260)	ND (2.7)
Chloroethane	-	-	ND (2)	ND (63000)	ND (1.8)	ND (260)	ND (2.7)
Chloroform (Trichloromethane)	350000	700000	ND (1.5)	ND (47000)	ND (1.3)	ND (200)	**0.22 J**
Chloromethane (Methyl Chloride)	-	-	ND (4)	ND (130000)	ND (3.5)	ND (530)	**2.3 J**
cis-1,2-Dichloroethene	500000	1000000	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
cis-1,3-Dichloropropene	-	-	ND (0.5)	ND (16000)	ND (0.44)	ND (66)	ND (0.67)
Cyclohexane	-	-	ND (10)	ND (320000)	ND (8.8)	ND (1300)	ND (13)
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	-
Dibromochloromethane	-	-	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
Dichlorodifluoromethane (CFC-12)	-	-	ND (10)	ND (320000)	ND (8.8)	ND (1300)	ND (13)
Ethylbenzene	390000	780000	ND (1)	**11000 J**	**0.38 J**	**71 J**	**0.23 J**
Isopropylbenzene (Cumene)	-	-	ND (1)	**6300 J**	**0.81 J**	**78 J**	**1.9**
m,p-Xylenes	-	-	ND (2)	**33000 J**	**1.8**	ND (260)	**3.1**
Methyl acetate	-	-	**7.2**	ND (130000)	ND (3.5)	**1600**	**130**
Methyl cyclohexane	-	-	ND (4)	ND (130000)	ND (3.5)	ND (530)	ND (5.4)
Methyl Tert Butyl Ether	500000	1000000	ND (2)	ND (63000)	ND (1.8)	ND (260)	ND (2.7)
Methylene chloride	500000	1000000	ND (5)	ND (160000)	ND (4.4)	ND (660)	ND (6.7)
Naphthalene	500000	1000000	**180**	**11000000** [AB]	**4800**	**11000**	**27**
n-Butylbenzene	500000	1000000	-	-	-	-	-
n-Propylbenzene	500000	1000000	-	-	-	-	-
o-Xylene	-	-	**0.32 J**	**13000 J**	**1.5**	**49 J**	**1.8**
Styrene	-	-	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
tert-Butylbenzene	500000	1000000	-	-	-	-	-
Tetrachloroethene	150000	300000	ND (0.5)	ND (16000)	ND (0.44)	ND (66)	ND (0.67)
Toluene	500000	1000000	ND (1)	ND (32000)	**0.55 J**	ND (130)	**1.7**
trans-1,2-Dichloroethene	500000	1000000	ND (1.5)	ND (47000)	ND (1.3)	ND (200)	ND (2)
trans-1,3-Dichloropropene	-	-	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
Trichloroethene	200000	400000	ND (0.5)	ND (16000)	ND (0.44)	ND (66)	ND (0.67)
Trichlorofluoromethane (CFC-11)	-	-	ND (4)	ND (130000)	ND (3.5)	ND (530)	ND (5.4)
Trifluorotrichloroethane (Freon 113)	-	-	ND (4)	ND (130000)	ND (3.5)	ND (530)	ND (5.4)
Vinyl chloride	13000	27000	ND (1)	ND (32000)	ND (0.88)	ND (130)	ND (1.3)
Xylene (total)	500000	1000000	-	-	-	-	-

Notes:
1. Data shown in red exceed one or more of the following New York State Department of Environmental Conservation Part 375 Soil Criteria
   [A] - Commercial
   [B] - Industrial
2. ND = Not detected above detection limit shown
   J = Estimated value
3. Results in **bold** were detected.
4. ug/kg = micrograms per kilogram
   mg/kg = milligrams per kilogram
5. Data has been validated by Haley & Aldrich of New York

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			DOC3A-06	DOC3A-07	DOC3A-08	DOC3A-08	DOC3A-09
Sample Date	NYSDEC	NYSDEC	05/01/2019	05/02/2019	05/02/2019	05/02/2019	05/02/2019
Sample Type	Part 375	Part 375	N	N	N	FD	N
Sample Depth (bgs)	Commercial	Industrial	8.2 - 9 (ft)	0.5 - 1.5 (ft)	8.5 - 9.5 (ft)	8.5 - 9.5 (ft)	5 - 9 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-06-190501-1630	DOC3A-07-190502-0830	DOC3A-08-190502-0930	1234-190502-0002	DOC3A-09-190502-1030
Inorganic Compounds (mg/kg)							
Arsenic	16	16	-	-	-	-	-
Barium	400	10000	-	-	-	-	-
Cadmium	9.3	60	-	-	-	-	-
Chromium	-	-	-	-	-	-	-
Lead	1000	3900	-	-	-	-	-
Mercury	2.8	5.7	-	-	-	-	-
Selenium	1500	6800	-	-	-	-	-
Silver	1500	6800	-	-	-	-	-
Other (%)							
Total Solids	-	-	**82.3**	**83.5**	**80**	**79.3**	**80**
Semi-Volatile Organic Compounds (ug/kg)							
1,2,4,5-Tetrachlorobenzene	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2,2'-oxybis(1-Chloropropane)	-	-	ND (240)	ND (230)	ND (1200)	ND (250)	ND (250)
2,3,4,6-Tetrachlorophenol	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2,4,5-Trichlorophenol	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2,4,6-Trichlorophenol	-	-	ND (120)	ND (120)	ND (610)	ND (120)	ND (120)
2,4-Dichlorophenol	-	-	ND (180)	ND (170)	ND (920)	ND (190)	ND (190)
2,4-Dimethylphenol	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2,4-Dinitrophenol	-	-	ND (960)	ND (930)	ND (4900)	ND (990)	ND (990)
2,4-Dinitrotoluene	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2,6-Dinitrotoluene	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2-Chloronaphthalene	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2-Chlorophenol	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2-Methylnaphthalene	-	-	**1400**	**570**	**8500 J**	**2700 J**	**26 J**
2-Methylphenol (o-Cresol)	500000	1000000	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2-Nitroaniline	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
2-Nitrophenol	-	-	ND (430)	ND (420)	ND (2200)	ND (450)	ND (450)
3&4-Methylphenol	-	-	ND (290)	ND (280)	ND (1500)	ND (300)	ND (300)
3,3'-Dichlorobenzidine	-	-	ND (200) J	ND (190)	ND (1000)	ND (210)	ND (210)
3-Nitroaniline	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
4,6-Dinitro-2-methylphenol	-	-	ND (520)	ND (500)	ND (2600)	ND (540)	ND (540)
4-Bromophenyl phenyl ether	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
4-Chloro-3-methylphenol	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
4-Chloroaniline	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
4-Chlorophenyl phenyl ether	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
4-Nitroaniline	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
4-Nitrophenol	-	-	ND (280)	ND (270)	ND (1400)	ND (290)	ND (290)
Acenaphthene	500000	1000000	**1500**	**420**	**7100 J**	**2500 J**	**57 J**
Acenaphthylene	500000	1000000	**46 J**	**310**	**690 J**	**230**	ND (160)
Acetophenone	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Anthracene	500000	1000000	**410**	**2600**	**2500 J**	**870 J**	ND (120)
Atrazine	-	-	ND (160)	ND (160)	ND (820)	ND (160)	ND (160)
Benzaldehyde	-	-	ND (260)	ND (260)	ND (1300)	ND (270)	ND (270)
Benzo(a)anthracene	5600	11000	**560**	**1400**	**2900 J**	**1100 J**	ND (120)
Benzo(a)pyrene	1000	1100	**240**	**1000**	**1100 J [A]**	**110 J**	ND (160)
Benzo(b)fluoranthene	5600	11000	**340**	**1800**	**1600 J**	**560 J**	ND (120)
Benzo(g,h,i)perylene	500000	1000000	**77 J**	**520**	**290 J**	**110 J**	ND (160)
Benzo(k)fluoranthene	56000	110000	**110 J**	**600**	**630**	**210**	ND (120)
Biphenyl	-	-	**390 J**	**110 J**	**1900 J**	**600**	ND (470)
bis(2-Chloroethoxy)methane	-	-	ND (220)	ND (210)	ND (1100)	ND (220)	ND (220)
bis(2-Chloroethyl)ether	-	-	ND (180)	ND (170)	ND (920)	ND (190)	ND (190)
bis(2-Ethylhexyl)phthalate	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Butyl benzylphthalate	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Caprolactam	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Carbazole	-	-	**380 J**	**1300**	**1800**	**1000**	**81 J**
Chrysene	56000	110000	**420**	**1400**	**2000 J**	**760 J**	ND (120)
Dibenz(a,h)anthracene	560	1100	**23 J**	**140**	ND (610)	**33 J**	ND (120)
Dibenzofuran	350000	1000000	**1300**	**760**	**6400 J**	**2400 J**	**84 J**
Diethyl phthalate	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Dimethyl phthalate	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Di-n-butylphthalate	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Di-n-octyl phthalate	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Fluoranthene	500000	1000000	**2200**	**3300**	**9700 J**	**3900 J**	**100 J**
Fluorene	500000	1000000	**1600**	**1200**	**7700 J**	**3000 J**	**78 J**
Hexachlorobenzene	6000	12000	ND (120)	ND (120)	ND (610)	ND (120)	ND (120)
Hexachlorobutadiene	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Hexachlorocyclopentadiene	-	-	ND (570)	ND (550)	ND (2900)	ND (590)	ND (590)
Hexachloroethane	-	-	ND (160)	ND (160)	ND (820)	ND (160)	ND (160)
Indeno(1,2,3-cd)pyrene	5600	11000	**92 J**	**600**	**410 J**	**130 J**	ND (160)
Isophorone	-	-	ND (180)	ND (170)	ND (920)	ND (190)	ND (190)
Naphthalene	500000	1000000	**3800**	**1800**	**22000 J**	**7700 J**	**230**
Nitrobenzene	69000	140000	ND (180)	ND (170)	ND (920)	ND (190)	ND (190)
N-Nitrosodi-n-propylamine	-	-	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
N-Nitrosodiphenylamine	-	-	ND (160)	ND (160)	ND (820)	ND (160)	ND (160)
Pentachlorophenol	6700	55000	ND (160)	ND (160)	ND (820)	ND (160)	ND (160)
Phenanthrene	500000	1000000	**4300**	**2900**	**16000 J**	**6600 J**	**200**
Phenol	500000	1000000	ND (200)	ND (190)	ND (1000)	ND (210)	ND (210)
Pyrene	500000	1000000	**1400**	**2600**	**6500 J**	**2600 J**	**65 J**

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			DOC3A-06	DOC3A-07	DOC3A-08	DOC3A-08	DOC3A-09
Sample Date	NYSDEC	NYSDEC	05/01/2019	05/02/2019	05/02/2019	05/02/2019	05/02/2019
Sample Type	Part 375	Part 375	N	N	N	FD	N
Sample Depth (bgs)	Commercial	Industrial	8.2 - 9 (ft)	0.5 - 1.5 (ft)	8.5 - 9.5 (ft)	8.5 - 9.5 (ft)	5 - 9 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-06-190501-1630	DOC3A-07-190502-0830	DOC3A-08-190502-0930	1234-190502-0002	DOC3A-09-190502-1030
Volatile Organic Compounds (ug/kg)							
1,1,1-Trichloroethane	500000	1000000	ND (690)	ND (29)	ND (350)	ND (11000)	ND (0.53)
1,1,2,2-Tetrachloroethane	-	-	ND (690)	ND (29)	ND (350)	ND (11000)	ND (0.53) J
1,1,2-Trichloroethane	-	-	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
1,1-Dichloroethane	240000	480000	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
1,1-Dichloroethene	500000	1000000	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
1,2,3-Trichlorobenzene	-	-	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1) J
1,2,4-Trichlorobenzene	-	-	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1) J
1,2,4-Trimethylbenzene	190000	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	-	ND (4200)	ND (170)	ND (2100)	ND (66000)	ND (3.2) J
1,2-Dibromoethane (Ethylene Dibromide)	-	-	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
1,2-Dichlorobenzene	500000	1000000	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1)
1,2-Dichloroethane	30000	60000	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
1,2-Dichloroethene (total)	-	-	-	-	-	-	-
1,2-Dichloropropane	-	-	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
1,3,5-Trimethylbenzene	190000	380000	-	-	-	-	-
1,3-Dichlorobenzene	280000	560000	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1)
1,3-Dichloropropene	-	-	-	-	-	-	-
1,4-Dichlorobenzene	130000	250000	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1)
1,4-Dioxane	130000	250000	ND (110000)	ND (4600)	ND (56000)	ND (1800000)	ND (84)
2-Butanone (Methyl Ethyl Ketone)	500000	1000000	ND (14000)	ND (580)	ND (6900)	ND (220000)	ND (10)
2-Hexanone	-	-	ND (14000)	ND (580)	ND (6900)	ND (220000)	ND (10) J
2-Phenylbutane (sec-Butylbenzene)	500000	1000000	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (14000)	ND (580)	ND (6900)	ND (220000)	ND (10)
Acetone	500000	1000000	ND (14000)	ND (580)	ND (6900)	ND (220000)	**11**
Benzene	44000	89000	ND (690)	ND (29)	ND (350)	ND (11000)	**1.4**
Bromodichloromethane	-	-	ND (690)	ND (29)	ND (350)	ND (11000)	ND (0.53)
Bromoform	-	-	ND (5500)	ND (230)	ND (2800)	ND (88000)	ND (4.2)
Bromomethane (Methyl Bromide)	-	-	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1) J
Carbon disulfide	-	-	ND (14000)	ND (580)	ND (6900)	ND (220000)	ND (10)
Carbon tetrachloride	22000	44000	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
Chlorobenzene	500000	1000000	ND (690)	ND (29)	ND (350)	ND (11000)	ND (0.53)
Chlorobromomethane	-	-	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1)
Chloroethane	-	-	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1)
Chloroform (Trichloromethane)	350000	700000	ND (2100)	ND (87)	ND (1000)	ND (33000)	ND (1.6)
Chloromethane (Methyl Chloride)	-	-	ND (5500)	ND (230)	ND (2800)	ND (88000)	ND (4.2)
cis-1,2-Dichloroethene	500000	1000000	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
cis-1,3-Dichloropropene	-	-	ND (690)	ND (29)	ND (350)	ND (11000)	ND (0.53)
Cyclohexane	-	-	ND (14000)	ND (580)	ND (6900)	ND (220000)	ND (10)
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	-
Dibromochloromethane	-	-	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
Dichlorodifluoromethane (CFC-12)	-	-	ND (14000)	ND (580)	ND (6900)	ND (220000)	ND (10)
Ethylbenzene	390000	780000	**240 J**	**1800**	**290 J**	**56000 J**	**1**
Isopropylbenzene (Cumene)	-	-	ND (1400)	**350**	ND (690)	**6800 J**	**0.15 J**
m,p-Xylenes	-	-	ND (2800)	**25000**	**800 J**	**120000 J**	**1.8 J**
Methyl acetate	-	-	ND (5500)	**220 J**	ND (2800)	ND (88000)	ND (4.2)
Methyl cyclohexane	-	-	ND (5500)	**96 J**	ND (2800)	ND (88000)	ND (4.2)
Methyl Tert Butyl Ether	500000	1000000	ND (2800)	ND (120)	ND (1400)	ND (44000)	ND (2.1)
Methylene chloride	500000	1000000	ND (6900)	ND (290)	ND (3500)	ND (110000)	ND (5.3)
Naphthalene	500000	1000000	**170000**	**1600**	**130000 J**	**24000000 J [AB]**	**240 J**
n-Butylbenzene	500000	1000000	-	-	-	-	-
n-Propylbenzene	500000	1000000	-	-	-	-	-
o-Xylene	-	-	ND (1400)	**760**	ND (690) J	**42000 J**	**0.47 J**
Styrene	-	-	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
tert-Butylbenzene	500000	1000000	-	-	-	-	-
Tetrachloroethene	150000	300000	ND (690)	ND (29)	ND (350)	ND (11000)	ND (0.53)
Toluene	500000	1000000	ND (1400)	**1300**	ND (690) J	**35000 J**	ND (1)
trans-1,2-Dichloroethene	500000	1000000	ND (2100)	ND (87)	ND (1000)	ND (33000)	ND (1.6)
trans-1,3-Dichloropropene	-	-	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
Trichloroethene	200000	400000	ND (690)	ND (29)	ND (350)	ND (11000)	ND (0.53)
Trichlorofluoromethane (CFC-11)	-	-	ND (5500)	ND (230)	ND (2800)	ND (88000)	ND (4.2)
Trifluorotrichloroethane (Freon 113)	-	-	ND (5500)	ND (230)	ND (2800)	ND (88000)	ND (4.2)
Vinyl chloride	13000	27000	ND (1400)	ND (58)	ND (690)	ND (22000)	ND (1)
Xylene (total)	500000	1000000	-	-	-	-	-

Notes:
1. Data shown in red exceed one or more of the following New York State Department of Environmental Conservation Part 375 Soil Criteria
   [A] - Commercial
   [B] - Industrial
2. ND = Not detected above detection limit shown
   J = Estimated value
3. Results in **bold** were detected.
4. ug/kg = micrograms per kilogram
   mg/kg = milligrams per kilogram
5. Data has been validated by Haley & Aldrich of New York

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			DOC3A-10	DOC3A-11	DOC3A-111	DOC3A-12	DOC3A-13
Sample Date	NYSDEC	NYSDEC	05/02/2019	05/02/2019	05/16/2019	05/02/2019	05/02/2019
Sample Type	Part 375	Part 375	N	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	7.5 - 8.1 (ft)	9 - 9.3 (ft)	5 - 7.5 (ft)	2 - 3 (ft)	2 - 3 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-10-190502-1130	DOC3A-11-190502-1210	DOC3A-111-190516-1730	DOC3A-12-190502-1330	DOC3A-13-190502-1410
Inorganic Compounds (mg/kg)							
Arsenic	16	16	-	-	-	-	-
Barium	400	10000	-	-	-	-	-
Cadmium	9.3	60	-	-	-	-	-
Chromium	-	-	-	-	-	-	-
Lead	1000	3900	-	-	-	-	-
Mercury	2.8	5.7	-	-	-	-	-
Selenium	1500	6800	-	-	-	-	-
Silver	1500	6800	-	-	-	-	-
Other (%)							
Total Solids	-	-	**80.7**	**79.6**	**79.7**	**77.6**	**71.9**
Semi-Volatile Organic Compounds (ug/kg)							
1,2,4,5-Tetrachlorobenzene	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2,2'-oxybis(1-Chloropropane)	-	-	ND (12000)	ND (240)	ND (6100)	ND (260)	ND (270)
2,3,4,6-Tetrachlorophenol	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2,4,5-Trichlorophenol	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2,4,6-Trichlorophenol	-	-	ND (6200)	ND (120)	ND (3000)	ND (130)	ND (140)
2,4-Dichlorophenol	-	-	ND (9200)	ND (180)	ND (4600)	ND (190)	ND (210)
2,4-Dimethylphenol	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2,4-Dinitrophenol	-	-	ND (49000)	ND (980)	ND (24000)	ND (1000)	ND (1100)
2,4-Dinitrotoluene	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2,6-Dinitrotoluene	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2-Chloronaphthalene	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2-Chlorophenol	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2-Methylnaphthalene	-	-	**350000**	**720**	**250000**	**69 J**	**110 J**
2-Methylphenol (o-Cresol)	500000	1000000	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2-Nitroaniline	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
2-Nitrophenol	-	-	ND (22000)	ND (440)	ND (11000)	ND (460)	ND (490)
3&4-Methylphenol	-	-	ND (15000)	ND (290)	ND (7300)	ND (310)	ND (330)
3,3'-Dichlorobenzidine	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
3-Nitroaniline	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
4,6-Dinitro-2-methylphenol	-	-	ND (27000)	ND (530)	ND (13000)	ND (550)	ND (600)
4-Bromophenyl phenyl ether	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
4-Chloro-3-methylphenol	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
4-Chloroaniline	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
4-Chlorophenyl phenyl ether	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
4-Nitroaniline	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
4-Nitrophenol	-	-	ND (14000)	ND (280)	ND (7100)	ND (300)	ND (320)
Acenaphthene	500000	1000000	**220000**	**740**	**290000**	**43 J**	**1600**
Acenaphthylene	500000	1000000	**35000**	**84 J**	**14000**	ND (170)	ND (180)
Acetophenone	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Anthracene	500000	1000000	**94000**	**410**	**67000**	ND (130)	**87 J**
Atrazine	-	-	ND (8200)	ND (160)	ND (4100)	ND (170)	ND (180)
Benzaldehyde	-	-	ND (14000)	ND (270)	ND (6700)	ND (280)	ND (300)
Benzo(a)anthracene	5600	11000	**99000** [AB]	**250**	**100000** [AB]	**27 J**	**65 J**
Benzo(a)pyrene	1000	1100	**39000** [AB]	ND (160)	**46000** [AB]	**430**	ND (180)
Benzo(b)fluoranthene	5600	11000	**56000** [AB]	**140**	**67000** [AB]	ND (130)	**74 J**
Benzo(g,h,i)perylene	500000	1000000	**11000**	**26 J**	**16000**	ND (170)	**30 J**
Benzo(k)fluoranthene	56000	110000	**20000**	**51 J**	**21000**	ND (130)	ND (140)
Biphenyl	-	-	**71000**	**200 J**	**65000**	ND (480)	**290 J**
bis(2-Chloroethoxy)methane	-	-	ND (11000)	ND (220)	ND (5500)	ND (230)	ND (250)
bis(2-Chloroethyl)ether	-	-	ND (9200)	ND (180)	ND (4600)	ND (190)	ND (210)
bis(2-Ethylhexyl)phthalate	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Butyl benzylphthalate	-	-	ND (10000)	ND (200)	ND (5100)	**110 J**	ND (230)
Caprolactam	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Carbazole	-	-	**61000**	**3700**	**35000**	ND (210)	**450**
Chrysene	56000	110000	**72000** [A]	**170**	**75000** [A]	**26 J**	**69 J**
Dibenz(a,h)anthracene	560	1100	**4100 J** [AB]	ND (120)	**5100** [AB]	ND (130)	ND (140)
Dibenzofuran	350000	1000000	**200000**	**770**	**200000**	ND (210)	**1300**
Diethyl phthalate	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Dimethyl phthalate	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Di-n-butylphthalate	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Di-n-octyl phthalate	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Fluoranthene	500000	1000000	**360000**	**980**	**440000**	**93 J**	**310**
Fluorene	500000	1000000	**240000**	**1500**	**310000**	**51 J**	**760**
Hexachlorobenzene	6000	12000	ND (6200)	ND (120)	ND (3000)	ND (130)	ND (140)
Hexachlorobutadiene	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Hexachlorocyclopentadiene	-	-	ND (29000)	ND (580)	14000 R	ND (610)	ND (650)
Hexachloroethane	-	-	ND (8200)	ND (160)	ND (4100)	ND (170)	ND (180)
Indeno(1,2,3-cd)pyrene	5600	11000	**14000** [AB]	**35 J**	**20000** [AB]	ND (170)	**34 J**
Isophorone	-	-	ND (9200)	ND (180)	ND (4600)	ND (190)	ND (210)
Naphthalene	500000	1000000	**1000000** [A]	**4200**	**650000** [A]	**240**	**3300**
Nitrobenzene	69000	140000	ND (9200)	ND (180)	ND (4600)	ND (190)	ND (210)
N-Nitrosodi-n-propylamine	-	-	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
N-Nitrosodiphenylamine	-	-	ND (8200)	ND (160)	ND (4100)	ND (170)	ND (180)
Pentachlorophenol	6700	55000	ND (8200)	ND (160)	ND (4100)	ND (170)	ND (180)
Phenanthrene	500000	1000000	**610000** [A]	**2400**	**750000** [A]	**150**	**610**
Phenol	500000	1000000	ND (10000)	ND (200)	ND (5100)	ND (210)	ND (230)
Pyrene	500000	1000000	**260000**	**570**	**290000**	**54 J**	**230**

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			DOC3A-10	DOC3A-11	DOC3A-111	DOC3A-12	DOC3A-13
Sample Date	NYSDEC	NYSDEC	05/02/2019	05/02/2019	05/16/2019	05/02/2019	05/02/2019
Sample Type	Part 375	Part 375	N	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	7.5 - 8.1 (ft)	9 - 9.3 (ft)	5 - 7.5 (ft)	2 - 3 (ft)	2 - 3 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-10-190502-1130	DOC3A-11-190502-1210	DOC3A-111-190516-1730	DOC3A-12-190502-1330	DOC3A-13-190502-1410
Volatile Organic Compounds (ug/kg)							
1,1,1-Trichloroethane	500000	1000000	ND (10000)	ND (35)	ND (150)	ND (38)	ND (0.5)
1,1,2,2-Tetrachloroethane	-	-	ND (10000)	ND (35)	ND (150)	ND (38)	ND (0.5)
1,1,2-Trichloroethane	-	-	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
1,1-Dichloroethane	240000	480000	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
1,1-Dichloroethene	500000	1000000	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
1,2,3-Trichlorobenzene	-	-	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
1,2,4-Trichlorobenzene	-	-	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
1,2,4-Trimethylbenzene	190000	380000	-	-	**330 J**	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	-	ND (60000)	ND (210)	ND (900)	ND (230)	ND (3)
1,2-Dibromoethane (Ethylene Dibromide)	-	-	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
1,2-Dichlorobenzene	500000	1000000	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
1,2-Dichloroethane	30000	60000	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
1,2-Dichloroethene (total)	-	-	-	-	ND (300)	-	-
1,2-Dichloropropane	-	-	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
1,3,5-Trimethylbenzene	190000	380000	-	-	**150 J**	-	-
1,3-Dichlorobenzene	280000	560000	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
1,3-Dichloropropene	-	-	-	-	ND (150)	-	-
1,4-Dichlorobenzene	130000	250000	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
1,4-Dioxane	130000	250000	ND (1600000)	ND (5600)	ND (24000)	ND (6200)	ND (79)
2-Butanone (Methyl Ethyl Ketone)	500000	1000000	ND (200000)	ND (700)	ND (3000)	ND (770)	**9.3 J**
2-Hexanone	-	-	ND (200000)	ND (700)	ND (3000)	ND (770)	ND (9.9)
2-Phenylbutane (sec-Butylbenzene)	500000	1000000	-	-	ND (300)	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (200000)	ND (700)	ND (3000)	ND (770)	ND (9.9)
Acetone	500000	1000000	ND (200000)	ND (700)	ND (3000)	**390 J**	**86**
Benzene	44000	89000	**11000**	**13 J**	ND (150)	ND (38)	ND (0.5)
Bromodichloromethane	-	-	ND (10000)	ND (35)	ND (150)	ND (38)	ND (0.5)
Bromoform	-	-	ND (80000)	ND (280)	ND (1200)	ND (310)	ND (4)
Bromomethane (Methyl Bromide)	-	-	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
Carbon disulfide	-	-	ND (200000)	ND (700)	ND (3000)	ND (770)	ND (9.9)
Carbon tetrachloride	22000	44000	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
Chlorobenzene	500000	1000000	ND (10000)	ND (35)	ND (150)	ND (38)	ND (0.5)
Chlorobromomethane	-	-	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
Chloroethane	-	-	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
Chloroform (Trichloromethane)	350000	700000	ND (30000)	ND (100)	ND (450)	ND (120)	ND (1.5)
Chloromethane (Methyl Chloride)	-	-	ND (80000)	ND (280)	ND (1200)	ND (310)	ND (4)
cis-1,2-Dichloroethene	500000	1000000	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
cis-1,3-Dichloropropene	-	-	ND (10000)	ND (35)	ND (150)	ND (38)	ND (0.5)
Cyclohexane	-	-	ND (200000)	ND (700)	ND (3000)	ND (770)	ND (9.9)
Cymene (p-Isopropyltoluene)	-	-	-	-	**50 J**	-	-
Dibromochloromethane	-	-	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
Dichlorodifluoromethane (CFC-12)	-	-	ND (200000)	ND (700)	ND (3000)	ND (770)	ND (9.9)
Ethylbenzene	390000	780000	**100000**	**30 J**	**62 J**	ND (77)	ND (0.99)
Isopropylbenzene (Cumene)	-	-	**7800 J**	ND (70)	ND (300)	**16 J**	**0.47 J**
m,p-Xylenes	-	-	**240000**	**61 J**	ND (600)	ND (150)	ND (2)
Methyl acetate	-	-	ND (80000)	ND (280)	ND (1200)	**810**	ND (4)
Methyl cyclohexane	-	-	ND (80000)	ND (280)	ND (1200)	ND (310)	ND (4)
Methyl Tert Butyl Ether	500000	1000000	ND (40000)	ND (140)	ND (600)	ND (150)	ND (2)
Methylene chloride	500000	1000000	ND (100000)	ND (350)	ND (1500)	ND (380)	ND (5)
Naphthalene	500000	1000000	**19000000** [AB]	**14000**	**66000**	**400**	**2.1 J**
n-Butylbenzene	500000	1000000	-	-	ND (300)	-	-
n-Propylbenzene	500000	1000000	-	-	ND (300)	-	-
o-Xylene	-	-	**80000**	**21 J**	ND (300)	ND (77)	**0.43 J**
Styrene	-	-	**6400 J**	ND (70)	ND (300)	ND (77)	ND (0.99)
tert-Butylbenzene	500000	1000000	-	-	ND (600)	-	-
Tetrachloroethene	150000	300000	ND (10000)	ND (35)	ND (150)	ND (38)	ND (0.5)
Toluene	500000	1000000	**110000**	ND (70)	ND (300)	ND (77)	ND (0.99)
trans-1,2-Dichloroethene	500000	1000000	ND (30000)	ND (100)	ND (450)	ND (120)	ND (1.5)
trans-1,3-Dichloropropene	-	-	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
Trichloroethene	200000	400000	ND (10000)	ND (35)	ND (150)	ND (38)	ND (0.5)
Trichlorofluoromethane (CFC-11)	-	-	ND (80000)	ND (280)	ND (1200)	ND (310)	ND (4)
Trifluorotrichloroethane (Freon 113)	-	-	ND (80000)	ND (280)	ND (1200)	ND (310)	ND (4)
Vinyl chloride	13000	27000	ND (20000)	ND (70)	ND (300)	ND (77)	ND (0.99)
Xylene (total)	500000	1000000	-	-	ND (300)	-	-

Notes:
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   [A] - Commercial
   [B] - Industrial
2. ND = Not detected above detection limit shown
   J = Estimated value
3. Results in **bold** were detected.
4. ug/kg = micrograms per kilogram
   mg/kg = milligrams per kilogram
5. Data has been validated by Haley & Aldrich of New York

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			DOC3A-14	DOC3A-21	HA-DOC3A-CELL1	HA-DOC3A-CELL1	HA-DOC3A-CELL2A/B3
Sample Date	NYSDEC	NYSDEC	05/02/2019	05/02/2019	07/02/2019	07/02/2019	07/09/2019
Sample Type	Part 375	Part 375	N	N	FD	N	N
Sample Depth (bgs)	Commercial	Industrial	4 - 5 (ft)	6 - 6.9 (ft)	9 (ft)	9 (ft)	10 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-14-190502-1500	DOC3A-21-190502-1530	1234-190702-0001	DOC3A-CELL1-09-190702-1330	DOC3A-CELL 2A/B3-10-190709-1515
Inorganic Compounds (mg/kg)							
Arsenic	16	16	-	-	**3.95**	**4.52**	**4.38 J**
Barium	400	10000	-	-	**58**	**58.5**	**80.1**
Cadmium	9.3	60	-	-	**1.7**	**1.8**	ND (0.463) J
Chromium	-	-	-	-	**11.8**	**11.7**	**13.4 J-**
Lead	1000	3900	-	-	**5.51**	**5.8**	**6.33 J-**
Mercury	2.8	5.7	-	-	ND (0.08)	ND (0.081)	ND (0.076)
Selenium	1500	6800	-	-	ND (0.994)	ND (1)	**0.153 J**
Silver	1500	6800	-	-	ND (0.497)	ND (0.501)	ND (0.463)
Other (%)							
Total Solids	-	-	**52.5**	**79.7**	**78.2**	**77.8**	**82.5**
Semi-Volatile Organic Compounds (ug/kg)							
1,2,4,5-Tetrachlorobenzene	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
2,2'-oxybis(1-Chloropropane)	-	-	ND (380)	ND (500)	ND (250)	ND (250)	ND (240)
2,3,4,6-Tetrachlorophenol	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
2,4,5-Trichlorophenol	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
2,4,6-Trichlorophenol	-	-	ND (190)	ND (250)	ND (120)	ND (130)	ND (120)
2,4-Dichlorophenol	-	-	ND (280)	ND (380)	ND (190)	ND (190)	ND (180)
2,4-Dimethylphenol	-	-	ND (310)	ND (420)	**580**	**420**	ND (200)
2,4-Dinitrophenol	-	-	ND (1500)	ND (2000)	ND (1000)	ND (1000)	ND (940)
2,4-Dinitrotoluene	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
2,6-Dinitrotoluene	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
2-Chloronaphthalene	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
2-Chlorophenol	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
2-Methylnaphthalene	-	-	**1300**	**3200**	**7300 J**	**2300 J**	**2700**
2-Methylphenol (o-Cresol)	500000	1000000	ND (310)	ND (420)	**52 J**	**43 J**	ND (200)
2-Nitroaniline	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
2-Nitrophenol	-	-	ND (680)	ND (900)	ND (450)	ND (460)	ND (420)
3&4-Methylphenol	-	-	ND (450)	ND (600)	**75 J**	**63 J**	ND (280)
3,3'-Dichlorobenzidine	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
3-Nitroaniline	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
4,6-Dinitro-2-methylphenol	-	-	ND (820)	ND (1100)	ND (540)	ND (550)	ND (510)
4-Bromophenyl phenyl ether	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
4-Chloro-3-methylphenol	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
4-Chloroaniline	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
4-Chlorophenyl phenyl ether	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
4-Nitroaniline	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
4-Nitrophenol	-	-	ND (440)	ND (580)	ND (290)	ND (300)	ND (280)
Acenaphthene	500000	1000000	**8000**	**3700**	**4200 J**	**1100 J**	**3000**
Acenaphthylene	500000	1000000	ND (250)	**260 J**	**610 J**	**180 J**	**230**
Acetophenone	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Anthracene	500000	1000000	ND (190)	**1400**	**1300 J**	**160 J**	**500**
Atrazine	-	-	ND (250)	ND (330)	ND (170)	ND (170)	ND (160)
Benzaldehyde	-	-	ND (410)	ND (550)	ND (270)	ND (280)	ND (260)
Benzo(a)anthracene	5600	11000	ND (190)	**1500**	**1200 J**	**37 J**	**260**
Benzo(a)pyrene	1000	1100	ND (250)	**710**	**460 J**	ND (170) J	**110 J**
Benzo(b)fluoranthene	5600	11000	ND (190)	**1000**	**600 J**	ND (130) J	**140**
Benzo(g,h,i)perylene	500000	1000000	ND (250)	**240 J**	**110 J**	ND (170)	**41 J**
Benzo(k)fluoranthene	56000	110000	ND (190)	**250**	**240**	ND (130)	**52 J**
Biphenyl	-	-	**1500**	**880 J**	**1400 J**	**360 J**	**870**
bis(2-Chloroethoxy)methane	-	-	ND (340)	ND (450)	ND (220)	ND (230)	ND (210)
bis(2-Chloroethyl)ether	-	-	ND (280)	ND (380)	ND (190)	ND (190)	ND (180)
bis(2-Ethylhexyl)phthalate	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Butyl benzylphthalate	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Caprolactam	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Carbazole	-	-	**770**	**1000**	**2500**	**1700**	**1400**
Chrysene	56000	110000	ND (190)	**1000**	**810 J**	**24 J**	**190**
Dibenz(a,h)anthracene	560	1100	ND (190)	**81 J**	**42 J**	ND (130)	ND (120)
Dibenzofuran	350000	1000000	**3000**	**3200**	**4000 J**	**1100 J**	**2900**
Diethyl phthalate	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Dimethyl phthalate	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Di-n-butylphthalate	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Di-n-octyl phthalate	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Fluoranthene	500000	1000000	ND (190)	**4900**	**5000 J**	**180 J**	**1400**
Fluorene	500000	1000000	**1100**	**4000**	**4400 J**	**880 J**	**2800**
Hexachlorobenzene	6000	12000	ND (190)	ND (250)	ND (120)	ND (130)	ND (120)
Hexachlorobutadiene	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Hexachlorocyclopentadiene	-	-	ND (900)	ND (1200)	ND (600)	ND (610)	ND (560)
Hexachloroethane	-	-	ND (250)	ND (330)	ND (170)	ND (170)	ND (160)
Indeno(1,2,3-cd)pyrene	5600	11000	ND (250)	**300 J**	**160 J**	ND (170)	**51 J**
Isophorone	-	-	ND (280)	ND (380)	ND (190)	ND (190)	ND (180)
Naphthalene	500000	1000000	**12000**	**7800**	**39000 J**	**18000 J**	**6600**
Nitrobenzene	69000	140000	ND (280)	ND (380)	ND (190)	ND (190)	ND (180)
N-Nitrosodi-n-propylamine	-	-	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
N-Nitrosodiphenylamine	-	-	ND (250)	ND (330)	ND (170)	ND (170)	ND (160)
Pentachlorophenol	6700	55000	ND (250)	ND (330)	ND (170)	ND (170)	ND (160)
Phenanthrene	500000	1000000	**290**	**8200**	**13000 J**	**1200 J**	**5600**
Phenol	500000	1000000	ND (310)	ND (420)	ND (210)	ND (210)	ND (200)
Pyrene	500000	1000000	ND (190)	**3400**	**3200 J**	**110 J**	**910**

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			DOC3A-14	DOC3A-21	HA-DOC3A-CELL1	HA-DOC3A-CELL1	HA-DOC3A-CELL2A/B3
Sample Date	NYSDEC	NYSDEC	05/02/2019	05/02/2019	07/02/2019	07/02/2019	07/09/2019
Sample Type	Part 375	Part 375	N	N	FD	N	N
Sample Depth (bgs)	Commercial	Industrial	4 - 5 (ft)	6 - 6.9 (ft)	9 (ft)	9 (ft)	10 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-14-190502-1500	DOC3A-21-190502-1530	1234-190702-0001	DOC3A-CELL1-09-190702-1330	DOC3A-CELL 2A/B3-10-190709-1515
Volatile Organic Compounds (ug/kg)							
1,1,1-Trichloroethane	500000	1000000	ND (72)	ND (220)	ND (340)	ND (320)	ND (73)
1,1,2,2-Tetrachloroethane	-	-	ND (72)	ND (220)	ND (340)	ND (320)	ND (73)
1,1,2-Trichloroethane	-	-	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
1,1-Dichloroethane	240000	480000	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
1,1-Dichloroethene	500000	1000000	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
1,2,3-Trichlorobenzene	-	-	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290)
1,2,4-Trichlorobenzene	-	-	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290)
1,2,4-Trimethylbenzene	190000	380000	-	-	**690 J**	**890 J**	**160 J**
1,2-Dibromo-3-chloropropane (DBCP)	-	-	ND (430)	ND (1300)	ND (2000)	ND (1900)	ND (440)
1,2-Dibromoethane (Ethylene Dibromide)	-	-	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
1,2-Dichlorobenzene	500000	1000000	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290)
1,2-Dichloroethane	30000	60000	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
1,2-Dichloroethene (total)	-	-	-	-	ND (680)	ND (640)	ND (150)
1,2-Dichloropropane	-	-	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
1,3,5-Trimethylbenzene	190000	380000	-	-	**290 J**	**390 J**	**80 J**
1,3-Dichlorobenzene	280000	560000	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290)
1,3-Dichloropropene	-	-	-	-	ND (340)	ND (320)	ND (73)
1,4-Dichlorobenzene	130000	250000	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290)
1,4-Dioxane	130000	250000	ND (12000)	ND (35000)	ND (54000)	ND (51000)	ND (12000)
2-Butanone (Methyl Ethyl Ketone)	500000	1000000	ND (1400)	ND (4400)	ND (6800)	ND (6400)	ND (1500)
2-Hexanone	-	-	ND (1400)	ND (4400)	ND (6800)	ND (6400)	ND (1500)
2-Phenylbutane (sec-Butylbenzene)	500000	1000000	-	-	ND (680)	ND (640)	ND (150)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (1400)	ND (4400)	ND (6800)	ND (6400)	ND (1500)
Acetone	500000	1000000	ND (1400)	ND (4400)	ND (6800)	ND (6400)	ND (1500)
Benzene	44000	89000	ND (72)	ND (220)	ND (340)	ND (320)	ND (73)
Bromodichloromethane	-	-	ND (72)	ND (220)	ND (340)	ND (320)	ND (73)
Bromoform	-	-	ND (580)	ND (1800)	ND (2700)	ND (2600)	ND (590)
Bromomethane (Methyl Bromide)	-	-	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290) J
Carbon disulfide	-	-	ND (1400)	ND (4400)	ND (6800)	ND (6400)	ND (1500)
Carbon tetrachloride	22000	44000	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
Chlorobenzene	500000	1000000	ND (72)	ND (220)	ND (340)	ND (320)	ND (73)
Chlorobromomethane	-	-	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290)
Chloroethane	-	-	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290)
Chloroform (Trichloromethane)	350000	700000	ND (220)	ND (660)	ND (1000)	ND (960)	ND (220)
Chloromethane (Methyl Chloride)	-	-	ND (580)	ND (1800)	ND (2700)	ND (2600)	ND (590)
cis-1,2-Dichloroethene	500000	1000000	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
cis-1,3-Dichloropropene	-	-	ND (72)	ND (220)	ND (340)	ND (320)	ND (73)
Cyclohexane	-	-	ND (1400)	ND (4400)	ND (6800)	ND (6400)	ND (1500)
Cymene (p-Isopropyltoluene)	-	-	-	-	ND (680)	ND (640)	ND (150)
Dibromochloromethane	-	-	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
Dichlorodifluoromethane (CFC-12)	-	-	ND (1400)	ND (4400)	ND (6800)	ND (6400)	ND (1500)
Ethylbenzene	390000	780000	ND (140)	ND (440)	**310 J**	**370 J**	**64 J**
Isopropylbenzene (Cumene)	-	-	**29 J**	ND (440)	ND (680)	ND (640)	ND (150)
m,p-Xylenes	-	-	ND (290)	ND (880)	**760 J**	**1000 J**	**98 J**
Methyl acetate	-	-	**1400**	ND (1800)	ND (2700)	ND (2600)	ND (590)
Methyl cyclohexane	-	-	ND (580)	ND (1800)	ND (2700)	ND (2600)	ND (590)
Methyl Tert Butyl Ether	500000	1000000	ND (290)	ND (880)	ND (1400)	ND (1300)	ND (290)
Methylene chloride	500000	1000000	ND (720)	ND (2200)	ND (3400)	ND (3200)	ND (730)
Naphthalene	500000	1000000	**30000**	**90000**	**83000**	**100000**	**30000**
n-Butylbenzene	500000	1000000	-	-	ND (680)	ND (640)	ND (150)
n-Propylbenzene	500000	1000000	-	-	ND (680)	ND (640)	ND (150)
o-Xylene	-	-	ND (140)	ND (440)	**270 J**	**300 J**	ND (150)
Styrene	-	-	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
tert-Butylbenzene	500000	1000000	-	-	ND (1400)	ND (1300)	ND (290)
Tetrachloroethene	150000	300000	ND (72)	ND (220)	ND (340)	ND (320)	ND (73)
Toluene	500000	1000000	ND (140)	ND (440)	**520 J**	**620 J**	ND (150)
trans-1,2-Dichloroethene	500000	1000000	ND (220)	ND (660)	ND (1000)	ND (960)	ND (220)
trans-1,3-Dichloropropene	-	-	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
Trichloroethene	200000	400000	ND (72)	ND (220)	ND (340)	ND (320)	ND (73)
Trichlorofluoromethane (CFC-11)	-	-	ND (580)	ND (1800)	ND (2700)	ND (2600)	ND (590) J
Trifluorotrichloroethane (Freon 113)	-	-	ND (580)	ND (1800)	ND (2700)	ND (2600)	ND (590)
Vinyl chloride	13000	27000	ND (140)	ND (440)	ND (680)	ND (640)	ND (150)
Xylene (total)	500000	1000000	-	-	**1000 J**	**1300 J**	**98 J**

Notes:
1. Data shown in red exceed one or more of the following New York State Department of Environmental Conservation Part 375 Soil Criteria
   [A] - Commercial
   [B] - Industrial
2. ND = Not detected above detection limit shown
   J = Estimated value
3. Results in **bold** were detected.
4. ug/kg = micrograms per kilogram
   mg/kg = milligrams per kilogram
5. Data has been validated by Haley & Aldrich of New York

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			HA-DOC3A-CELL2B	HA-DOC3A-CELL2C	HA-DOC3A-CELL3A	HA-DOC3A-CELL3B
Sample Date	NYSDEC	NYSDEC	07/15/2019	07/22/2019	08/02/2019	08/15/2019
Sample Type	Part 375	Part 375	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	9 (ft)	10 (ft)	8 (ft)	8 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-CELL2B--09-190715-1400	DOC3A-CELL2C-10-190722-1315	DOC3A-CELL3A-8-190802-1145	DOC3A-CELL3B-08-190815-1430
Inorganic Compounds (mg/kg)						
Arsenic	16	16	**4.7**	**9.99**	**2.62**	**2.86**
Barium	400	10000	**47.9**	**50.8**	**33.8**	**71.8**
Cadmium	9.3	60	**0.506**	**0.292 J**	ND (0.452)	ND (0.488)
Chromium	-	-	**10.1**	**9.4**	**7.97**	**12.8**
Lead	1000	3900	**5.63**	**5**	**3.42**	**5.7**
Mercury	2.8	5.7	ND (0.073)	ND (0.073)	ND (0.075)	ND (0.077)
Selenium	1500	6800	**0.179 J**	**0.683 J**	ND (0.904)	ND (0.976)
Silver	1500	6800	ND (0.46)	ND (0.449)	ND (0.452)	ND (0.488)
Other (%)						
Total Solids	-	-	**85.6**	**87.2**	**84.4**	**81.8**
Semi-Volatile Organic Compounds (ug/kg)						
1,2,4,5-Tetrachlorobenzene	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2,2'-oxybis(1-Chloropropane)	-	-	ND (230)	ND (230)	ND (230)	ND (240)
2,3,4,6-Tetrachlorophenol	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2,4,5-Trichlorophenol	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2,4,6-Trichlorophenol	-	-	ND (110)	ND (110)	ND (120)	ND (120)
2,4-Dichlorophenol	-	-	ND (170)	ND (170)	ND (170)	ND (180)
2,4-Dimethylphenol	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2,4-Dinitrophenol	-	-	ND (920)	ND (900)	ND (920)	ND (960)
2,4-Dinitrotoluene	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2,6-Dinitrotoluene	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2-Chloronaphthalene	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2-Chlorophenol	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2-Methylnaphthalene	-	-	**6500**	**7000**	**6300**	**4800**
2-Methylphenol (o-Cresol)	500000	1000000	ND (190)	ND (190)	ND (190)	ND (200)
2-Nitroaniline	-	-	ND (190)	ND (190)	ND (190)	ND (200)
2-Nitrophenol	-	-	ND (410)	ND (410)	ND (420)	ND (430)
3&4-Methylphenol	-	-	ND (280)	ND (270)	ND (280)	ND (290)
3,3'-Dichlorobenzidine	-	-	ND (190)	ND (190)	ND (190)	ND (200)
3-Nitroaniline	-	-	ND (190)	ND (190)	ND (190)	ND (200)
4,6-Dinitro-2-methylphenol	-	-	ND (500)	ND (490)	ND (500)	ND (520)
4-Bromophenyl phenyl ether	-	-	ND (190)	ND (190)	ND (190)	ND (200)
4-Chloro-3-methylphenol	-	-	ND (190)	ND (190)	ND (190)	ND (200)
4-Chloroaniline	-	-	ND (190)	ND (190)	ND (190) J	ND (200)
4-Chlorophenyl phenyl ether	-	-	ND (190)	ND (190)	ND (190)	ND (200)
4-Nitroaniline	-	-	ND (190)	ND (190)	ND (190)	ND (200)
4-Nitrophenol	-	-	ND (270)	ND (260)	ND (270)	ND (280)
Acenaphthene	500000	1000000	**7500**	**6100**	**6200**	**2300**
Acenaphthylene	500000	1000000	**790**	**990**	**270**	**440**
Acetophenone	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Anthracene	500000	1000000	**2400**	**2300**	**2100**	**30000**
Atrazine	-	-	ND (150)	ND (150)	ND (150)	ND (160)
Benzaldehyde	-	-	ND (250)	ND (250)	ND (250)	ND (260)
Benzo(a)anthracene	5600	11000	**2800**	**2500**	**2100**	**510**
Benzo(a)pyrene	1000	1100	**1400** [AB]	**1300** [AB]	**980**	**320**
Benzo(b)fluoranthene	5600	11000	**2000**	**1600**	**1400**	**420**
Benzo(g,h,i)perylene	500000	1000000	**520**	**340**	**310**	**140 J**
Benzo(k)fluoranthene	56000	110000	**740**	**590**	**500**	**160**
Biphenyl	-	-	**2100**	**1800**	**1700**	**850**
bis(2-Chloroethoxy)methane	-	-	ND (210)	ND (200)	ND (210)	ND (220)
bis(2-Chloroethyl)ether	-	-	ND (170)	ND (170)	ND (170)	ND (180)
bis(2-Ethylhexyl)phthalate	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Butyl benzylphthalate	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Caprolactam	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Carbazole	-	-	**1400**	**1900**	**1500 J**	**13000**
Chrysene	56000	110000	**2000**	**1800**	**1600**	**600**
Dibenz(a,h)anthracene	560	1100	**160**	**110**	**100 J**	**44 J**
Dibenzofuran	350000	1000000	**6900**	**5900**	**5300**	**3200**
Diethyl phthalate	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Dimethyl phthalate	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Di-n-butylphthalate	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Di-n-octyl phthalate	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Fluoranthene	500000	1000000	**11000**	**10000**	**8500**	**2300**
Fluorene	500000	1000000	**8300**	**7000**	**6200**	**4800**
Hexachlorobenzene	6000	12000	ND (110)	ND (110)	ND (120)	ND (120)
Hexachlorobutadiene	-	-	ND (190)	ND (190)	ND (190)	ND (200)
Hexachlorocyclopentadiene	-	-	ND (550)	ND (540)	ND (550)	ND (570)
Hexachloroethane	-	-	ND (150)	ND (150)	ND (150)	ND (160)
Indeno(1,2,3-cd)pyrene	5600	11000	**630**	**460**	**390**	**170**
Isophorone	-	-	ND (170)	ND (170)	ND (170)	ND (180)
Naphthalene	500000	1000000	**16000**	**19000**	**15000**	**52000**
Nitrobenzene	69000	140000	ND (170)	ND (170)	ND (170)	ND (180)
N-Nitrosodi-n-propylamine	-	-	ND (190)	ND (190)	ND (190)	ND (200)
N-Nitrosodiphenylamine	-	-	ND (150)	ND (150)	ND (150)	ND (160)
Pentachlorophenol	6700	55000	ND (150)	ND (150)	ND (150)	ND (160)
Phenanthrene	500000	1000000	**23000**	**21000**	**16000**	**8200**
Phenol	500000	1000000	ND (190)	ND (190)	ND (190)	ND (200)
Pyrene	500000	1000000	**7400**	**6800**	**6100**	**1400**

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			HA-DOC3A-CELL2B	HA-DOC3A-CELL2C	HA-DOC3A-CELL3A	HA-DOC3A-CELL3B
Sample Date	NYSDEC	NYSDEC	07/15/2019	07/22/2019	08/02/2019	08/15/2019
Sample Type	Part 375	Part 375	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	9 (ft)	10 (ft)	8 (ft)	8 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-CELL2B--09-190715-1400	DOC3A-CELL2C-10-190722-1315	DOC3A-CELL3A-8-190802-1145	DOC3A-CELL3B-08-190815-1430
Volatile Organic Compounds (ug/kg)						
1,1,1-Trichloroethane	500000	1000000	ND (140)	ND (0.38)	ND (120)	ND (510)
1,1,2,2-Tetrachloroethane	-	-	ND (140)	ND (0.38)	ND (120)	ND (510)
1,1,2-Trichloroethane	-	-	ND (280)	ND (0.75)	ND (250)	ND (1000)
1,1-Dichloroethane	240000	480000	ND (280)	ND (0.75)	ND (250)	ND (1000)
1,1-Dichloroethene	500000	1000000	ND (280)	ND (0.75)	ND (250)	ND (1000)
1,2,3-Trichlorobenzene	-	-	ND (570)	ND (1.5)	ND (500)	ND (2000)
1,2,4-Trichlorobenzene	-	-	ND (570)	ND (1.5)	ND (500)	ND (2000)
1,2,4-Trimethylbenzene	190000	380000	**380 J**	**61**	**230 J**	**3300**
1,2-Dibromo-3-chloropropane (DBCP)	-	-	ND (850)	ND (2.2)	ND (740)	ND (3100)
1,2-Dibromoethane (Ethylene Dibromide)	-	-	ND (280)	ND (0.75)	ND (250)	ND (1000)
1,2-Dichlorobenzene	500000	1000000	ND (570)	ND (1.5)	ND (500)	ND (2000)
1,2-Dichloroethane	30000	60000	ND (280)	ND (0.75)	ND (250)	ND (1000)
1,2-Dichloroethene (total)	-	-	ND (280)	ND (0.75)	ND (250)	ND (1000)
1,2-Dichloropropane	-	-	ND (280)	ND (0.75)	ND (250)	ND (1000)
1,3,5-Trimethylbenzene	190000	380000	**180 J**	**23**	**93 J**	**1700 J**
1,3-Dichlorobenzene	280000	560000	ND (570)	ND (1.5)	ND (500)	ND (2000)
1,3-Dichloropropene	-	-	ND (140)	ND (0.38)	ND (120)	ND (510)
1,4-Dichlorobenzene	130000	250000	ND (570)	ND (1.5)	ND (500)	ND (2000)
1,4-Dioxane	130000	250000	ND (23000)	ND (60)	ND (20000)	ND (82000)
2-Butanone (Methyl Ethyl Ketone)	500000	1000000	ND (2800)	ND (7.5)	ND (2500)	ND (10000)
2-Hexanone	-	-	ND (2800)	ND (7.5)	ND (2500)	ND (10000)
2-Phenylbutane (sec-Butylbenzene)	500000	1000000	ND (280)	ND (0.75)	ND (250)	ND (1000)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (2800)	ND (7.5)	ND (2500)	ND (10000)
Acetone	500000	1000000	ND (2800)	ND (7.5)	**1400 J**	ND (10000)
Benzene	44000	89000	ND (140)	**4.9**	ND (120)	ND (510)
Bromodichloromethane	-	-	ND (140)	ND (0.38)	ND (120)	ND (510)
Bromoform	-	-	ND (1100)	ND (3)	ND (990)	ND (4100)
Bromomethane (Methyl Bromide)	-	-	ND (570)	ND (1.5)	ND (500)	ND (2000)
Carbon disulfide	-	-	ND (2800)	ND (7.5)	ND (2500)	ND (10000)
Carbon tetrachloride	22000	44000	ND (280)	ND (0.75)	ND (250)	ND (1000)
Chlorobenzene	500000	1000000	ND (140)	ND (0.38)	ND (120)	ND (510)
Chlorobromomethane	-	-	ND (570)	ND (1.5)	ND (500)	ND (2000)
Chloroethane	-	-	ND (570)	ND (1.5)	ND (500)	ND (2000)
Chloroform (Trichloromethane)	350000	700000	ND (420)	ND (1.1)	ND (370)	ND (1500)
Chloromethane (Methyl Chloride)	-	-	ND (1100)	ND (3)	ND (990)	ND (4100)
cis-1,2-Dichloroethene	500000	1000000	ND (280)	ND (0.75)	ND (250)	ND (1000)
cis-1,3-Dichloropropene	-	-	ND (140)	ND (0.38)	ND (120)	ND (510)
Cyclohexane	-	-	ND (2800)	ND (7.5)	ND (2500)	ND (10000)
Cymene (p-Isopropyltoluene)	-	-	**61 J**	**2.6**	**39 J**	**160 J**
Dibromochloromethane	-	-	ND (280)	ND (0.75)	ND (250)	ND (1000)
Dichlorodifluoromethane (CFC-12)	-	-	ND (2800)	ND (7.5)	ND (2500)	ND (10000)
Ethylbenzene	390000	780000	**88 J**	**16**	**130 J**	**1400**
Isopropylbenzene (Cumene)	-	-	ND (280)	**2.8**	ND (250)	**310 J**
m,p-Xylenes	-	-	ND (570)	**45**	**150 J**	**2100**
Methyl acetate	-	-	ND (1100)	ND (3)	**4500**	**2100 J**
Methyl cyclohexane	-	-	ND (1100)	ND (3)	ND (990)	ND (4100)
Methyl Tert Butyl Ether	500000	1000000	ND (570)	ND (1.5)	ND (500)	ND (2000)
Methylene chloride	500000	1000000	ND (1400)	ND (3.8)	ND (1200)	ND (5100)
Naphthalene	500000	1000000	**46000**	**37000**	**34000**	**180000**
n-Butylbenzene	500000	1000000	ND (280)	ND (0.75)	ND (250)	ND (1000)
n-Propylbenzene	500000	1000000	ND (280)	**1.3**	ND (250)	ND (1000)
o-Xylene	-	-	ND (280)	**20**	ND (250)	**680 J**
Styrene	-	-	ND (280)	**8.2**	ND (250)	ND (1000)
tert-Butylbenzene	500000	1000000	ND (570)	ND (1.5)	ND (500)	ND (2000)
Tetrachloroethene	150000	300000	ND (140)	ND (0.38)	ND (120)	ND (510)
Toluene	500000	1000000	ND (280)	**8.6**	ND (250)	ND (1000)
trans-1,2-Dichloroethene	500000	1000000	ND (420)	ND (1.1)	ND (370)	ND (1500)
trans-1,3-Dichloropropene	-	-	ND (280)	ND (0.75)	ND (250)	ND (1000)
Trichloroethene	200000	400000	ND (140)	ND (0.38)	ND (120)	ND (510)
Trichlorofluoromethane (CFC-11)	-	-	ND (1100)	ND (3)	ND (990)	ND (4100)
Trifluorotrichloroethane (Freon 113)	-	-	ND (1100)	ND (3)	ND (990)	ND (4100)
Vinyl chloride	13000	27000	ND (280)	ND (0.75)	ND (250)	ND (1000)
Xylene (total)	500000	1000000	ND (280)	**65**	**150 J**	**2800 J**

Notes:
1. Data shown in red exceed one or more of the following New York State Department of Environmental Conservation Part 375 Soil Criteria
   [A] - Commercial
   [B] - Industrial
2. ND = Not detected above detection limit shown
   J = Estimated value
3. Results in **bold** were detected.
4. ug/kg = micrograms per kilogram
   mg/kg = milligrams per kilogram
5. Data has been validated by Haley & Aldrich of New York

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			HA-DOC3A-CELL3C	HA-DOC3A-CELL4A	HA-DOC3A-CELL4B	HA-DOC3A-CELL4C
Sample Date	NYSDEC	NYSDEC	08/19/2019	08/06/2019	08/23/2019	08/27/2019
Sample Type	Part 375	Part 375	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	7.5 (ft)	8 (ft)	7.5 (ft)	8 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-CELL3C-7.5-190819-0830	DOC3A-CELL4A-8-190806-0845	DOC3A-CELL4B-7.5-190823-0815	DOC3A-CELL4C-8-190827-1400
Inorganic Compounds (mg/kg)						
Arsenic	16	16	**5.48**	**3.37**	**3.95**	**7.92**
Barium	400	10000	**63.6**	**38.4**	**49.2**	**57.6**
Cadmium	9.3	60	ND (0.457)	**0.414 J**	**0.692**	**1.18**
Chromium	-	-	**12.4**	**8.89**	**10.7**	**10.4**
Lead	1000	3900	**5.39**	**4.27**	**4.47**	**4.41**
Mercury	2.8	5.7	ND (0.076)	ND (0.074)	ND (0.074)	ND (0.074)
Selenium	1500	6800	ND (0.915)	**0.312 J**	ND (0.882)	**0.171 J**
Silver	1500	6800	ND (0.457)	ND (0.46)	ND (0.441)	ND (0.462)
Other (%)						
Total Solids	-	-	**83**	**85**	**88**	**85.2**
Semi-Volatile Organic Compounds (ug/kg)						
1,2,4,5-Tetrachlorobenzene	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2,2'-oxybis(1-Chloropropane)	-	-	ND (240)	ND (230)	ND (680)	ND (230)
2,3,4,6-Tetrachlorophenol	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2,4,5-Trichlorophenol	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2,4,6-Trichlorophenol	-	-	ND (120)	ND (120)	ND (340)	ND (120)
2,4-Dichlorophenol	-	-	ND (180)	ND (170)	ND (510)	ND (180)
2,4-Dimethylphenol	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2,4-Dinitrophenol	-	-	ND (940)	ND (920)	ND (2700)	ND (940)
2,4-Dinitrotoluene	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2,6-Dinitrotoluene	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2-Chloronaphthalene	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2-Chlorophenol	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2-Methylnaphthalene	-	-	**690**	**750**	**74 J**	ND (230)
2-Methylphenol (o-Cresol)	500000	1000000	ND (200)	ND (190)	ND (570)	ND (200)
2-Nitroaniline	-	-	ND (200)	ND (190)	ND (570)	ND (200)
2-Nitrophenol	-	-	ND (420)	ND (420)	ND (1200)	ND (420)
3&4-Methylphenol	-	-	ND (280)	ND (280)	ND (820)	ND (280)
3,3'-Dichlorobenzidine	-	-	ND (200)	ND (190) J	ND (570)	ND (200)
3-Nitroaniline	-	-	ND (200)	ND (190)	ND (570)	ND (200)
4,6-Dinitro-2-methylphenol	-	-	ND (510)	ND (500)	ND (1500)	ND (510)
4-Bromophenyl phenyl ether	-	-	ND (200)	ND (190)	ND (570)	ND (200)
4-Chloro-3-methylphenol	-	-	ND (200)	ND (190)	ND (570)	ND (200)
4-Chloroaniline	-	-	ND (200)	ND (190)	ND (570)	ND (200)
4-Chlorophenyl phenyl ether	-	-	ND (200)	ND (190)	ND (570)	ND (200)
4-Nitroaniline	-	-	ND (200)	ND (190)	ND (570)	ND (200)
4-Nitrophenol	-	-	ND (280)	ND (270)	ND (790)	ND (270)
Acenaphthene	500000	1000000	**1100**	**570 J**	**88 J**	ND (160)
Acenaphthylene	500000	1000000	**70 J**	ND (150)	ND (450)	ND (160)
Acetophenone	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Anthracene	500000	1000000	**310**	**300 J**	**110 J**	ND (120)
Atrazine	-	-	ND (160)	ND (150)	ND (450)	ND (160)
Benzaldehyde	-	-	ND (260)	ND (250)	ND (750)	ND (260)
Benzo(a)anthracene	5600	11000	**190**	ND (120)	**75 J**	ND (120)
Benzo(a)pyrene	1000	1100	**140 J**	ND (150)	ND (450)	ND (160)
Benzo(b)fluoranthene	5600	11000	**180**	ND (120)	ND (340)	ND (120)
Benzo(g,h,i)perylene	500000	1000000	**62 J**	ND (150)	ND (450)	ND (160)
Benzo(k)fluoranthene	56000	110000	**70 J**	ND (120)	ND (340)	ND (120)
Biphenyl	-	-	**340 J**	**240 J**	ND (1300)	ND (440)
bis(2-Chloroethoxy)methane	-	-	ND (210)	ND (210)	ND (610)	ND (210)
bis(2-Chloroethyl)ether	-	-	ND (180)	ND (170)	ND (510)	ND (180)
bis(2-Ethylhexyl)phthalate	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Butyl benzylphthalate	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Caprolactam	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Carbazole	-	-	**270**	**78 J**	ND (570)	ND (200)
Chrysene	56000	110000	**150**	ND (120)	ND (340)	ND (120)
Dibenz(a,h)anthracene	560	1100	ND (120)	ND (120)	ND (340)	ND (120)
Dibenzofuran	350000	1000000	**900**	**540**	**95 J**	ND (200)
Diethyl phthalate	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Dimethyl phthalate	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Di-n-butylphthalate	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Di-n-octyl phthalate	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Fluoranthene	500000	1000000	**490**	ND (120)	**260 J**	ND (120)
Fluorene	500000	1000000	**920**	**130 J**	**130 J**	ND (200)
Hexachlorobenzene	6000	12000	ND (120)	ND (120)	ND (340)	ND (120)
Hexachlorobutadiene	-	-	ND (200)	ND (190)	ND (570)	ND (200)
Hexachlorocyclopentadiene	-	-	ND (560)	ND (550)	ND (1600)	ND (560)
Hexachloroethane	-	-	ND (160)	ND (150)	ND (450)	ND (160)
Indeno(1,2,3-cd)pyrene	5600	11000	**73 J**	ND (150)	ND (450)	ND (160)
Isophorone	-	-	ND (180)	ND (170)	ND (510)	ND (180)
Naphthalene	500000	1000000	**5100**	**5700**	**2300**	ND (200)
Nitrobenzene	69000	140000	ND (180)	ND (170)	ND (510)	ND (180)
N-Nitrosodi-n-propylamine	-	-	ND (200)	ND (190)	ND (570)	ND (200)
N-Nitrosodiphenylamine	-	-	ND (160)	ND (150)	ND (450)	ND (160)
Pentachlorophenol	6700	55000	ND (160)	ND (150)	ND (450)	ND (160)
Phenanthrene	500000	1000000	**1900**	**310 J**	**440**	ND (120)
Phenol	500000	1000000	ND (200)	ND (190)	ND (570)	ND (200)
Pyrene	500000	1000000	**340**	ND (120)	**170 J**	ND (120)

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			HA-DOC3A-CELL3C	HA-DOC3A-CELL4A	HA-DOC3A-CELL4B	HA-DOC3A-CELL4C
Sample Date	NYSDEC	NYSDEC	08/19/2019	08/06/2019	08/23/2019	08/27/2019
Sample Type	Part 375	Part 375	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	7.5 (ft)	8 (ft)	7.5 (ft)	8 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-CELL3C-7.5-190819-0830	DOC3A-CELL4A-8-190806-0845	DOC3A-CELL4B-7.5-190823-0815	DOC3A-CELL4C-8-190827-1400
Volatile Organic Compounds (ug/kg)						
1,1,1-Trichloroethane	500000	1000000	ND (150)	ND (65)	ND (52)	ND (0.47)
1,1,2,2-Tetrachloroethane	-	-	ND (150)	ND (65)	ND (52)	ND (0.47)
1,1,2-Trichloroethane	-	-	ND (290)	ND (130)	ND (100)	ND (0.94)
1,1-Dichloroethane	240000	480000	ND (290)	ND (130)	ND (100)	ND (0.94)
1,1-Dichloroethene	500000	1000000	ND (290)	ND (130)	ND (100)	ND (0.94)
1,2,3-Trichlorobenzene	-	-	ND (580)	ND (260)	ND (210)	ND (1.9)
1,2,4-Trichlorobenzene	-	-	ND (580)	ND (260)	ND (210)	ND (1.9)
1,2,4-Trimethylbenzene	190000	380000	**1500**	**160 J**	**76 J**	ND (1.9)
1,2-Dibromo-3-chloropropane (DBCP)	-	-	ND (880)	ND (390)	ND (320)	ND (2.8)
1,2-Dibromoethane (Ethylene Dibromide)	-	-	ND (290)	ND (130)	ND (100)	ND (0.94)
1,2-Dichlorobenzene	500000	1000000	ND (580)	ND (260)	ND (210)	ND (1.9)
1,2-Dichloroethane	30000	60000	ND (290)	ND (130)	ND (100)	ND (0.94)
1,2-Dichloroethene (total)	-	-	ND (290)	-	ND (100)	ND (0.94)
1,2-Dichloropropane	-	-	ND (290)	ND (130)	ND (100)	ND (0.94)
1,3,5-Trimethylbenzene	190000	380000	**470 J**	**66 J**	ND (210)	ND (1.9)
1,3-Dichlorobenzene	280000	560000	ND (580)	ND (260)	ND (210)	ND (1.9)
1,3-Dichloropropene	-	-	ND (150)	-	ND (52)	ND (0.47)
1,4-Dichlorobenzene	130000	250000	ND (580)	ND (260)	ND (210)	ND (1.9)
1,4-Dioxane	130000	250000	ND (23000)	ND (10000)	ND (8400)	ND (75)
2-Butanone (Methyl Ethyl Ketone)	500000	1000000	ND (2900)	ND (1300)	ND (1000)	ND (9.4) J
2-Hexanone	-	-	ND (2900)	ND (1300)	ND (1000)	ND (9.4) J
2-Phenylbutane (sec-Butylbenzene)	500000	1000000	ND (290)	ND (130)	ND (100)	ND (0.94)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (2900)	ND (1300)	ND (1000)	ND (9.4)
Acetone	500000	1000000	ND (2900)	ND (1300)	ND (1000)	ND (9.4)
Benzene	44000	89000	**80 J**	**31 J**	ND (52)	ND (0.47)
Bromodichloromethane	-	-	ND (150)	ND (65)	ND (52)	ND (0.47)
Bromoform	-	-	ND (1200)	ND (520)	ND (420)	ND (3.8)
Bromomethane (Methyl Bromide)	-	-	ND (580)	ND (260)	ND (210)	ND (1.9)
Carbon disulfide	-	-	ND (2900)	ND (1300)	ND (1000)	ND (9.4)
Carbon tetrachloride	22000	44000	ND (290)	ND (130)	ND (100)	ND (0.94)
Chlorobenzene	500000	1000000	ND (150)	ND (65)	ND (52)	ND (0.47)
Chlorobromomethane	-	-	ND (580)	ND (260)	ND (210)	ND (1.9)
Chloroethane	-	-	ND (580)	ND (260)	ND (210)	ND (1.9)
Chloroform (Trichloromethane)	350000	700000	ND (440)	ND (200)	ND (160)	ND (1.4)
Chloromethane (Methyl Chloride)	-	-	ND (1200)	ND (520)	ND (420)	ND (3.8)
cis-1,2-Dichloroethene	500000	1000000	ND (290)	ND (130)	ND (100)	ND (0.94)
cis-1,3-Dichloropropene	-	-	ND (150)	ND (65)	ND (52)	ND (0.47)
Cyclohexane	-	-	ND (2900)	ND (1300)	ND (1000)	ND (9.4)
Cymene (p-Isopropyltoluene)	-	-	**130 J**	**17 J**	ND (100)	ND (0.94)
Dibromochloromethane	-	-	ND (290)	ND (130)	ND (100)	ND (0.94)
Dichlorodifluoromethane (CFC-12)	-	-	ND (2900)	ND (1300)	ND (1000)	ND (9.4)
Ethylbenzene	390000	780000	**1100**	**140**	**270**	ND (0.94)
Isopropylbenzene (Cumene)	-	-	**200 J**	**23 J**	**19 J**	ND (0.94)
m,p-Xylenes	-	-	**1300**	**140 J**	**150 J**	ND (1.9)
Methyl acetate	-	-	ND (1200)	**1600**	**1600**	ND (3.8)
Methyl cyclohexane	-	-	ND (1200)	ND (520)	ND (420)	ND (3.8)
Methyl Tert Butyl Ether	500000	1000000	ND (580)	ND (260)	ND (210)	ND (1.9)
Methylene chloride	500000	1000000	ND (1500)	ND (650)	ND (520)	ND (4.7)
Naphthalene	500000	1000000	**48000**	**15000**	**12000**	ND (3.8)
n-Butylbenzene	500000	1000000	**65 J**	ND (130)	ND (100)	ND (0.94)
n-Propylbenzene	500000	1000000	**77 J**	ND (130)	ND (100)	ND (0.94)
o-Xylene	-	-	**140 J**	**44 J**	**130**	ND (0.94)
Styrene	-	-	ND (290)	ND (130)	ND (100)	ND (0.94)
tert-Butylbenzene	500000	1000000	ND (580)	ND (260)	ND (210)	ND (1.9)
Tetrachloroethene	150000	300000	ND (150)	ND (65)	ND (52)	ND (0.47)
Toluene	500000	1000000	ND (290)	ND (130)	**110**	ND (0.94)
trans-1,2-Dichloroethene	500000	1000000	ND (440)	ND (200)	ND (160)	ND (1.4)
trans-1,3-Dichloropropene	-	-	ND (290)	ND (130)	ND (100)	ND (0.94)
Trichloroethene	200000	400000	ND (150)	ND (65)	ND (52)	ND (0.47)
Trichlorofluoromethane (CFC-11)	-	-	ND (1200)	ND (520)	ND (420)	ND (3.8)
Trifluorotrichloroethane (Freon 113)	-	-	ND (1200)	ND (520)	ND (420)	ND (3.8)
Vinyl chloride	13000	27000	ND (290)	ND (130)	ND (100)	ND (0.94)
Xylene (total)	500000	1000000	**1400 J**	**180 J**	**280 J**	ND (0.94)

Notes:
1. Data shown in red exceed one or more of the following New York State Department of Environmental Conservation Part 375 Soil Criteria
   [A] - Commercial
   [B] - Industrial
2. ND = Not detected above detection limit shown
   J = Estimated value
3. Results in **bold** were detected.
4. ug/kg = micrograms per kilogram
   mg/kg = milligrams per kilogram
5. Data has been validated by Haley & Aldrich of New York

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			HA-DOC3A-CELL5A	HA-DOC3A-CELL5B	HA-DOC3A-CELL5C	HA-DOC3A-CELL6
Sample Date	NYSDEC	NYSDEC	08/06/2019	08/27/2019	08/30/2019	06/27/2019
Sample Type	Part 375	Part 375	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	8 (ft)	8.5 (ft)	8 (ft)	9 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-CELL5A-8-190806-1300	DOC3A-CELL5B-8.5-190827-1030	DOC3A-CELL5C-8-190830-1000	DOC3A-CELL6-09-190627-1330
Inorganic Compounds (mg/kg)						
Arsenic	16	16	**2.31**	**7.28**	**4.5 J**	**4.42**
Barium	400	10000	**48**	**37.6**	**66.4**	**66 J-**
Cadmium	9.3	60	**0.493**	**1.33**	**0.163 J**	**0.81 J-**
Chromium	-	-	**10.8**	**8.48**	**12**	**10.7 J-**
Lead	1000	3900	**5.23**	**3.54**	**5.96 J-**	**5.47 J-**
Mercury	2.8	5.7	ND (0.075)	ND (0.076)	ND (0.075)	ND (0.078)
Selenium	1500	6800	**0.489 J**	**0.177 J**	**0.135 J**	ND (0.975) J
Silver	1500	6800	ND (0.461)	ND (0.455)	ND (0.466)	ND (0.488)
Other (%)						
Total Solids	-	-	**83.2**	**83**	**84.9**	**80.1**
Semi-Volatile Organic Compounds (ug/kg)						
1,2,4,5-Tetrachlorobenzene	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2,2'-oxybis(1-Chloropropane)	-	-	ND (1200)	ND (240)	ND (230)	ND (250)
2,3,4,6-Tetrachlorophenol	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2,4,5-Trichlorophenol	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2,4,6-Trichlorophenol	-	-	ND (580)	ND (120)	ND (110)	ND (120)
2,4-Dichlorophenol	-	-	ND (880)	ND (180)	ND (170)	ND (180)
2,4-Dimethylphenol	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2,4-Dinitrophenol	-	-	ND (4700)	ND (960)	ND (920)	ND (980) J
2,4-Dinitrotoluene	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2,6-Dinitrotoluene	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2-Chloronaphthalene	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2-Chlorophenol	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2-Methylnaphthalene	-	-	**630 J**	**1100**	**33 J**	ND (250)
2-Methylphenol (o-Cresol)	500000	1000000	ND (980)	ND (200)	ND (190)	ND (200)
2-Nitroaniline	-	-	ND (980)	ND (200)	ND (190)	ND (200)
2-Nitrophenol	-	-	ND (2100)	ND (430)	ND (410)	ND (440)
3&4-Methylphenol	-	-	ND (1400)	ND (290)	ND (280)	ND (300)
3,3'-Dichlorobenzidine	-	-	ND (980) J	ND (200)	ND (190)	ND (200)
3-Nitroaniline	-	-	ND (980)	ND (200)	ND (190)	ND (200)
4,6-Dinitro-2-methylphenol	-	-	ND (2500)	ND (520)	ND (500)	ND (530)
4-Bromophenyl phenyl ether	-	-	ND (980)	ND (200)	ND (190)	ND (200)
4-Chloro-3-methylphenol	-	-	ND (980)	ND (200)	ND (190)	ND (200)
4-Chloroaniline	-	-	ND (980)	ND (200)	ND (190)	ND (200)
4-Chlorophenyl phenyl ether	-	-	ND (980)	ND (200)	ND (190)	ND (200)
4-Nitroaniline	-	-	ND (980)	ND (200)	ND (190)	ND (200)
4-Nitrophenol	-	-	ND (1400)	ND (280)	ND (270)	ND (290)
Acenaphthene	500000	1000000	**120 J**	**770**	**44 J**	ND (160)
Acenaphthylene	500000	1000000	ND (780)	**72 J**	ND (150)	ND (160)
Acetophenone	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Anthracene	500000	1000000	ND (580)	**110 J**	ND (110)	ND (120)
Atrazine	-	-	ND (780)	ND (160)	ND (150)	ND (160)
Benzaldehyde	-	-	ND (1300)	ND (260)	ND (250)	ND (270)
Benzo(a)anthracene	5600	11000	ND (580)	**140**	ND (110)	ND (120)
Benzo(a)pyrene	1000	1100	ND (780)	**62 J**	ND (150)	ND (160)
Benzo(b)fluoranthene	5600	11000	ND (580)	**85 J**	ND (110)	ND (120)
Benzo(g,h,i)perylene	500000	1000000	ND (780)	ND (160)	ND (150)	ND (160)
Benzo(k)fluoranthene	56000	110000	ND (580)	**33 J**	ND (110)	ND (120)
Biphenyl	-	-	ND (2200)	**210 J**	ND (440)	ND (470)
bis(2-Chloroethoxy)methane	-	-	ND (1000)	ND (220)	ND (210)	ND (220)
bis(2-Chloroethyl)ether	-	-	ND (880)	ND (180)	ND (170)	ND (180)
bis(2-Ethylhexyl)phthalate	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Butyl benzylphthalate	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Caprolactam	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Carbazole	-	-	**190 J**	**440**	**39 J**	ND (200)
Chrysene	56000	110000	ND (580)	**110 J**	ND (110)	ND (120)
Dibenz(a,h)anthracene	560	1100	ND (580)	ND (120)	ND (110)	ND (120)
Dibenzofuran	350000	1000000	ND (980)	**680**	ND (190)	ND (200)
Diethyl phthalate	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Dimethyl phthalate	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Di-n-butylphthalate	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Di-n-octyl phthalate	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Fluoranthene	500000	1000000	**120 J**	**500**	ND (110)	ND (120)
Fluorene	500000	1000000	**100 J**	**620**	ND (190)	ND (200)
Hexachlorobenzene	6000	12000	ND (580)	ND (120)	ND (110)	ND (120)
Hexachlorobutadiene	-	-	ND (980)	ND (200)	ND (190)	ND (200)
Hexachlorocyclopentadiene	-	-	ND (2800)	ND (570)	ND (550)	ND (590)
Hexachloroethane	-	-	ND (780)	ND (160)	ND (150)	ND (160)
Indeno(1,2,3-cd)pyrene	5600	11000	ND (780)	ND (160)	ND (150)	ND (160)
Isophorone	-	-	ND (880)	ND (180)	ND (170)	ND (180)
Naphthalene	500000	1000000	**21000**	**7600**	**3100**	ND (200)
Nitrobenzene	69000	140000	ND (880)	ND (180)	ND (170)	ND (180)
N-Nitrosodi-n-propylamine	-	-	ND (980)	ND (200)	ND (190)	ND (200)
N-Nitrosodiphenylamine	-	-	ND (780)	ND (160)	ND (150)	ND (160)
Pentachlorophenol	6700	55000	ND (780)	ND (160)	ND (150)	ND (160)
Phenanthrene	500000	1000000	**240 J**	**1200**	ND (110)	ND (120)
Phenol	500000	1000000	ND (980)	ND (200)	ND (190)	ND (200)
Pyrene	500000	1000000	**99 J**	**330**	ND (110)	ND (120)

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			HA-DOC3A-CELL5A	HA-DOC3A-CELL5B	HA-DOC3A-CELL5C	HA-DOC3A-CELL6
Sample Date	NYSDEC	NYSDEC	08/06/2019	08/27/2019	08/30/2019	06/27/2019
Sample Type	Part 375	Part 375	N	N	N	N
Sample Depth (bgs)	Commercial	Industrial	8 (ft)	8.5 (ft)	8 (ft)	9 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-CELL5A-8-190806-1300	DOC3A-CELL5B-8.5-190827-1030	DOC3A-CELL5C-8-190830-1000	DOC3A-CELL6-09-190627-1330
Volatile Organic Compounds (ug/kg)						
1,1,1-Trichloroethane	500000	1000000	ND (170)	ND (88)	ND (65)	ND (0.45)
1,1,2,2-Tetrachloroethane	-	-	ND (170)	ND (88)	ND (65)	ND (0.45) J
1,1,2-Trichloroethane	-	-	ND (330)	ND (180)	ND (130)	ND (0.91)
1,1-Dichloroethane	240000	480000	ND (330)	ND (180)	ND (130)	ND (0.91)
1,1-Dichloroethene	500000	1000000	ND (330)	ND (180)	ND (130)	ND (0.91)
1,2,3-Trichlorobenzene	-	-	ND (670)	ND (350)	ND (260)	ND (1.8) J
1,2,4-Trichlorobenzene	-	-	ND (670)	ND (350)	ND (260)	ND (1.8) J
1,2,4-Trimethylbenzene	190000	380000	**670**	**300 J**	**290**	ND (1.8) J
1,2-Dibromo-3-chloropropane (DBCP)	-	-	ND (1000)	ND (530)	ND (390)	ND (2.7) J
1,2-Dibromoethane (Ethylene Dibromide)	-	-	ND (330)	ND (180)	ND (130)	ND (0.91) J
1,2-Dichlorobenzene	500000	1000000	ND (670)	ND (350)	ND (260)	ND (1.8) J
1,2-Dichloroethane	30000	60000	ND (330)	ND (180)	ND (130)	ND (0.91) J
1,2-Dichloroethene (total)	-	-	-	ND (180)	ND (130)	ND (0.91)
1,2-Dichloropropane	-	-	ND (330)	ND (180)	ND (130)	ND (0.91)
1,3,5-Trimethylbenzene	190000	380000	**220 J**	**120 J**	**79 J**	ND (1.8) J
1,3-Dichlorobenzene	280000	560000	ND (670)	ND (350)	ND (260)	ND (1.8) J
1,3-Dichloropropene	-	-	-	ND (88)	ND (65)	ND (0.45)
1,4-Dichlorobenzene	130000	250000	ND (670)	ND (350)	ND (260)	ND (1.8) J
1,4-Dioxane	130000	250000	ND (27000)	ND (14000)	ND (10000)	ND (73)
2-Butanone (Methyl Ethyl Ketone)	500000	1000000	ND (3300)	ND (1800)	ND (1300)	ND (9.1) J
2-Hexanone	-	-	ND (3300)	ND (1800)	ND (1300)	ND (9.1) J
2-Phenylbutane (sec-Butylbenzene)	500000	1000000	ND (330)	ND (180)	ND (130)	ND (0.91) J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (3300)	ND (1800)	ND (1300)	ND (9.1)
Acetone	500000	1000000	ND (3300)	ND (1800)	ND (1300)	**7.8 J**
Benzene	44000	89000	**260**	**93**	**39 J**	ND (0.45)
Bromodichloromethane	-	-	ND (170)	ND (88)	ND (65)	ND (0.45)
Bromoform	-	-	ND (1300)	ND (700)	ND (520)	ND (3.6)
Bromomethane (Methyl Bromide)	-	-	ND (670)	ND (350)	ND (260)	ND (1.8)
Carbon disulfide	-	-	ND (3300)	ND (1800)	ND (1300)	ND (9.1)
Carbon tetrachloride	22000	44000	ND (330)	ND (180)	ND (130)	ND (0.91)
Chlorobenzene	500000	1000000	ND (170)	ND (88)	ND (65)	ND (0.45) J
Chlorobromomethane	-	-	ND (670)	ND (350)	ND (260)	ND (1.8)
Chloroethane	-	-	ND (670)	ND (350)	ND (260)	ND (1.8)
Chloroform (Trichloromethane)	350000	700000	ND (500)	ND (260)	ND (200)	ND (1.4)
Chloromethane (Methyl Chloride)	-	-	ND (1300)	ND (700)	ND (520)	ND (3.6)
cis-1,2-Dichloroethene	500000	1000000	ND (330)	ND (180)	ND (130)	ND (0.91)
cis-1,3-Dichloropropene	-	-	ND (170)	ND (88)	ND (65)	ND (0.45) J
Cyclohexane	-	-	ND (3300)	ND (1800)	ND (1300)	ND (9.1)
Cymene (p-Isopropyltoluene)	-	-	ND (330)	ND (180)	ND (130)	ND (0.91) J
Dibromochloromethane	-	-	ND (330)	ND (180)	ND (130)	ND (0.91) J
Dichlorodifluoromethane (CFC-12)	-	-	ND (3300)	ND (1800)	ND (1300)	ND (9.1)
Ethylbenzene	390000	780000	**750**	**200**	**310**	ND (0.91) J
Isopropylbenzene (Cumene)	-	-	**64 J**	**19 J**	**38 J**	ND (0.91)
m,p-Xylenes	-	-	**780**	**220 J**	**100 J**	ND (1.8) J
Methyl acetate	-	-	**2100**	**260 J**	ND (520)	ND (3.6)
Methyl cyclohexane	-	-	ND (1300)	ND (700)	ND (520)	ND (3.6)
Methyl Tert Butyl Ether	500000	1000000	ND (670)	ND (350)	ND (260)	ND (1.8)
Methylene chloride	500000	1000000	ND (1700)	ND (880)	ND (650)	ND (4.5) J
Naphthalene	500000	1000000	**70000**	**45000**	**20000**	ND (3.6) J
n-Butylbenzene	500000	1000000	ND (330)	ND (180)	ND (130)	ND (0.91) J
n-Propylbenzene	500000	1000000	ND (330)	ND (180)	ND (130)	ND (0.91) J
o-Xylene	-	-	**290 J**	**120 J**	**71 J**	ND (0.91) J
Styrene	-	-	ND (330)	ND (180)	ND (130)	ND (0.91) J
tert-Butylbenzene	500000	1000000	ND (670)	ND (350)	ND (260)	ND (1.8)
Tetrachloroethene	150000	300000	ND (170)	ND (88)	ND (65)	ND (0.45)
Toluene	500000	1000000	**370**	**130 J**	ND (130)	ND (0.91)
trans-1,2-Dichloroethene	500000	1000000	ND (500)	ND (260)	ND (200)	ND (1.4)
trans-1,3-Dichloropropene	-	-	ND (330)	ND (180)	ND (130)	ND (0.91) J
Trichloroethene	200000	400000	ND (170)	ND (88)	ND (65)	ND (0.45)
Trichlorofluoromethane (CFC-11)	-	-	ND (1300)	ND (700)	ND (520)	ND (3.6)
Trifluorotrichloroethane (Freon 113)	-	-	ND (1300)	ND (700)	ND (520)	ND (3.6)
Vinyl chloride	13000	27000	ND (330)	ND (180)	ND (130)	ND (0.91)
Xylene (total)	500000	1000000	**1100 J**	**340 J**	**170 J**	ND (0.91)

Notes:
1. Data shown in red exceed one or more of the following New York State Department of Environmental Conservation Part 375 Soil Criteria
   [A] - Commercial
   [B] - Industrial
2. ND = Not detected above detection limit shown
   J = Estimated value
3. Results in **bold** were detected.
4. ug/kg = micrograms per kilogram
   mg/kg = milligrams per kilogram
5. Data has been validated by Haley & Aldrich of New York

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			HA-DOC3A-CELLA	HA-DOC3A-SUBSLAB
Sample Date	NYSDEC	NYSDEC	07/08/2019	08/17/2019
Sample Type	Part 375	Part 375	N	N
Sample Depth (bgs)	Commercial	Industrial	9 (ft)	6 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-CELLA-09-190708-1205	DOC3A-CELL4B-SUBSLAB-06-
Inorganic Compounds (mg/kg)				
Arsenic	16	16	**3.3**	**4.14**
Barium	400	10000	**40.1**	**51.9**
Cadmium	9.3	60	ND (0.44)	ND (0.439)
Chromium	-	-	**9.12**	**9.76**
Lead	1000	3900	**4.25**	**4.52**
Mercury	2.8	5.7	ND (0.073)	ND (0.074)
Selenium	1500	6800	ND (0.88)	ND (0.878)
Silver	1500	6800	ND (0.44)	ND (0.439)
Other (%)				
Total Solids	-	-	**85.3**	**85.3**
Semi-Volatile Organic Compounds (ug/kg)				
1,2,4,5-Tetrachlorobenzene	-	-	ND (190)	ND (190)
2,2'-oxybis(1-Chloropropane)	-	-	ND (230)	ND (230)
2,3,4,6-Tetrachlorophenol	-	-	ND (190)	ND (190)
2,4,5-Trichlorophenol	-	-	ND (190)	ND (190)
2,4,6-Trichlorophenol	-	-	ND (120)	ND (110)
2,4-Dichlorophenol	-	-	ND (170)	ND (170)
2,4-Dimethylphenol	-	-	ND (190)	ND (190)
2,4-Dinitrophenol	-	-	ND (930)	ND (920)
2,4-Dinitrotoluene	-	-	ND (190)	ND (190)
2,6-Dinitrotoluene	-	-	ND (190)	ND (190)
2-Chloronaphthalene	-	-	ND (190)	ND (190)
2-Chlorophenol	-	-	ND (190)	ND (190)
2-Methylnaphthalene	-	-	**120 J**	**130 J**
2-Methylphenol (o-Cresol)	500000	1000000	ND (190)	ND (190)
2-Nitroaniline	-	-	ND (190)	ND (190)
2-Nitrophenol	-	-	ND (420)	ND (410)
3&4-Methylphenol	-	-	ND (280)	ND (270)
3,3'-Dichlorobenzidine	-	-	ND (190)	ND (190)
3-Nitroaniline	-	-	ND (190)	ND (190)
4,6-Dinitro-2-methylphenol	-	-	ND (500)	ND (500)
4-Bromophenyl phenyl ether	-	-	ND (190)	ND (190)
4-Chloro-3-methylphenol	-	-	ND (190)	ND (190)
4-Chloroaniline	-	-	ND (190)	ND (190)
4-Chlorophenyl phenyl ether	-	-	ND (190)	ND (190)
4-Nitroaniline	-	-	ND (190)	ND (190)
4-Nitrophenol	-	-	ND (270)	ND (270)
Acenaphthene	500000	1000000	**120 J**	**120 J**
Acenaphthylene	500000	1000000	ND (160)	ND (150)
Acetophenone	-	-	ND (190)	ND (190)
Anthracene	500000	1000000	ND (120)	ND (110)
Atrazine	-	-	ND (160)	ND (150)
Benzaldehyde	-	-	ND (260)	ND (250)
Benzo(a)anthracene	5600	11000	ND (120)	ND (110)
Benzo(a)pyrene	1000	1100	ND (160)	ND (150)
Benzo(b)fluoranthene	5600	11000	ND (120)	ND (110)
Benzo(g,h,i)perylene	500000	1000000	ND (160)	ND (150)
Benzo(k)fluoranthene	56000	110000	ND (120)	ND (110)
Biphenyl	-	-	ND (440)	ND (430)
bis(2-Chloroethoxy)methane	-	-	ND (210)	ND (200)
bis(2-Chloroethyl)ether	-	-	ND (170)	ND (170)
bis(2-Ethylhexyl)phthalate	-	-	ND (190)	ND (190)
Butyl benzylphthalate	-	-	ND (190)	ND (190)
Caprolactam	-	-	ND (190)	ND (190)
Carbazole	-	-	**59 J**	**46 J**
Chrysene	56000	110000	ND (120)	ND (110)
Dibenz(a,h)anthracene	560	1100	ND (120)	ND (110)
Dibenzofuran	350000	1000000	**130 J**	**23 J**
Diethyl phthalate	-	-	ND (190)	ND (190)
Dimethyl phthalate	-	-	ND (190)	ND (190)
Di-n-butylphthalate	-	-	ND (190)	ND (190)
Di-n-octyl phthalate	-	-	ND (190)	ND (190)
Fluoranthene	500000	1000000	**84 J**	**41 J**
Fluorene	500000	1000000	**120 J**	**27 J**
Hexachlorobenzene	6000	12000	ND (120)	ND (110)
Hexachlorobutadiene	-	-	ND (190)	ND (190)
Hexachlorocyclopentadiene	-	-	ND (550)	ND (540)
Hexachloroethane	-	-	ND (160)	ND (150)
Indeno(1,2,3-cd)pyrene	5600	11000	ND (160)	ND (150)
Isophorone	-	-	ND (170)	ND (170)
Naphthalene	500000	1000000	**2200**	**12000**
Nitrobenzene	69000	140000	ND (170)	ND (170)
N-Nitrosodi-n-propylamine	-	-	ND (190)	ND (190)
N-Nitrosodiphenylamine	-	-	ND (160)	ND (150)
Pentachlorophenol	6700	55000	ND (160)	ND (150)
Phenanthrene	500000	1000000	**260**	**74 J**
Phenol	500000	1000000	ND (190)	ND (190)
Pyrene	500000	1000000	**56 J**	**28 J**

TABLE II
DOCUMENTATION SAMPLE RESULTS SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Location			HA-DOC3A-CELLA	HA-DOC3A-SUBSLAB
Sample Date	NYSDEC	NYSDEC	07/08/2019	08/17/2019
Sample Type	Part 375	Part 375	N	N
Sample Depth (bgs)	Commercial	Industrial	9 (ft)	6 (ft)
Sample Name	Soil Criteria	Soil Criteria	DOC3A-CELLA-09-190708-1205	DOC3A-CELL4B-SUBSLAB-06-
Volatile Organic Compounds (ug/kg)				
1,1,1-Trichloroethane	500000	1000000	ND (54)	ND (0.42)
1,1,2,2-Tetrachloroethane	-	-	ND (54)	ND (0.42)
1,1,2-Trichloroethane	-	-	ND (110)	ND (0.84)
1,1-Dichloroethane	240000	480000	ND (110)	ND (0.84)
1,1-Dichloroethene	500000	1000000	ND (110)	ND (0.84)
1,2,3-Trichlorobenzene	-	-	ND (220)	ND (1.7)
1,2,4-Trichlorobenzene	-	-	ND (220)	ND (1.7)
1,2,4-Trimethylbenzene	190000	380000	**100 J**	ND (1.7)
1,2-Dibromo-3-chloropropane (DBCP)	-	-	ND (320)	ND (2.5)
1,2-Dibromoethane (Ethylene Dibromide)	-	-	ND (110)	ND (0.84)
1,2-Dichlorobenzene	500000	1000000	ND (220)	ND (1.7)
1,2-Dichloroethane	30000	60000	ND (110)	ND (0.84)
1,2-Dichloroethene (total)	-	-	ND (110)	ND (0.84)
1,2-Dichloropropane	-	-	ND (110)	ND (0.84)
1,3,5-Trimethylbenzene	190000	380000	**24 J**	ND (1.7)
1,3-Dichlorobenzene	280000	560000	ND (220)	ND (1.7)
1,3-Dichloropropene	-	-	ND (54)	ND (0.42)
1,4-Dichlorobenzene	130000	250000	ND (220)	ND (1.7)
1,4-Dioxane	130000	250000	ND (8600)	ND (67)
2-Butanone (Methyl Ethyl Ketone)	500000	1000000	ND (1100)	ND (8.4)
2-Hexanone	-	-	ND (1100)	ND (8.4)
2-Phenylbutane (sec-Butylbenzene)	500000	1000000	ND (110)	ND (0.84)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (1100)	ND (8.4)
Acetone	500000	1000000	ND (1100)	**4.8 J**
Benzene	44000	89000	**27 J**	**6.6**
Bromodichloromethane	-	-	ND (54)	ND (0.42)
Bromoform	-	-	ND (430)	ND (3.3)
Bromomethane (Methyl Bromide)	-	-	ND (220) J	ND (1.7)
Carbon disulfide	-	-	ND (1100)	ND (8.4)
Carbon tetrachloride	22000	44000	ND (110)	ND (0.84)
Chlorobenzene	500000	1000000	ND (54)	ND (0.42)
Chlorobromomethane	-	-	ND (220)	ND (1.7)
Chloroethane	-	-	ND (220)	ND (1.7)
Chloroform (Trichloromethane)	350000	700000	ND (160)	ND (1.2)
Chloromethane (Methyl Chloride)	-	-	ND (430)	ND (3.3)
cis-1,2-Dichloroethene	500000	1000000	ND (110)	ND (0.84)
cis-1,3-Dichloropropene	-	-	ND (54)	ND (0.42)
Cyclohexane	-	-	ND (1100)	ND (8.4)
Cymene (p-Isopropyltoluene)	-	-	ND (110)	ND (0.84)
Dibromochloromethane	-	-	ND (110)	ND (0.84)
Dichlorodifluoromethane (CFC-12)	-	-	ND (1100)	ND (8.4)
Ethylbenzene	390000	780000	**98 J**	ND (0.84)
Isopropylbenzene (Cumene)	-	-	ND (110)	ND (0.84)
m,p-Xylenes	-	-	**170 J**	ND (1.7)
Methyl acetate	-	-	ND (430)	ND (3.3)
Methyl cyclohexane	-	-	ND (430)	ND (3.3)
Methyl Tert Butyl Ether	500000	1000000	ND (220)	ND (1.7)
Methylene chloride	500000	1000000	ND (540)	ND (4.2)
Naphthalene	500000	1000000	**23000**	ND (3.3)
n-Butylbenzene	500000	1000000	ND (110)	ND (0.84)
n-Propylbenzene	500000	1000000	ND (110)	ND (0.84)
o-Xylene	-	-	**75 J**	ND (0.84)
Styrene	-	-	ND (110)	ND (0.84)
tert-Butylbenzene	500000	1000000	ND (220)	ND (1.7)
Tetrachloroethene	150000	300000	ND (54)	ND (0.42)
Toluene	500000	1000000	**100 J**	ND (0.84)
trans-1,2-Dichloroethene	500000	1000000	ND (160)	ND (1.2)
trans-1,3-Dichloropropene	-	-	ND (110)	ND (0.84)
Trichloroethene	200000	400000	ND (54)	ND (0.42)
Trichlorofluoromethane (CFC-11)	-	-	ND (430) J	ND (3.3)
Trifluorotrichloroethane (Freon 113)	-	-	ND (430)	ND (3.3)
Vinyl chloride	13000	27000	ND (110)	ND (0.84)
Xylene (total)	500000	1000000	**250 J**	ND (0.84)

Notes:
1. Data shown in red exceed one or more of the following New York State Department of Environmental Conservation Part 375 Soil Criteria
   [A] - Commercial
   [B] - Industrial
2. ND = Not detected above detection limit shown
   J = Estimated value
3. Results in **bold** were detected.
4. ug/kg = micrograms per kilogram
   mg/kg = milligrams per kilogram
5. Data has been validated by Haley & Aldrich of New York

TABLE III
WASTE STREAMS AND DISPOSAL SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Waste	"Contained-In" Determination Status	Ship Date	Waste Profile ID	Disposal ID Number	Quantity	Units	Disposal Facility	Disposal Facility Location	Facility Type	stockpile ID
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765186	18.33	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765255	31.44	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765256	19.64	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765262	35.62	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765308	19.45	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765383	27.89	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765400	23.79	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765403	30.21	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765432	22.56	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765524	23.07	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765537	28.78	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765547	23.45	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765597	22.59	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765621	35.41	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/22/2019	CS071909	2765628	16.99	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/23/2019	CS071909	2765771	30.75	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/23/2019	CS071909	2765820	30.61	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/23/2019	CS071909	2765874	23.55	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-01
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2766983	34.24	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767034	21.36	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767038	36.84	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767088	31.77	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767161	20.08	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767183	33.17	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767187	30.07	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767300	20.59	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767319	32.61	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767339	32.84	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767411	21.97	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767434	32.61	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/25/2019	CS071909	2767464	35.62	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/26/2019	CS071909	2767682	32.02	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/26/2019	CS071909	2767801	40.36	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-02
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/29/2019	CS071909	2768600	34.02	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/29/2019	CS071909	2768674	34.16	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/29/2019	CS071909	2768759	34.63	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/29/2019	CS071909	2768796	30.72	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/29/2019	CS071909	2768920	33.95	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/29/2019	CS071909	2768947	29.30	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/29/2019	CS071909	2769067	34.24	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/30/2019	CS071909	2769341	32.72	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/30/2019	CS071909	2769459	31.86	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/30/2019	CS071909	2769628	18.50	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/30/2019	CS071909	2769631	31.51	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/30/2019	CS071909	2769777	34.05	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/30/2019	CS071909	2769786	23.38	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2770118	34.33	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2769964	31.22	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2769984	29.70	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-03
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2770106	31.90	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2770213	32.95	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2770227	32.15	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2770338	31.23	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2770366	35.90	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	7/31/2019	CS071909	2770418	21.30	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/1/2019	CS071909	2770609	33.98	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/1/2019	CS071909	2770712	34.07	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/1/2019	CS071909	2770829	23.84	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/1/2019	CS071909	2770887	30.45	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/1/2019	CS071909	2770952	22.00	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/1/2019	CS071909	2771004	32.53	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/2/2019	CS071909	2771251	28.68	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-04
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778476	28.61	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778463	20.49	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778501	29.85	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778547	30.34	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778568	23.25	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778572	22.41	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778577	21.66	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778624	32.75	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778626	24.38	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778192	41.57	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778166	23.94	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778195	34.61	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778199	22.67	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778206	25.53	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778219	25.24	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778239	37.48	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778265	24.82	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778297	33.99	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778324	37.54	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778323	23.5	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778327	25.17	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778336	25.03	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778509	24.01	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778387	36.24	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778438	39.09	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-07
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778441	20.57	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/16/2019	CS071909	2778443	23.83	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-05
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781057	33.63	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781061	25.2	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781080	25.11	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781085	23.95	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781096	35.07	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781136	34.31	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781153	21.23	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781181	24.22	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781180	22.69	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781200	37.68	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781219	26.82	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781232	35.89	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781279	23.47	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781333	32.04	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/22/2019	CS071909	2781447	31	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/23/2019	CS071909	2781688	31.74	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/23/2019	CS071909	2781821	30.97	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/23/2019	CS071909	2781957	36.01	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-06
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782568	25.39	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782605	25.83	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782621	26.96	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782617	32.37	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782643	35.27	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782689	24.48	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782761	31.44	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782762	25.43	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782782	27.77	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782787	33.52	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08

TABLE III
WASTE STREAMS AND DISPOSAL SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Waste	"Contained-In" Determination Status	Ship Date	Waste Profile ID	Disposal ID Number	Quantity	Units	Disposal Facility	Disposal Facility Location	Facility Type	stockpile ID
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782811	23.84	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782886	29.77	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782888	23.6	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782915	25.89	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782917	35.09	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2783021	30.79	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2782928	26.38	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2783025	26.20	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	8/26/2019	CS071909	2783038	25.56	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-08
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/3/2019	CS071909	2786455	41.05	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/3/2019	CS071909	2786591	36.08	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/4/2019	CS071909	2786821	41.83	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/4/2019	CS071909	2786939	34.18	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/4/2019	CS071909	2787127	33.94	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/4/2019	CS071909	2787281	32.45	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/5/2019	CS071909	2787441	35.18	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/5/2019	CS071909	2787577	40.06	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/5/2019	CS071909	2787724	40.92	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/5/2019	CS071909	2787861	40.25	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/5/2019	CS071909	2787876	37.58	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/5/2019	CS071909	2787732	42.5	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/5/2019	CS071909	2787592	44.56	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/5/2019	CS071909	2787449	37.54	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788468	28.24	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788335	32.46	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788235	26.18	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788104	25.50	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09/10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788048	24.54	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788130	24.47	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788250	24.27	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788353	23.12	tons	OHSWA	Boonville, NY	Permitted (SW)	N/A
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788508	25.77	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788500	37.92	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788378	35.81	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788255	36.83	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788113	37.25	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788070	24.39	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788205	25.79	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788318	24.88	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788455	25.52	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788340	33.90	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788479	31.91	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788219	25.32	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788080	24.38	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09/10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788457	23.51	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/6/2019	CS071909	2788326	21.98	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-10
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/9/2019	CS071909	2789142	41.82	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-09
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/9/2019	CS071909	2789184	37.76	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/9/2019	CS071909	2789488	33.84	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/9/2019	CS071909	2789318	34.44	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/9/2019	CS071909	2789462	30.30	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/9/2019	CS071909	2789619	35.21	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/9/2019	CS071909	2789630	33.53	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2789856	38.64	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2789901	36.69	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2789973	31.04	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2790041	31.35	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-11/12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2790102	29.05	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2790186	26.19	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2790239	29.16	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2790326	34.44	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/10/2019	CS071909	2790391	31.83	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/11/2019	CS071909	2790623	31.88	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/11/2019	CS071909	2790618	31.78	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/11/2019	CS071909	2790743	29.27	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/11/2019	CS071909	2790759	28.69	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-12
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/18/2019	CS071909	2794435	19.78	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-13
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/18/2019	CS071909	2794476	30.63	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-13
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/18/2019	CS071909	2794507	26.95	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-13
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/19/2019	CS071909	2794751	39.64	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-13
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/19/2019	CS071909	2794887	35.67	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-13
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/19/2019	CS071909	2795056	42.46	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-13
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/19/2019	CS071909	2795198	40.86	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-13
Creosote-impacted soil	Approved, conditional on Disposal at OHSWA	9/20/2019	CS071909	2795411	38.26	tons	OHSWA	Boonville, NY	Permitted (SW)	SP-13
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793359	27.93	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793360	27.78	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793365	30.36	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793391	28.29	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793412	37.79	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793450	23.16	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793457	29.43	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793466	25.38	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793494	26.23	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793518	37.05	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793540	22.64	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793548	27.86	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793566	25.44	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793603	25.04	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793630	34.28	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793653	21.52	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793657	26.49	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793675	23.50	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793707	21.86	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793733	24.48	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793737	26.61	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793750	34.18	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793765	24.11	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793805	22.00	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793831	21.68	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/17/2019	CS091906	2793838	28.82	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2793998	23.26	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794008	25.69	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794011	29.38	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794044	27.06	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794052	24.15	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794085	36.38	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794086	21.44	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794114	28.25	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794122	22.63	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794163	23.95	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794197	34.95	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794204	21.65	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794243	26.56	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794261	23.87	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794313	24.03	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794332	23.21	tons	OHSWA	Boonville, NY	Permitted (SW)	NA

TABLE III
WASTE STREAMS AND DISPOSAL SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Waste	"Contained-In" Determination Status	Ship Date	Waste Profile ID	Disposal ID Number	Quantity	Units	Disposal Facility	Disposal Facility Location	Facility Type	stockpile ID
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794341	34.50	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794371	30.45	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794385	20.71	tons	OHSWA	Boonville, NY	Permitted (SW)	NA
Asphalt sub-base	Not Applicable	9/18/2019	CS091906	2794423	22.28	tons	OHSWA	Boonville, NY	Permitted (SW)	NA

Notes:
OHSWA = Oneida Herkimer Solid Waste Authority of Boonville, New York

TABLE IV
IMPORT MATERIAL SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Material Description	Ship Date	Quantity	Units	Material Source	Material Source Location	NYSDEC Facility ID
#1 /#2 stone	6/25/2019	34.06	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/25/2019	33.39	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/25/2019	33.07	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/25/2019	32.45	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/25/2019	34.00	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/26/2019	32.57	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/26/2019	32.96	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/26/2019	32.97	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/26/2019	33.23	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/26/2019	33.93	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/27/2019	22.14	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/28/2019	33.15	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/28/2019	33.75	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/28/2019	33.72	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	6/28/2019	32.46	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/1/2019	33.40	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/1/2019	21.08	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/1/2019	32.74	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/1/2019	21.79	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/1/2019	21.50	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/1/2019	32.38	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/1/2019	21.62	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/1/2019	33.28	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/2/2019	33.10	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/2/2019	33.98	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/8/2019	31.88	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/8/2019	33.59	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/9/2019	31.80	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/10/2019	32.58	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/10/2019	32.28	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/10/2019	32.18	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/16/2019	31.87	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/16/2019	31.06	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/16/2019	31.02	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/16/2019	31.07	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/17/2019	31.15	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/17/2019	31.26	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/17/2019	29.46	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/18/2019	29.28	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/18/2019	29.14	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/18/2019	29.19	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/18/2019	28.75	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/18/2019	28.73	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/23/2019	30.82	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/23/2019	30.74	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/24/2019	30.65	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	7/24/2019	31.10	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/2/2019	29.49	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/2/2019	30.59	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/5/2019	19.95	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/5/2019	20.53	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/6/2019	30.98	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/6/2019	29.22	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/6/2019	29.00	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/7/2019	28.58	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/7/2019	29.36	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/7/2019	29.19	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/7/2019	28.94	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/8/2019	28.93	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/8/2019	29.31	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/8/2019	29.14	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/8/2019	29.05	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/8/2019	19.52	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/9/2019	29.55	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/9/2019	28.88	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/9/2019	29.52	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/12/2019	20.20	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/12/2019	20.38	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/12/2019	19.96	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/12/2019	20.44	tons	Hanson	Oriskany Falls, NY	7-2538-00002

TABLE IV
IMPORT MATERIAL SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Material Description	Ship Date	Quantity	Units	Material Source	Material Source Location	NYSDEC Facility ID
#1 /#2 stone	8/12/2019	20.52	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/12/2019	19.88	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/12/2019	20.17	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/12/2019	20.09	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/12/2019	19.34	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/14/2019	30.00	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/14/2019	29.45	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/14/2019	28.98	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/14/2019	29.00	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	22.06	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	22.08	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	22.13	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.04	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.96	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.96	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.54	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.25	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.67	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.26	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.62	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.99	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.64	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/20/2019	21.84	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	20.84	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.35	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.67	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	22.26	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	22.83	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.14	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.21	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.59	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.74	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	22.00	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.15	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.23	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.41	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.39	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.92	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	22.03	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	22.02	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/21/2019	21.92	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/26/2019	19.93	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/26/2019	28.39	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/26/2019	28.57	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/29/2019	28.76	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/29/2019	28.42	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/29/2019	28.69	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/29/2019	28.23	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/29/2019	28.76	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/30/2019	28.62	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/30/2019	28.54	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/30/2019	29.83	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	8/30/2019	29.01	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	9/3/2019	29.59	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	9/3/2019	30.14	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	9/3/2019	30.67	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#1 /#2 stone	9/10/2019	29.30	tons	Hanson	Oriskany Falls, NY	7-2538-00003
#1 /#2 stone	9/11/2019	28.84	tons	Hanson	Oriskany Falls, NY	7-2538-00004
#1 /#2 stone	9/11/2019	28.37	tons	Hanson	Oriskany Falls, NY	7-2538-00005
#1 /#2 stone	9/11/2019	29.34	tons	Hanson	Oriskany Falls, NY	7-2538-00006
#1 /#2 stone	9/11/2019	29.84	tons	Hanson	Oriskany Falls, NY	7-2538-00007
#1 /#2 stone	9/12/2019	19.65	tons	Hanson	Oriskany Falls, NY	7-2538-00008
#1 /#2 stone	9/12/2019	31.62	tons	Hanson	Oriskany Falls, NY	7-2538-00009
#1 /#2 stone	9/12/2019	30.21	tons	Hanson	Oriskany Falls, NY	7-2538-00010
#1 /#2 stone	9/12/2019	19.89	tons	Hanson	Oriskany Falls, NY	7-2538-00011
#1 /#2 stone	9/12/2019	19.44	tons	Hanson	Oriskany Falls, NY	7-2538-00012
#1 /#2 stone	9/12/2019	19.74	tons	Hanson	Oriskany Falls, NY	7-2538-00013
#2/#3 stone	6/18/2019	20.63	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#2/#3 stone	6/18/2019	20.59	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/18/2019	20.76	tons	Hanson	Oriskany Falls, NY	7-2538-00002

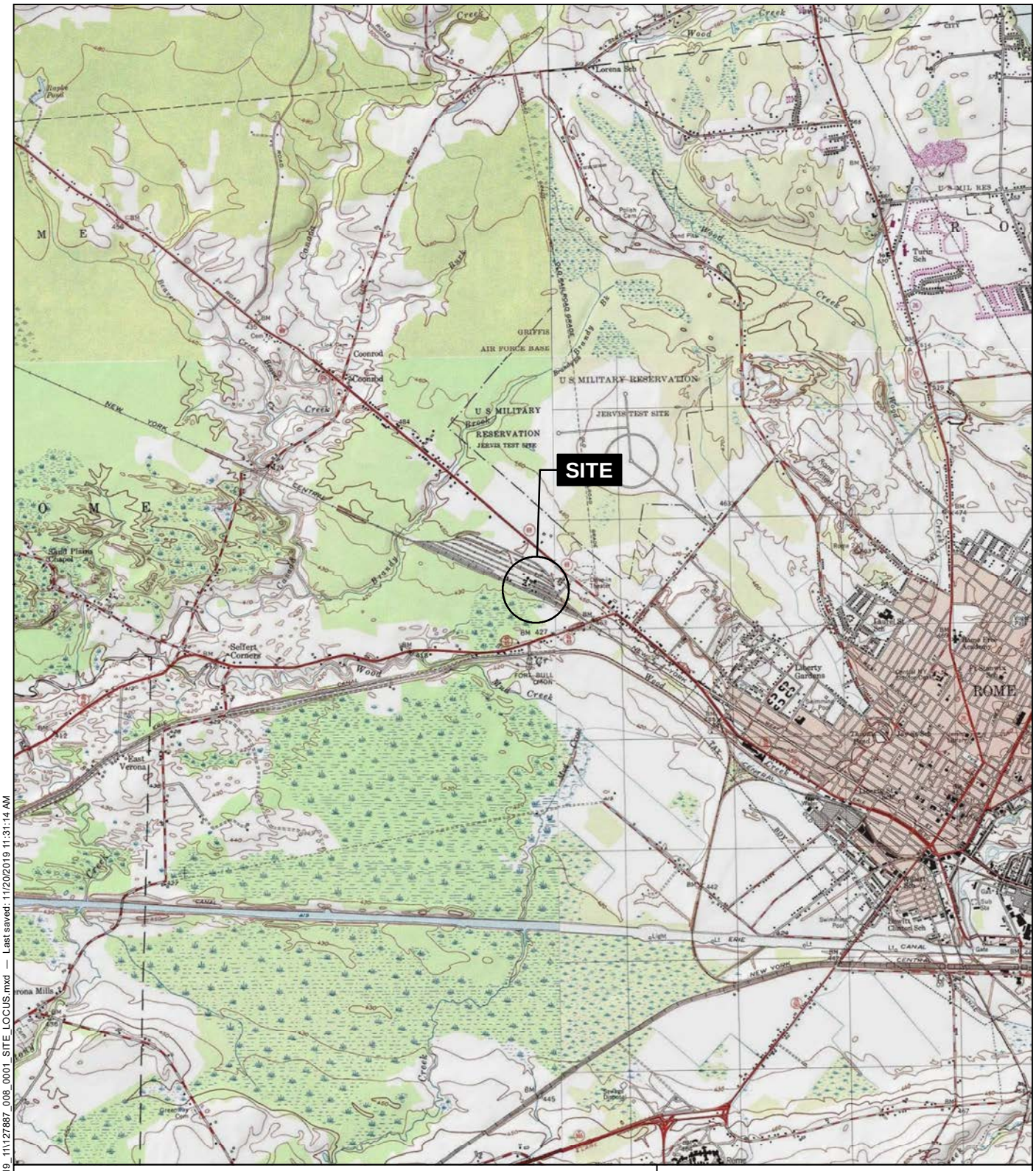
TABLE IV
IMPORT MATERIAL SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Material Description	Ship Date	Quantity	Units	Material Source	Material Source Location	NYSDEC Facility ID
#3/#4 stone	6/18/2019	20.58	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/19/2019	22.33	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/19/2019	21.68	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/20/2019	19.61	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/20/2019	21.24	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/20/2019	20.64	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/20/2019	20.68	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/20/2019	21.07	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/20/2019	20.76	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/20/2019	21.01	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/20/2019	20.55	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	24.86	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	21.83	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	32.50	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	33.33	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	24.23	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	21.80	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	23.28	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	21.13	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	32.45	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	22.16	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/21/2019	20.86	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/24/2019	33.29	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/24/2019	21.48	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/24/2019	22.13	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/24/2019	21.75	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/24/2019	20.75	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/24/2019	29.79	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/24/2019	33.12	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/24/2019	31.63	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	6/27/2019	20.53	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	7/3/2019	33.82	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	7/8/2019	33.25	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	7/8/2019	32.15	tons	Hanson	Oriskany Falls, NY	7-2538-00002
#3/#4 stone	7/23/2019	32.70	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	21.27	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	20.64	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	20.79	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	20.30	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	21.59	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	20.51	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	18.89	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	20.65	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	19.73	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/18/2019	20.68	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	21.47	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	20.65	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	20.97	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	19.91	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	21.42	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	21.91	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	21.57	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	20.38	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run - dewatering cell	6/19/2019	22.08	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	7/2/2019	31.47	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	7/2/2019	32.99	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	7/12/2019	32.57	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	7/12/2019	30.69	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	7/12/2019	31.02	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	7/23/2019	31.50	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	20.09	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	29.29	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	32.50	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	31.45	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	20.01	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	20.31	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	31.91	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	19.23	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	20.58	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	30.98	tons	Hanson	Oriskany Falls, NY	7-2538-00002

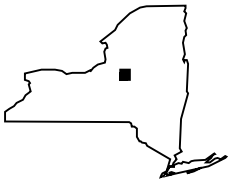
TABLE IV
IMPORT MATERIAL SUMMARY
FORMER FEDERAL CREOSOTE SITE - LOT 3A
ROME, NEW YORK

Material Description	Ship Date	Quantity	Units	Material Source	Material Source Location	NYSDEC Facility ID
Crusher Run	9/12/2019	30.52	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	18.70	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	20.78	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/12/2019	31.18	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	30.11	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	20.64	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	21.05	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	20.84	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	20.46	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	21.22	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	20.21	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	20.68	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	30.14	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	20.26	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	30.43	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	29.59	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	19.98	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	20.62	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	30.14	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	29.86	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	18.76	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	20.91	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	19.21	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/13/2019	19.33	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	30.78	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	19.65	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.87	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.81	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	20.53	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.04	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	18.56	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	20.64	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	29.15	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	19.33	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.40	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	20.88	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.38	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	30.97	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	31.00	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	31.17	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.26	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	19.74	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	20.92	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	32.01	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	20.83	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	31.42	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.33	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.32	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	18.43	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	21.31	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	31.13	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	30.81	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	20.60	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	30.63	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/16/2019	20.75	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/18/2019	19.66	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/18/2019	20.59	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/18/2019	20.78	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/20/2019	30.47	tons	Hanson	Oriskany Falls, NY	7-2538-00002
Crusher Run	9/20/2019	30.19	tons	Hanson	Oriskany Falls, NY	7-2538-00002

FIGURES



Map source: Esri



PROJECT LOCATION

Feet
0 2,000 4,000

Prepared for:

Greenfield Environmental Multistate Trust, LLC
Trustee of the Multistate Environmental Response Trust

FORMER FEDERAL CREOSOTE SITE
ROME, NEW YORK

Figure 1

SITE LOCUS

PROJECT: 127887	BY: ANICHOLS	REVISIONS:
DATE: DEC 2019	CHECKED: GW	

HALEY & ALDRICH OF NEW YORK

G:\41233 - GEMT Rome, NY site\GLOBAL\GIS\Maps\2019_11\127887_008_0001_SITE_LOCUS.mxd — Last saved: 11/20/2019 11:31:14 AM

EXPLANATION

- Interim Remedial Measures (IRM) Site (Order on Consent Site - Class A)
- Order on Consent Site - Class P
- Multistate Trust-owned parcel
- Parcel owned by others
- Parcel boundary

NOTES

1. All locations and dimensions are approximate.
2. Assessor parcel data source: Oneida County and Hoffman Land Surveying and Geomatics survey
3. Aerial imagery source: New York State 2017

PROJECT LOCATION

SCALE IN FEET
0 75 150

Prepared for:

Greenfield Environmental Multistate Trust, LLC
Trustee of the Multistate Environmental Response Trust

FORMER FEDERAL CREOSOTE SITE
ROME, NEW YORK

Figure 2

LOT AND BOUNDARY PLAN

PROJECT: 127887	BY: ANICHOLS	REVISIONS:
DATE: DEC 2019	CHECKED: GW	

HALEY & ALDRICH OF NEW YORK

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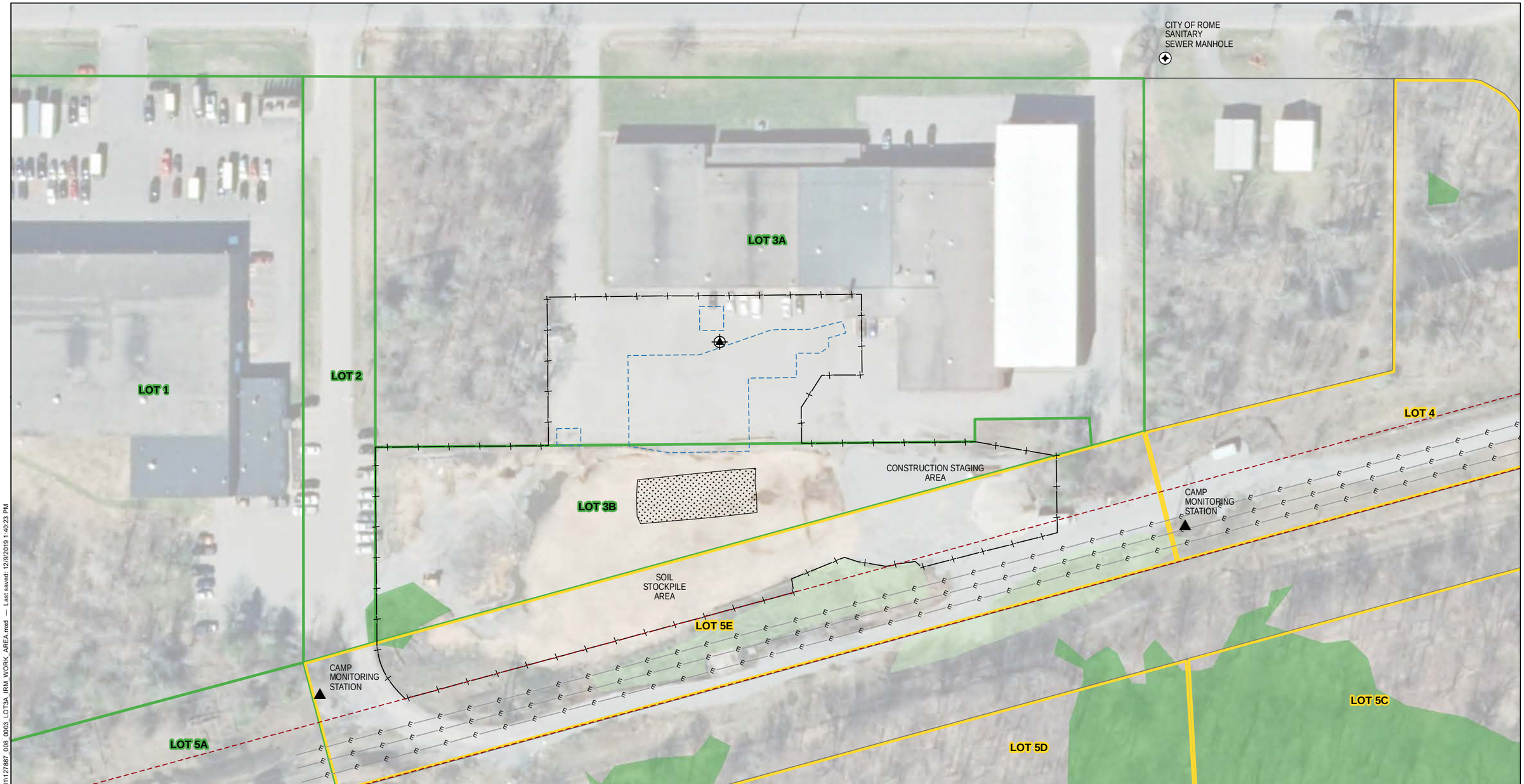

EXPLANATION

- CAMP air monitoring station
- Sanitary sewer manhole for wastewater discharge
- Decommissioned monitoring well (MW-4)
- Fenceline
- National Grid easement boundary
- Overhead electrical wire
- Lot 3A excavation extents
- Dewatering cell
- Multistate Trust-owned parcel
- Parcel owned by others

Delineated wetland type

- Emergent
- Forested

NOTES

1. All dimensions and locations are approximate.
2. Assessor parcel data source: Oneida County and Hoffman Land Surveying and Geomatics survey
3. Aerial imagery source: NYSGIS 2017

PROJECT LOCATION

SCALE IN FEET
0 40 80

Prepared for:

Greenfield Environmental Multistate Trust, LLC
Trustee of the Multistate Environmental
Response Trust

FORMER FEDERAL CREOSOTE SITE
ROME, NEW YORK

Figure 3

WORK AREA
LOT 3A IRM

PROJECT: 127887	BY: ANICHOLS	REVISIONS:
DATE: DEC 2019	CHECKED: GW	

HALEY & ALDRICH OF NEW YORK

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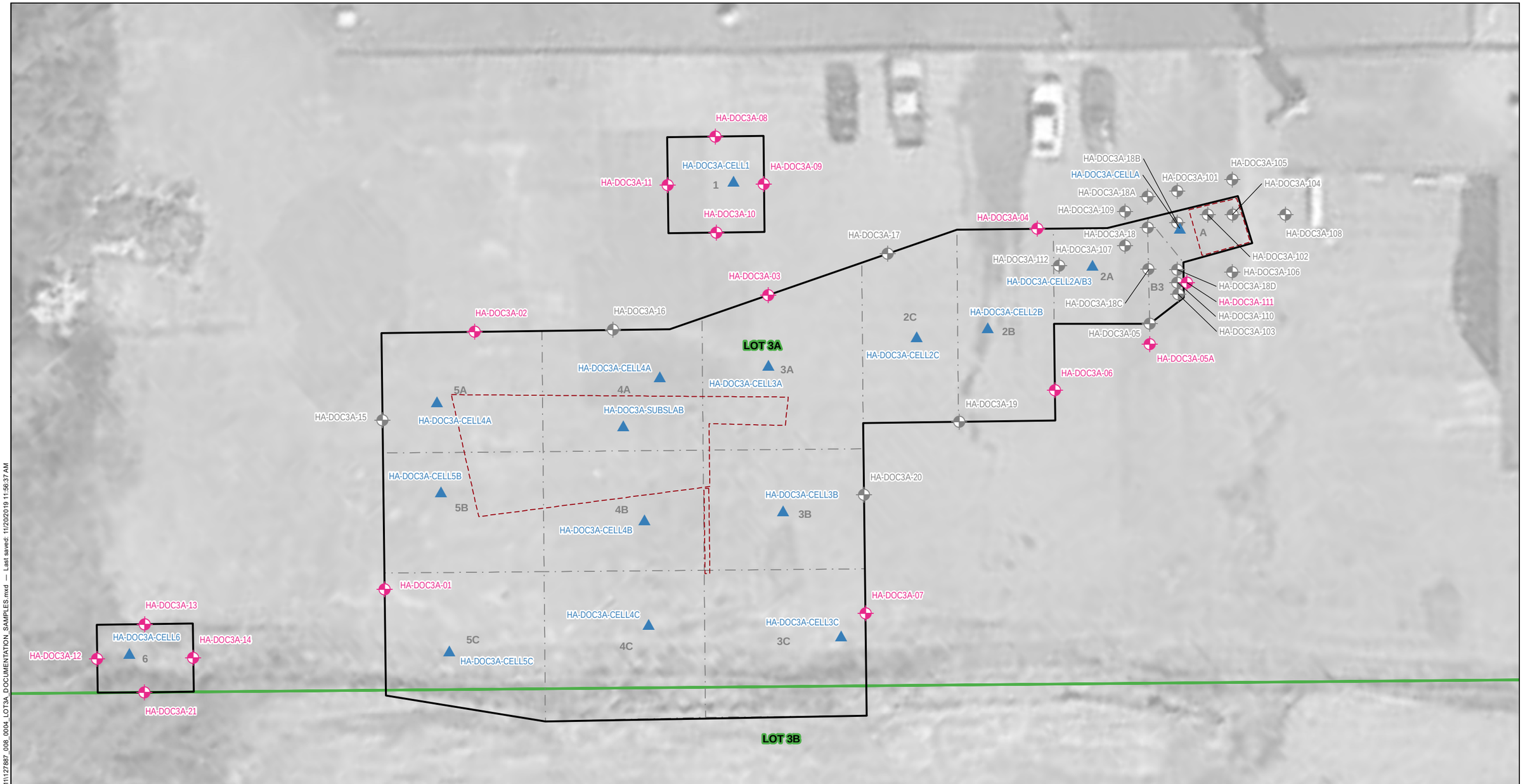

EXPLANATION

- Soil boring (visual screeing only)
- Documentation sidewall boring (analytical collected)
- Documentation bottom grab sample (analytical collected)
- Approximate excavation limits
- Approximate extent of concrete left in place
- Planned excavation cell boundary
- Property boundary

NOTES

1. All dimensions and locations are approximate.
2. Interior excavation cell boundaries were planned during Interim Remedial Measures Work Plan (IRMWP) development. Actual interior excavation cell boundaries varied due to subsurface conditions encountered during IRM construction.
3. Assessor parcel data source: Oneida County and Hoffman Land Surveying and Geomatics survey
4. Aerial imagery source: Google Earth, 2018

PROJECT LOCATION

SCALE IN FEET
0 10 20

Prepared for:

Greenfield Environmental Multistate Trust, LLC
Trustee of the Multistate Environmental Response Trust

FORMER FEDERAL CREOSOTE SITE
ROME, NEW YORK

Figure 4

EXCAVATION LIMITS AND DOCUMENTATION SAMPLE LOCATION PLAN

PROJECT: 127887	BY: ANICHOLS	REVISIONS:
DATE: DEC 2019	CHECKED: GW	

HALEY & ALDRICH OF NEW YORK

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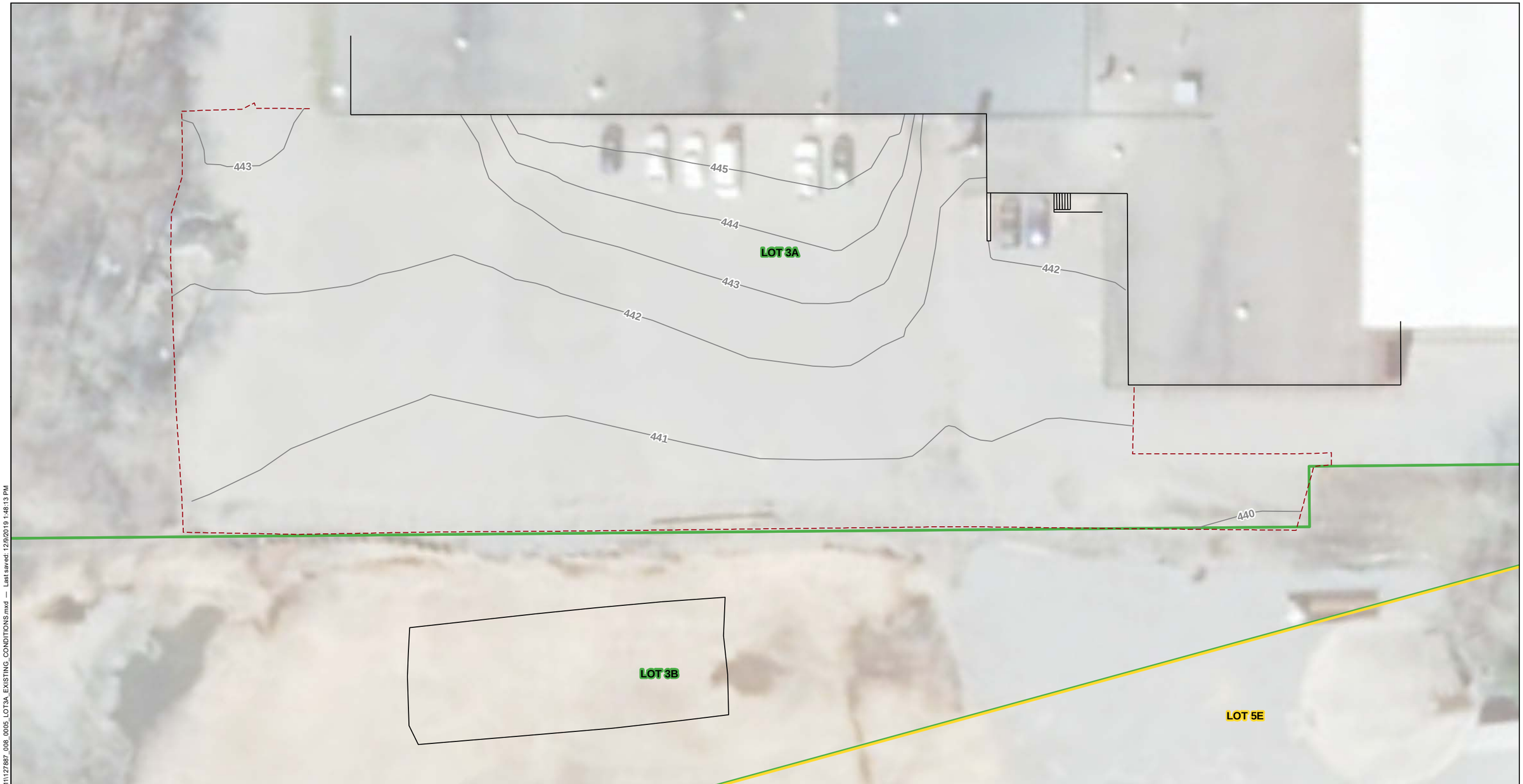

EXPLANATION

- Limits of area paved in September 2019
- Elevation contour, in feet (October 2019)
- Multistate Trust-owned parcel
- Parcel owned by others

NOTES

1. All dimensions and locations are approximate.
2. Assessor parcel data source: Oneida County and Hoffman Land Surveying and Geomatics survey
3. Topographic survey data source: Hoffman Land Surveying and Geomatics survey, 3 October 2019
4. Aerial imagery source: NYSGIS 2017

PROJECT LOCATION

SCALE IN FEET
0 10 20

Prepared for:

Greenfield Environmental Multistate Trust, LLC
Trustee of the Multistate Environmental Response Trust

FORMER FEDERAL CREOSOTE SITE
ROME, NEW YORK

Figure 5

POST-CONSTRUCTION TOPOGRAPHY AND EXTENTS OF PAVEMENT LOT 3A

PROJECT: 127887	BY: ANICHOLS	REVISIONS:
DATE: DEC 2019	CHECKED: GW	

HALEY & ALDRICH OF NEW YORK

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APPENDIX A

Regulatory Communication and Permits

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 6
Dulles State Office Building, 317 Washington Street, Watertown, NY 13601-3787
P: (315) 785-2513 | F: (315) 785-2422
www.dec.ny.gov

July 19, 2018

Mr. Kipp Eckert, P.E.
Portfolio and Project Manager
Greenfield Multistate Trust, LLC
1920 232nd Place SE
Bothell, WA 98021

RE: Site No. 633088, Former Federal Creosote Lots 3A, 3B, 5E & RR Parcel, Rome(C), Oneida County

Dear Mr. Eckert:

The Department and the New York State Department of Health (NYSDOH) have reviewed the "Lot 3A Interim Remedial Measures Work Plan," dated June 28, 2018, for the above-referenced site. Based on our review, we have the following comments:

1. Section 2.3.3 Pre-Excavation Sidewall Documentation Sampling (p. 4) – After discussing the site with Central Office staff, the remedy for the site will likely be source removal and as such, the analysis as outlined in Section 2.3.3 may be reduced. The documentation samples do not need to be analyzed for total RCRA 8 metals, and a limited number of the estimated 19 samples need to be analyzed for VOCs and SVOCs.

2. Section 2.3.4 Additional Documentation Sampling (p. 5) – Please see Comment #1 above. Since the remedy will likely be source removal only, the supplemental documentation sampling as requested by the Departments is no longer necessary. This section may be removed from the work plan.

3. Figure 5 Dewatering Cell – Please indicate the proposed location of the Dewatering Cell, as detailed in Figure 5, on Figure 3 – Project Execution Concept (Lot 3B/3A).

Please revise the work plan to address the comments above and submit for the Departments' review by August 10, 2018. An electronic version of the revised work plan is acceptable for submittal.

If you have any questions or would like to discuss these comments, please feel free to contact me at (315) 785-2522.

Sincerely,

Rachel K. Gardner

Rachel K. Gardner, E.I.T.
Project Manager

ec: Glenn White
Mary Jo Crance (NYSDEC)
Peter Ouderkirk (NYSDEC)
Greg Rys (NYSDOH)
Maureen Schuck (NYSDOH)
Peter Taylor (NYSDEC)

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 6
Dulles State Office Building, 317 Washington Street, Watertown, NY 13601-3787
P: (315) 785-2513 | F: (315) 785-2422
www.dec.ny.gov

August 20, 2018

Mr. Kipp Eckert, P.E.
Portfolio and Project Manager
Greenfield Multistate Trust, LLC
1920 232nd Place SE
Bothell, WA 98021

RE: Site No. 633088, Former Federal Creosote Lots 3A, 3B, 5E & RR Parcel, Rome(C), Oneida County

Dear Mr. Eckert:

The Department and the New York State Department of Health (NYSDOH) have reviewed the revised "Lot 3A Interim Remedial Measures Work Plan," dated August 10, 2018, for the above-referenced site. Based on our review, the revised work plan is approved.

We understand there will be continuous coordination with the Lot 3A property owners, OCIDA and Nortek, throughout the IRM activities. We recommend routine inspections of the Nortek Building and meetings with the owners to identify and evaluate any perceived areas of concern pertaining the installation of sheet piling and/or the performance of soil excavation.

If you have any questions, please feel free to contact me at (315) 785-2522.

Sincerely,

Rachel K. Gardner

Rachel K. Gardner, E.I.T.
Project Manager

RKG:ebl

ec: Glenn White
Mary Jo Crance (NYSDEC)
Peter Ouderkirk (NYSDEC)
Greg Rys (NYSDOH)
Maureen Schuck (NYSDOH)
Peter Taylor (NYSDEC)

JACQUELINE M. IZZO
Mayor

RICHARD KENEALY
Chief Operator
MATTHEW COPPOLA
Pretreatment Coordinator

CITY OF ROME
WATER POLLUTION CONTROL FACILITY
7180 E. Dominick St.
Rome, New York 13440-5815
Telephone: (315) 339-7775 Fax: (315) 339-7828
www.romenewyork.com

Mark N. Ramsdell P.E.
Senior Construction Project Manager
Haley & Aldrich Construction Services, Inc.
200 Town Center Drive-Suite 2
Rochester, New York 14623-4264

Re: Issuance of Industrial Discharge Permit

The enclosed permit "***HAL-1920***" covers the wastewater generated from the groundwater remediation site located off of Success Drive, this site is known as the Greenfield Trust remediation area. Wastewaters from this site will be discharged directly into the City sanitary sewer the POTW at 7180 East Dominick Street.

If you wish to appeal or challenge any condition imposed in this permit, petition shall be filed for modification or reissuance of this permit within thirty (30) days of receipt of this correspondence. Failure to petition for reconsideration of this permit within the allotted time is deemed a waiver by the permittee of his/her right to challenge the terms of this permit.

By: Butch Conover
Butch Conover
Commissioner of Public Works

Issued this 1st day of May 2019

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1.1 DISCHARGE PERMIT ISSUANCE NUMBER *HAL-1920*

The City of Rome Control Authority in accordance with the terms and conditions of the City of Rome Sewer Use Ordinance Section 74-61 through 74-285 and also with any applicable provisions of Federal or State Law or Regulation,

COMPANY NAME: ***Haley & Aldrich Construction Services, Inc.***

Jobsite Address: ***Success Drive , Rome New York***

Company Mailing Address: ***200 Town Centre Drive, Suite 2 Rochester, NY 14623-4264***

Is hereby authorized to discharge wastewater from the above facility. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, requirements under local, State, Federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit.

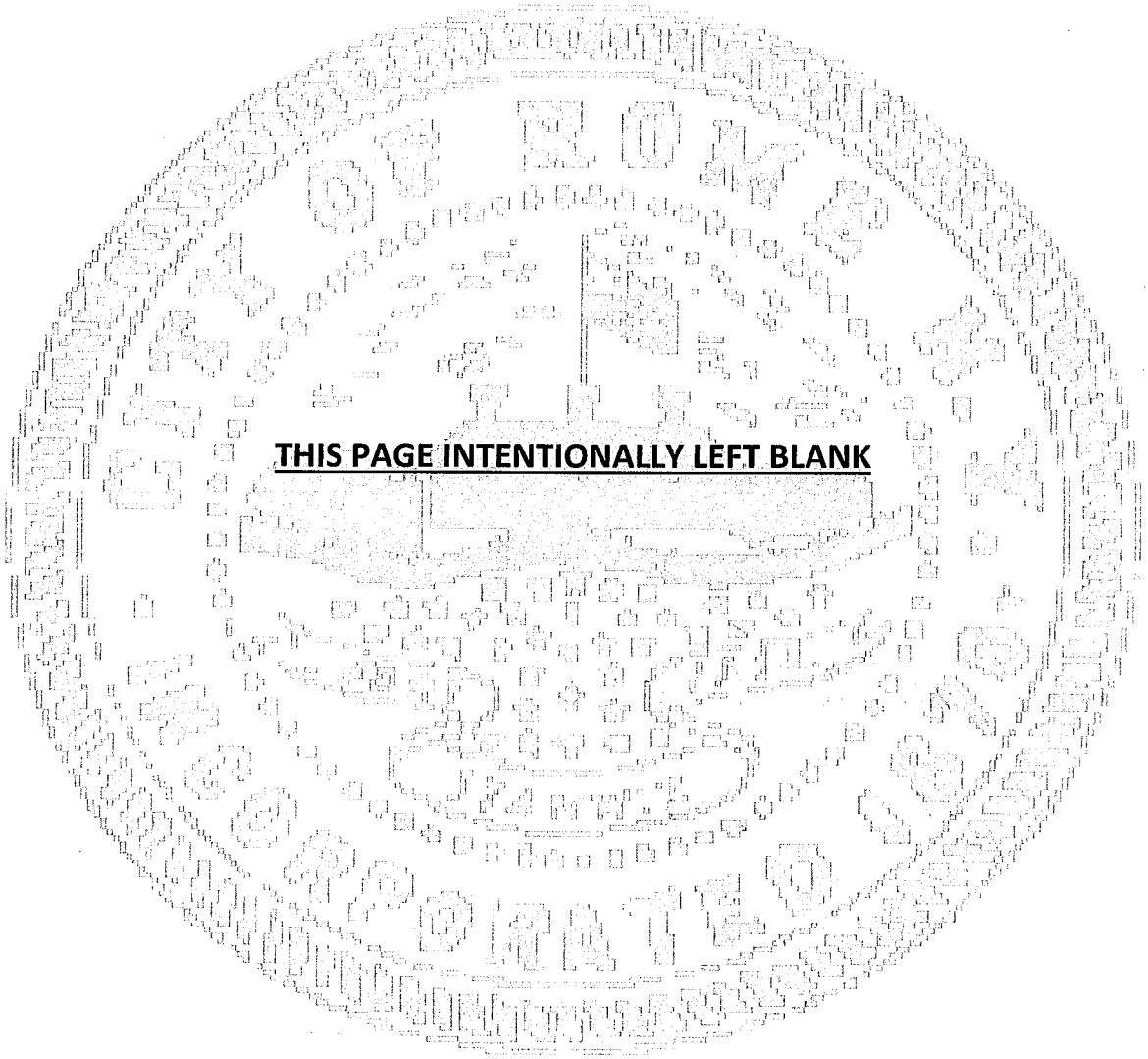
Noncompliance with any term or condition of this permit shall constitute a violation of the City of Rome Sewer Use Ordinance.

Signature Butch Conover
Butch Conover
Commissioner of Public Works

Issued this 1st day of May 2019

EXPIRATION DATE: April 30, 2020

This permit is granted in accordance with inspection(s) conducted by this office, and in conformity with plans, specifications and other data submitted to the Commissioner in support of the application, all of are filled with and considered as part of the above application, together with the following conditions and requirements.



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2.1 PERMIT CONDITIONS

All Industrial Users are accountable for their waste, and are required to comply with Federal discharge standards and Categorical Pretreatment Standards along with any conditions and limitations specified by the City of Rome Sewer Use Ordinance. The Wastewater Discharge Permit is the mechanism used by the Control Authority to regulate and control industrial discharges. Industrial Users shall fully comply with the terms and conditions of their permits in addition to the provisions of the Rome Sewer Use Ordinance. Violations of the permit's terms or conditions are deemed a violation of Rome's Sewer Use Ordinance and Federal regulations.

3.1 DESCRIPTION OF PERMITTED PROCESS AND SAMPLING LOCATION

A brief discussion of the facility and mode of operation is given. Process subject to Federal Categorical Standards are identified. The most stringent of the Federal Regulations and Rome Sewer Use Ordinance shall apply at the end of the regulated Process. Haley & Aldrich Construction Services will be the lead engineering firm for the groundwater remediation efforts at this site. Paragon has been contracted to carry out work at the groundwater remediation site. This site has a Contained-In determination set upon it by the New York State Department of Environmental Conservation (NYSDEC). All excavation water will be sent through Frac-Tanks prior to discharge to the City's sanitary sewer. Samples will be taken according to schedule which is outlined in the appendices of this permit. Due to the nature of this site analytical data must be reviewed prior to discharge and sent to NYSDEC personnel (Henry Wilkie) for final approval. Once blanket approval is given by the State, my office will be the lead in ensuring water from this site is handled and disposed of according to the City's sewer use ordinance. Arrangements have been made by this office to allow Haley & Aldrich to dispose of the waste water in a manhole on site. The City has the right to halt any discharge at anytime for any reason. If it is deemed that this discharge is not working in the way described, the City has the right to halt all discharges to the manhole. Exact records of volumes discharged must be kept. Haley & Aldrich must ensure that silt/ debris from the bottom portion of the frac-tanks do not entire the sanitary system.

4.1 MONITORING FACILITIES

The User shall provide and operate at its own expense, monitoring facilities to allow inspection, and sampling and flow measurement of building and/or internal and external drainage systems, at its own expense, monitoring facilities to allow inspection, sampling and flow measurement of building sewer and or internal or external drainage system. The monitoring facilities should be situated on the User's premises and located such that landscaping or parked vehicles will not obstruct it. Access shall be provided at all times to the City of Rome. There shall be ample room in or near any such facility to allow accurate sampling and preparation of such samples for analysis. Each facility shall be maintained at all times in safe and proper operating condition at the expense of the User. The sampling and monitoring facilities shall be provided in accordance with the City's requirements and all applicable local construction standards and specifications. The City reserves the right to inspect the construction of such monitoring facilities. The User shall provide for sampling the User's industrial processes which are subject to Federal regulations and the City of Rome Sewer Use Ordinance at the physical end of such process.

5.1 WASTEWATER DISCHARGE LIMITATIONS AND MONITORING FACILITIES

5.1.1 SAMPLING LOCATION

At Frac-Tank

Discharge location-Manhole on Success Drive-East of Nortek.

5.1.2 TYPE AND FREQUENCY OF SAMPLING

See table 1

5.1.3 APPLICABLE STANDARD(s)

Rome Sewer Use Ordinance

5.1.4 REGULATED POLLUTANTS AND DISCHARGE LIMITS

See Table 1

6.1 SELF-MONITORING AND REPORTING REQUIREMENTS

6.1.1 Quarterly SELF MONITORING REPORT

Reports shall include all monitoring performed during the reporting period that were arrived at using methodology used in section 6.1.2 and 6.1.3. Also, information in sections 6.1.4 through 6.1.11 shall be submitted and any additional reporting requirements under section 7.1.

6.1.2 ANALYTICAL METHODOLOGY

The requirements contained in the Code of Federal Regulations (CFR) 40 CFR 136, or EPA approved alternative procedure shall be used. All mercury testing should use EPA methods 1631 or 245.7.

6.1.3 REPRESENTATIVE SAMPLING

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at monitoring points specified in this permit and, unless otherwise specified, before effluent joins or is diluted by any other waste stream, body of water or substance.

6.1.4 ANALYTICAL REPORTING

For each report submitted, the following information shall be reported.

a) The exact place, date and time of sampling
b) The date analyses were performed
c) The person(s) who performed the analysis
d) The analytical techniques or methodology used
e) The results of all required analysis

6.1.5 CONTRACT LABORATORY CERTIFICATION

Such laboratories that have been issued a certificate of approval by the New York State Commissioner of Public Health shall conduct all laboratory tests or sample analyses required. Reference to this certification shall be included with the laboratory analyses test report.

6.1.6 REPORTING NON-COMPLIANCE EVENTS

If self-monitoring reveals a violation of any limitation specified herein, the User shall notify the Control Authority within 24 hours of becoming aware of the violation. The User shall also repeat the sampling and analysis and submit the results of the repeat analysis to the City within 30 days after becoming aware of the violation. The non-compliance and resampling results shall be included in all reports.

6.1.8 HAZARDOUS WASTE DISPOSAL

If hazardous waste is shipped out of the facility, all manifests that occurred during the reporting period shall be included in all quarterly reports.

6.1.9 CERTIFICATION REQUIREMENTS

The User shall submit with all reports the following signed certification statements:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possibilities of fines and imprisonment for knowing violation."

6. 1.10 SIGNATORY REQUIREMENTS

All reports required by this permit shall be signed by a principal executive Officer of the company, or his designee. The appointment of a designee to complete and sign reports, requires that the principal executive officer of the company submit to the city the following Certification Statement with the name and title of the designee prior to the submittal of the reports:

"I (Name and Title) designate (Name and Title) to sign reports and I certify Under penalty of law that this document and all attachments were prepared Under my direction or supervision in accordance with a system designed to Assure that qualified personnel properly gathered and evaluated the Information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibilities of fines and imprisonment for knowing violation."

Signature: _____ Date:_____

6.1.12 90 DAY SELF MONITORING REPORT SUBMITTAL

The user shall submit all required reports within thirty (30) days after reporting Period:

Send Report to:	Report Period	Date Due
City of Rome WPCF	January – March	April 30th
7180 East Dominick St	April-June	July 30th
Rome, New York 13440	July- September	October 30th
Attn: IPP Coordinator	October-December	January 30th

7.1 ADDITIONAL REPORTING REQUIREMENTS

7.1.1 CHANGE IN PROCESS AND/OR NATURE OF POLLUTANTS

The User shall notify the City in advance of proposed changes in the process and the introduction of any new constituents that would change the volume or characteristic of the discharge.

7.1.2 PRETREATMENT COMPLIANCE SCHEDULE REPORT

If additional pretreatment or operation and maintenance is required to meet pretreatment standards, the User shall provide the City with a detailed schedule indicating how and in the shortest amount of time,

7.1.3 PRODUCTION RATE DATA

The User shall, if applicable for the permit requirements, record and maintain a daily record of the production passing through the facility. The data shall be maintained on file, available to City personnel for determining production-based limits.

8.1 RIGHT OF ENTRY AND INSPECTION

The User shall allow the City, New York State DEC, United States EPA or its representative exhibiting credentials and identification, to enter upon the premises of the User, at all reasonable hours, for the purpose of inspection and sampling, or record inspection. Reasonable hours in the context of inspection and sampling include any time the User is operating any process, which may result in a process wastewater discharge to the City's sanitary sewer. The City or other authorized representatives shall be allowed to:

a) Have access to and copy, at reasonable times, any record that must be kept under the conditions of this permit.
b) Inspect at reasonable times any facilities, equipment, (including monitoring and control equipment), practices, or operations regulated or required under this permit.
c) Sample or monitor, for the purpose of assuring permit compliance, any substances or parameters at any location and;
d) Inspect any production, manufacturing, fabricating, or storage area (including waste storage area) where pollutants, regulated under the permit, could originate, be stored, or be discharges to the sewer system.

9.1 DILUTION

No User shall increase the use of potable or process water or, in any way attempt to dilute a discharge as a part or complete substitute for adequate treatment to achieve compliance with limitations contained in permit.

10.1 RECORDS RETENTION

(a) The User shall retain and preserve for no less than three (3) years any records, books, correspondence and any and all summaries thereof, relating to monitoring. Sampling and chemical analysis made by or in behalf of the User in connection with its discharge. This period may be extended by request of the City at any time.

(b) If records that pertain to matters that are subject of special orders or any other enforcement or litigation activities brought by the City shall be retained and preserved by the User until enforcement activities have concluded all periods of limitation with respect to any and all appeals.

11.1 CONFIDENTIAL INFORMATION

Except for data determined to be confidential under Division 6 Section 74-249 of the City of Rome Sewer Use Ordinance, all reports required by this permit shall be available for public inspection.

12.1 REVOCATION OF PERMIT

The permit issued to the User by the City of Rome may be revoked when, after inspection, monitoring or analysis it is determined that the discharge of wastewater to the sanitary sewer is in violation of Federal, State, or local laws, ordinances, or regulations. Additionally, falsification or intentional misrepresentation of data or statements pertaining to permit application or other required reporting shall be cause for permit revocation.

13.1 LIMITATION ON PERMIT TRANSFER

Wastewater discharge permits are issued to a specific User for a specific operation and are not assignable to another User or transferable to any other location without prior written approval of the City. Sale of a User's premises shall obligate the purchaser to seek prior written approval of the City for continued discharge to the sanitary sewer.

14.1 FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

Knowingly making any false statement or any report or other document required by this permit or knowingly rendering any monitoring device or method inaccurate, may result in punishment under criminal laws of the Federal, State or City, as well as being subjected to civil penalties and relief.

15.1 PERMIT MODIFICATION

a) The terms and conditions of this permit may be subjected to modification by the City at any time.

b) This permit may also be modified to incorporate special conditions resulting from the issuance of a special order.

c) The terms and conditions may be modified as a result of USEPA promulgating a new Federal pretreatment standard

d) Any permit modification, which results in a new condition(s) in the permit, shall include a reasonable time for compliance if necessary.

15.2 Special Arrangements

Haley & Aldrich will be held responsible for all damages that may occur to any City infrastructure due to the disposal of the above mentioned waste. Damages may include, but are not limited to the following, manhole lid retrieval, damage to the riser, cap or inner walls of the manhole itself. Any blockages in the city sanitary due to this discharge will be taken care of by Haley & Aldrich. Haley & Aldrich must have an employee present at the manhole while the lid of the manhole is off. Haley & Aldrich will be held responsible if any accidents occur at the above mentioned manhole. City personnel must be present at the initial discharge and may be present at any time.

16.1 SEVERABILITY

The provisions of this permit are severable, and if any provision of this, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

17.1 PROPERTY RIGHTS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Federal, State, or local regulations.

18.1 REQUIREMENTS AND DUTIES

18.1.1 RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS

The disposal of sludge(s) and spent chemicals shall be done in accordance with Section 405 of the Clean Water Act and subtitles C and D of the RCRA.

18.1.2 PERMIT REISSUANCE

The User shall apply for permit reissuance a minimum of ninety (90) days prior to the expiration of the User's existing permit. The terms and conditions of the permit may be subject to modification, by the Commissioner, during the term of the permit, as limitations or requirements, as identified in existing permit conditions, or other just cause exists. The User shall be informed of any proposed changes in his permit, at least thirty (30 days prior to effective date of change. Any change or new conditions in the reissued permit shall include a reasonable time schedule for compliance.

18.1.3 DUTY TO COMPLY

The User must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action, or enforcement proceeding including civil or criminal penalties, injunctive relief, and summery abatements.

18.1.4 PROPER OPERATION AND MAINTENANCE

The User shall at all times properly operate and maintain all facilities and systems of treatment and control and related appurtenances which are installed or used by User to achieve compliance with the conditions of this permit. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with conditions of the permit.

18.1.5 DUTY TO PROVIDE INFORMATION

The User shall furnish to the City of Rome, within 24-hours any information which the City may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The User shall also, upon request, furnish to the City of Rome within 24 hours copies of any records required to be maintained by this permit.

18.1.6 DUTY TO MITIGATE

The User shall take all reasonable steps to minimize or correct any adverse impact to the POTW or environment resulting from non-compliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.

18.1.7 FLOW MEASUREMENTS

Flow measurement is required by this permit. All wastewater leaving the frac-tank must be metered. The appropriate flow measurement devices and methods consistent with scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharge. The devices shall be installed, calibrated, and maintained to ensure the accuracy of the measurements is consistent with the accepted capability of the type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10 percent from the true discharge rates throughout the range of the expected discharge volumes. Documentation of regular calibration shall be available to City officials at anytime.

19.1 ANNUAL PUBLICATION

The City in the official daily newspaper within its service area shall at least annually publish a list of industrial users, which, at any time during the previous twelve months, were in significant noncompliance with applicable pretreatment requirements. Accordingly, the User is apprised that noncompliance with this permit may lead to enforcement action and result in publication of its name in an appropriate newspaper in accordance with this section.

20.1 PENALTIES

(a) The City of Rome Sewer Use Ordinance, Article III, Division 2, Section 74-98 provides that any person found in violation of a permit condition or article of this Sewer Use Ordinance may be fined a minimum of$1000.00 for each violation, provided that the violation is not the cause of a malfunction or efficiency reduction in any process of the POTW treatment plant resulting in a violation of the City's National Pollutant Discharge Elimination System (NPDES) or State Pollutant Discharge Elimination System (SPDES) discharge permit.

(b) Any person committing a violation of this article resulting in a malfunction or process upset in the POTW treatment plant which, in turn, causes a violation in the City's NPDES or SPDES permit shall be liable for the fine charged by the U.S. Environmental Protection Agency and any other applicable enforcement agency plus any expense, loss or damage incurred by the City because of such violation.

(c) Any person who knowingly makes false statement, representation or certification in any application, record, report, plan, or other document filed or required to be maintained pursuant to this article or a wastewater discharge permit or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this article may be punished by a fine of a minimum of $1000.00 or by imprisonment for not more than six months or by both. Each act shall constitute a separate violation.

21.1 RECOVERY OF COSTS

In addition to civil and criminal liability, the User violating any provisions of this permit or causing damage to or otherwise inhibiting the City of Rome POTW and/or sanitary tributaries shall be liable to the City of Rome for any expense, loss or damage caused by such violation or discharge. The City shall bill the User for any cleaning, repair, or replacement work caused by the violation or discharge. Refusal to pay the assessed costs shall constitute a separate violation of the City of Rome Sewer Use Ordinance.

22.1 INDUSTRIAL USER FEE

The permit and regulation fee includes sampling, physical and analytical monitoring, and administrative costs. The Commissioner shall have the authority to determine an annual fee based on a composite of charges.

The charges for this site will be $0.03/ gallon

ANNUAL FEE: $500.00

Permit fee will be billed with the next quarterly bill.

City of Rome Water Pollution Control Facility
7180 East Dominick Street
Rome, New York 13440-6355
Attention: IPP Coordinator

CITY OF ROME WATER POLLUTION CONTROL FACILITY
SUCCESS DRIVE REMEDIATION SITE PARAMETER/ LIMIT SPREADSHEET
PERMIT: HAL-1920

Table 1

Haley & Aldrich is required to collect a sample prior to the first discharge. You then will be required to sample once per week for the first month. After the completion of the first month, you must sample once per month until the end of the project. The City of Rome WPCF retains the right at any time to increase or decrease the sample volume required.

Haley & Aldrich is required to sample and analyze for volatiles, semi volatiles, metals, pH and TSS.

PARAMETER	LIMIT	PARAMETER	LIMIT	PARAMETER	LIMIT
BENZENE	0.13 mg/l	ARSENIC	0.22 mg/l	SILVER	0.43 mg/l
ETHYL BENZENE	1.59 mg/l	CADMIUM	0.11 mg/l	ZINC	2.60 mg/l
TOLUENE	1.35 mg/l	CHROMIUM	2.77 mg/l	LEAD	1.10 mg/l
XYLENE	1.35 mg/l	COPPER	1.30 mg/l	Ph	5.5 su- 11.5 su
TOTAL BTEX	2.87 mg/l	MERCURY	0.20 mg/l		
TOTAL SUSP. SOLIDS	250 mg/l	NICKEL	1.90 mg/l		

From: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Sent: Tuesday, August 06, 2019 9:14 AM
To: Austin Hofmeister <ah@g-etg.com>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Richard Elliott <re@g-etg.com>; Taylor, Peter (DEC) <peter.taylor@dec.ny.gov>
Subject: RE: Multistate Trust: Rome- Confirmation soil boring needed below concrete slab

CAUTION: External Email

Yes Austin, your summary adequately summarizes our phone conversation yesterday. A boring in the vicinity of HA-3A-23 will allow us to document if any creosote saturation is located under the concrete slab. Based on the slab's depth and thickness, the clay layer at the site, and the surrounding investigation soil borings, we do not anticipate to find significant creosote product underneath the slab. If ***significant*** creosote product is found, we may need to have another discussion regarding the slab. However at this time, we are on board with the current plan to leave the concrete structure in plan, excavating above and around the structure, followed by backfilling with stone.

If you have any questions, just let me know.

Thanks,
Rachel

Rachel K. Gardner, E.I.T.
Assistant Engineer, Region 6 Environmental Remediation

New York State Department of Environmental Conservation
317 Washington Street, Watertown, NY 13601
P: (315) 785-2522 | F: (315) 785-2242 | rachel.gardner@dec.ny.gov
www.dec.ny.gov | | |

From: Austin Hofmeister <ah@g-etg.com>
Sent: Monday, August 05, 2019 11:59 AM
To: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Richard Elliott <re@g-etg.com>

Subject: Multistate Trust: Rome- Confirmation soil boring needed below concrete slab

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Quick email to summarize our call earlier this morning. NYSDEC would like a confirmation soil boring collected under the concrete slab, located in the vicinity of boring HA -3A-23. The boring will be used to document if any creosote saturated soil is present under the slab. The current plan is to leave the concrete structure in place, excavate above and around the structure, backfill the cells with stone leaving the concrete structure in the ground, after excavation activities have been completed. Let me know if I missed anything.

Thank you,
Austin

Austin Hofmeister
Project Manager
Greenfield Environmental Multistate Trust LLC,
Trustee of the Multistate Environmental Response Trust
Greenfield Environmental Trust Group, Inc., Member
Cell: (850) 228-9421
Email: ah@g-etg.com
Website: www.greenfieldenvironmental.com

GREENFIELD
ENVIRONMENTAL TRUST GROUP

From: Taylor, Peter (DEC) <peter.taylor@dec.ny.gov>
Sent: Tuesday, August 20, 2019 2:31 PM
To: Austin Hofmeister <ah@g-etg.com>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Mondello, Claire <CMondello@haleyaldrich.com>; Ramsdell, Mark <MRamsdell@haleyaldrich.com>; Richard Elliott <re@g-etg.com>; Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Subject: RE: Multistate Trust: Rome-summary large concrete wall left in place-cell 3B

CAUTION: External Email

This is good news Austin. Rachel should be back tomorrow and there are any concerns we'll get back in touch with you. Peter T.

Peter R. Taylor, P.E.
Regional Remediation Engineer, Region 6

New York State Department of Environmental Conservation
317 Washington Street, Watertown, NY 13601
P: (315) 785-2513 | F: (315) 785-2422 | peter.taylor@dec.ny.gov

www.dec.ny.gov | | |

From: Austin Hofmeister <ah@g-etg.com>
Sent: Tuesday, August 20, 2019 11:22 AM
To: Taylor, Peter (DEC) <peter.taylor@dec.ny.gov>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Mondello, Claire <CMondello@haleyaldrich.com>; Ramsdell, Mark <MRamsdell@haleyaldrich.com>; Richard Elliott <re@g-etg.com>
Subject: FW: Multistate Trust: Rome-summary large concrete wall left in place-cell 3B

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Sounds like Rachel is out of town this week. I wanted to keep NYSDEC up to date. HCS will be backfilling Cells 3B and 3C today. Cell 3B has a portion of the concrete wall remaining in place (as described in the email below.) Let me know if you have any questions.

Thank you,
Austin

Austin Hofmeister
Project Manager
Greenfield Environmental Multistate Trust LLC,
Trustee of the Multistate Environmental Response Trust
Greenfield Environmental Trust Group, Inc., Member
Cell: (850) 228-9421
Email: ah@g-etg.com
Website: www.greenfieldenvironmental.com

From: Austin Hofmeister <ah@g-etg.com>
Date: Friday, August 16, 2019 at 5:02 PM
To: "Gardner, Rachel K (DEC)" <rachel.gardner@dec.ny.gov>
Cc: "Mondello, Claire" <CMondello@haleyaldrich.com>, "White, Glenn" <GWhite@haleyaldrich.com>, "Ramsdell, Mark" <MRamsdell@haleyaldrich.com>, Richard Elliott <re@g-etg.com>
Subject: Multistate Trust: Rome-summary large concrete wall left in place-cell 3B

Rachel,

I received a call from Glenn later this afternoon. HCS found another large concrete wall (1 ft thick) in cells 3B and 3C. HCS was able to remove all of the wall in cell 3C (since that portion of the wall did not extend very deep.) HCS was not able to remove all of the wall in cell 3B, because the wall extends deeper than 12 ft bgs (clay at 8.5 ft bgs.) They did remove all of the wall that was exposed above the clay in cell 3B. There was no indication of creosote saturated soil around the concrete wall. The clay encountered at approximately 8.5 ft bgs was clean. Attached is a sketch of the 30ft linear concrete wall which is being left in place below the clay layer. Give me a call if you have any questions.

Thank you,
Austin

Austin Hofmeister
Project Manager
Greenfield Environmental Multistate Trust LLC,
Trustee of the Multistate Environmental Response Trust
Greenfield Environmental Trust Group, Inc., Member
Cell: (850) 228-9421
Email: ah@g-etg.com
Website: www.greenfieldenvironmental.com

APPENDIX B

Contained-In Documentation

Soil Documentation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

July 16, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1929111-01) submitted with your July 10, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile (Sample ID: L1929111-01), approximately 300 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

10 July 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190710-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 300 cubic yard pile (representative of 500 tons) of soil and/or concrete was generated for disposal and designated as SP-01. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP01-190702-1530

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-01\2019_0710_SP-01_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1929111
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/09/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929111-01	SP01-190702-1530	SOIL	ROME, NY	07/02/19 15:30	07/02/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1929111
Project Number:	127887-007	**Report Date:**	07/09/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1929111
Project Number:	127887-007	**Report Date:**	07/09/19

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

L1929111-01 (SP01-190702-1530): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1929111-01 (SP01-190702-1530): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

L1929111-01 (SP01-190702-1530): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

TCLP Semivolatiles

The WG1256729-2/-3 LCS/LCSD RPD, associated with L1929111-01 (SP01-190702-1530), is above the acceptance criteria for pyridine (65%).

Total Metals

L1929111-01 (SP01-190702-1530): 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: Amita Naik

Title: Technical Director/Representative Date: 07/09/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/08/19 09:01
Analyst: MM
Percent Solids: 86%
TCLP/SPLP Ext. Date: 07/03/19 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	2.2	J	ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
dibromofluoromethane	106		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/19 07:44
Analyst: MM
TCLP/SPLP Extraction Date: 07/03/19 12:25

Extraction Date: 07/03/19 12:25

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1257041-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1257041-3 WG1257041-4								
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
Tetrachloroethene	88		88		70-130	0		20
Chlorobenzene	88		90		75-130	2		25
1,2-Dichloroethane	100		98		70-130	2		20
Benzene	110		110		70-130	0		25
Vinyl chloride	96		100		55-140	4		20
1,1-Dichloroethene	86		88		61-145	2		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	79		81		70-130	3		20
2-Butanone	120		110		63-138	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		88		70-130
Toluene-d8	94		95		70-130
4-Bromofluorobenzene	97		98		70-130
dibromofluoromethane	103		103		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/08/19 09:47
Analyst: ALS
Percent Solids: 86%
TCLP/SPLP Ext. Date: 07/03/19 06:07

Extraction Method: EPA 3510C
Extraction Date: 07/06/19 13:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	44		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01 D2
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/08/19 21:35
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/03/19 16:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	270000		ug/kg	19000	2300	100

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01 D
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/08/19 21:10
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/03/19 16:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	52000		ug/kg	3100	400	20
Hexachlorobenzene	ND		ug/kg	2300	430	20
Bis(2-chloroethyl)ether	ND		ug/kg	3400	520	20
2-Chloronaphthalene	ND		ug/kg	3800	380	20
3,3'-Dichlorobenzidine	ND		ug/kg	3800	1000	20
2,4-Dinitrotoluene	ND		ug/kg	3800	770	20
2,6-Dinitrotoluene	ND		ug/kg	3800	660	20
Fluoranthene	79000		ug/kg	2300	440	20
4-Chlorophenyl phenyl ether	ND		ug/kg	3800	410	20
4-Bromophenyl phenyl ether	ND		ug/kg	3800	590	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4600	660	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4200	380	20
Hexachlorobutadiene	ND		ug/kg	3800	560	20
Hexachlorocyclopentadiene	ND		ug/kg	11000	3500	20
Hexachloroethane	ND		ug/kg	3100	620	20
Isophorone	ND		ug/kg	3400	500	20
Naphthalene	170000	E	ug/kg	3800	470	20
Nitrobenzene	ND		ug/kg	3400	570	20
NDPA/DPA	ND		ug/kg	3100	440	20
n-Nitrosodi-n-propylamine	ND		ug/kg	3800	590	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3800	1300	20
Butyl benzyl phthalate	ND		ug/kg	3800	970	20
Di-n-butylphthalate	ND		ug/kg	3800	730	20
Di-n-octylphthalate	ND		ug/kg	3800	1300	20
Diethyl phthalate	ND		ug/kg	3800	360	20
Dimethyl phthalate	ND		ug/kg	3800	810	20
Benzo(a)anthracene	24000		ug/kg	2300	430	20
Benzo(a)pyrene	9600		ug/kg	3100	940	20

Project Name: LOT 3A IRM **Lab Number:** L1929111

Project Number: 127887-007 **Report Date:** 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01 D Date Collected: 07/02/19 15:30

Client ID: SP01-190702-1530 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	15000		ug/kg	2300	650	20
Benzo(k)fluoranthene	4200		ug/kg	2300	620	20
Chrysene	16000		ug/kg	2300	400	20
Acenaphthylene	8600		ug/kg	3100	590	20
Anthracene	35000		ug/kg	2300	750	20
Benzo(ghi)perylene	3000	J	ug/kg	3100	450	20
Fluorene	62000		ug/kg	3800	370	20
Phenanthrene	120000		ug/kg	2300	470	20
Dibenzo(a,h)anthracene	1100	J	ug/kg	2300	440	20
Indeno(1,2,3-cd)pyrene	4000		ug/kg	3100	540	20
Pyrene	55000		ug/kg	2300	380	20
Biphenyl	16000		ug/kg	8800	890	20
4-Chloroaniline	ND		ug/kg	3800	700	20
2-Nitroaniline	ND		ug/kg	3800	740	20
3-Nitroaniline	ND		ug/kg	3800	720	20
4-Nitroaniline	ND		ug/kg	3800	1600	20
Dibenzofuran	52000		ug/kg	3800	360	20
2-Methylnaphthalene	72000		ug/kg	4600	460	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3800	400	20
Acetophenone	ND		ug/kg	3800	480	20
2,4,6-Trichlorophenol	ND		ug/kg	2300	730	20
p-Chloro-m-cresol	ND		ug/kg	3800	570	20
2-Chlorophenol	ND		ug/kg	3800	450	20
2,4-Dichlorophenol	ND		ug/kg	3400	620	20
2,4-Dimethylphenol	ND		ug/kg	3800	1300	20
2-Nitrophenol	ND		ug/kg	8300	1400	20
4-Nitrophenol	ND		ug/kg	5400	1600	20
2,4-Dinitrophenol	ND		ug/kg	18000	1800	20
4,6-Dinitro-o-cresol	ND		ug/kg	10000	1800	20
Pentachlorophenol	ND		ug/kg	3100	840	20
Phenol	ND		ug/kg	3800	580	20
2-Methylphenol	ND		ug/kg	3800	600	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5500	600	20
2,4,5-Trichlorophenol	ND		ug/kg	3800	740	20
Carbazole	20000		ug/kg	3800	370	20
Atrazine	ND		ug/kg	3100	1300	20
Benzaldehyde	ND		ug/kg	5100	1000	20

Project Name: LOT 3A IRM **Lab Number:** L1929111

Project Number: 127887-007 **Report Date:** 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01 D
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	3800	1200	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3800	780	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	75		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/19 08:06
Analyst: ALS
TCLP/SPLP Extraction Date: 07/02/19 05:11

Extraction Method: EPA 3510C
Extraction Date: 07/06/19 13:30

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1256729-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	47		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

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: WG1256107-2 WG1256107-3								
Acenaphthene	70		65		31-137	7		50
Hexachlorobenzene	70		66		40-140	6		50
Bis(2-chloroethyl)ether	70		66		40-140	6		50
2-Chloronaphthalene	74		69		40-140	7		50
3,3'-Dichlorobenzidine	62		59		40-140	5		50
2,4-Dinitrotoluene	69		65		40-132	6		50
2,6-Dinitrotoluene	78		72		40-140	8		50
Fluoranthene	70		67		40-140	4		50
4-Chlorophenyl phenyl ether	67		63		40-140	6		50
4-Bromophenyl phenyl ether	71		67		40-140	6		50
Bis(2-chloroisopropyl)ether	76		71		40-140	7		50
Bis(2-chloroethoxy)methane	74		72		40-117	3		50
Hexachlorobutadiene	70		65		40-140	7		50
Hexachlorocyclopentadiene	63		61		40-140	3		50
Hexachloroethane	70		68		40-140	3		50
Isophorone	75		73		40-140	3		50
Naphthalene	69		64		40-140	8		50
Nitrobenzene	70		67		40-140	4		50
NDPA/DPA	70		66		36-157	6		50
n-Nitrosodi-n-propylamine	77		72		32-121	7		50
Bis(2-ethylhexyl)phthalate	86		80		40-140	7		50
Butyl benzyl phthalate	75		72		40-140	4		50
Di-n-butylphthalate	76		71		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

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: WG1256107-2 WG1256107-3								
Di-n-octylphthalate	84		79		40-140	6		50
Diethyl phthalate	73		70		40-140	4		50
Dimethyl phthalate	71		68		40-140	4		50
Benzo(a)anthracene	65		62		40-140	5		50
Benzo(a)pyrene	66		61		40-140	8		50
Benzo(b)fluoranthene	59		55		40-140	7		50
Benzo(k)fluoranthene	77		71		40-140	8		50
Chrysene	76		71		40-140	7		50
Acenaphthylene	77		73		40-140	5		50
Anthracene	69		66		40-140	4		50
Benzo(ghi)perylene	68		63		40-140	8		50
Fluorene	71		67		40-140	6		50
Phenanthrene	66		61		40-140	8		50
Dibenzo(a,h)anthracene	67		62		40-140	8		50
Indeno(1,2,3-cd)pyrene	61		57		40-140	7		50
Pyrene	70		66		35-142	6		50
Biphenyl	76		72		54-104	5		50
4-Chloroaniline	70		73		40-140	4		50
2-Nitroaniline	75		72		47-134	4		50
3-Nitroaniline	66		64		26-129	3		50
4-Nitroaniline	72		69		41-125	4		50
Dibenzofuran	70		65		40-140	7		50
2-Methylnaphthalene	69		64		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

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: WG1256107-2 WG1256107-3								
1,2,4,5-Tetrachlorobenzene	74		71		40-117	4		50
Acetophenone	75		71		14-144	5		50
2,4,6-Trichlorophenol	73		68		30-130	7		50
p-Chloro-m-cresol	80		74		26-103	8		50
2-Chlorophenol	75		72		25-102	4		50
2,4-Dichlorophenol	82		76		30-130	8		50
2,4-Dimethylphenol	78		75		30-130	4		50
2-Nitrophenol	74		69		30-130	7		50
4-Nitrophenol	73		68		11-114	7		50
2,4-Dinitrophenol	37		32		4-130	14		50
4,6-Dinitro-o-cresol	70		65		10-130	7		50
Pentachlorophenol	72		68		17-109	6		50
Phenol	73		69		26-90	6		50
2-Methylphenol	77		74		30-130.	4		50
3-Methylphenol/4-Methylphenol	83		81		30-130	2		50
2,4,5-Trichlorophenol	81		78		30-130	4		50
Carbazole	70		66		54-128	6		50
Atrazine	76		73		40-140	4		50
Benzaldehyde	75		70		40-140	7		50
Caprolactam	77		77		15-130	0		50
2,3,4,6-Tetrachlorophenol	74		71		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929111

Report Date: 07/09/19

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: WG1256107-2 WG1256107-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		69		25-120
Phenol-d6	76		73		10-120
Nitrobenzene-d5	78		75		23-120
2-Fluorobiphenyl	75		71		30-120
2,4,6-Tribromophenol	73		69		10-136
4-Terphenyl-d14	72		67		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1256729-2 WG1256729-3								
Hexachlorobenzene	51		52		40-140	2		30
2,4-Dinitrotoluene	61		65		40-132	6		30
Hexachlorobutadiene	52		52		28-111	0		30
Hexachloroethane	55		54		21-105	2		30
Nitrobenzene	62		62		40-140	0		30
2,4,6-Trichlorophenol	60		63		30-130	5		30
Pentachlorophenol	76		79		9-103	4		30
2-Methylphenol	58		58		30-130	0		30
3-Methylphenol/4-Methylphenol	57		58		30-130	2		30
2,4,5-Trichlorophenol	61		63		30-130	3		30
Pyridine	22		43		10-66	**65**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		52		21-120
Phenol-d6	54		54		10-120
Nitrobenzene-d5	63		62		23-120
2-Fluorobiphenyl	57		57		15-120
2,4,6-Tribromophenol	54		58		10-120
4-Terphenyl-d14	53		56		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

TCLP/SPLP Ext. Date: 07/03/19 06:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Barium, TCLP	0.322	J	mg/l	0.500	0.021	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/09/19 09:06	07/09/19 12:11	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

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	4.43	0.337	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Arsenic, Total	4.70		mg/kg	0.886	0.184	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Barium, Total	15.0		mg/kg	0.886	0.154	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Beryllium, Total	0.151	J	mg/kg	0.443	0.029	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Cadmium, Total	0.248	J	mg/kg	0.886	0.087	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Chromium, Total	4.48		mg/kg	0.886	0.085	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Copper, Total	6.99		mg/kg	0.886	0.229	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Lead, Total	3.74	J	mg/kg	4.43	0.238	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.074	0.048	1	07/04/19 10:10	07/08/19 13:01	EPA 7471B	1,7471B	GD
Nickel, Total	5.32		mg/kg	2.22	0.214	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Selenium, Total	0.239	J	mg/kg	1.77	0.229	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.886	0.251	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.77	0.279	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Vanadium, Total	8.78		mg/kg	0.886	0.180	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Zinc, Total	92.7		mg/kg	4.43	0.260	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1929111

Project Number: 127887-007 **Report Date:** 07/09/19

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: WG1256422-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC

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 Batch: WG1256548-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/04/19 10:10	07/08/19 11:38	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1257054-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1929111

Project Number: 127887-007 **Report Date:** 07/09/19

Method Blank Analysis
Batch Quality Control

Cadmium, TCLP	ND	mg/l	0.100	0.010	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Chromium, TCLP	ND	mg/l	0.200	0.021	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Lead, TCLP	ND	mg/l	0.500	0.027	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Selenium, TCLP	ND	mg/l	0.500	0.035	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Silver, TCLP	ND	mg/l	0.100	0.028	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/02/19 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1257441-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/09/19 09:06	07/09/19 12:07	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/02/19 05:11

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1256422-2 SRM Lot Number: D105-540								
Antimony, Total	126		-		19-249	-		
Arsenic, Total	98		-		70-130	-		
Barium, Total	93		-		75-125	-		
Beryllium, Total	99		-		75-125	-		
Cadmium, Total	100		-		75-125	-		
Chromium, Total	92		-		70-130	-		
Copper, Total	90		-		75-125	-		
Lead, Total	90		-		71-128	-		
Nickel, Total	97		-		70-131	-		
Selenium, Total	97		-		63-137	-		
Silver, Total	89		-		69-131	-		
Thallium, Total	96		-		68-132	-		
Vanadium, Total	90		-		65-135	-		
Zinc, Total	95		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1256548-2 SRM Lot Number: D105-540								
Mercury, Total	104		-		60-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1257054-2					
Arsenic, TCLP	111	-	75-125	-	20
Barium, TCLP	100	-	75-125	-	20
Cadmium, TCLP	105	-	75-125	-	20
Chromium, TCLP	101	-	75-125	-	20
Lead, TCLP	101	-	75-125	-	20
Selenium, TCLP	110	-	75-125	-	20
Silver, TCLP	98	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1257441-2					
Mercury, TCLP	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

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 QC Batch ID: WG1256422-3 QC Sample: L1928386-02 Client ID: MS Sample												
Antimony, Total	ND	42	36.7	87		-	-		75-125	-		20
Arsenic, Total	0.275J	10.1	11.2	111		-	-		75-125	-		20
Barium, Total	35.8	168	207	102		-	-		75-125	-		20
Beryllium, Total	ND	4.2	4.14	98		-	-		75-125	-		20
Cadmium, Total	0.094J	4.28	4.31	101		-	-		75-125	-		20
Chromium, Total	7.51	16.8	24.5	101		-	-		75-125	-		20
Copper, Total	15.5	21	35.4	95		-	-		75-125	-		20
Lead, Total	2.40J	42.8	43.6	102		-	-		75-125	-		20
Nickel, Total	9.37	42	47.5	91		-	-		75-125	-		20
Selenium, Total	0.335J	10.1	10.8	107		-	-		75-125	-		20
Silver, Total	ND	25.2	26.2	104		-	-		75-125	-		20
Thallium, Total	ND	10.1	8.12	80		-	-		75-125	-		20
Vanadium, Total	13.9	42	57.3	103		-	-		75-125	-		20
Zinc, Total	24.0	42	66.8	102		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1256548-3 WG1256548-4 QC Sample: L1929343-11 Client ID: MS Sample												
Mercury, Total	ND	0.153	0.135	88		0.147	96		80-120	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257054-3 QC Sample: L1929111-01 Client ID: SP01-190702-1530									
Arsenic, TCLP	ND	1.2	1.34	112	-	-	75-125	-	20
Barium, TCLP	0.322J	20	20.3	102	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.529	104	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.06	103	-	-	75-125	-	20
Lead, TCLP	ND	5.1	5.10	100	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.29	108	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.498	100	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257441-3 QC Sample: L1929111-01 Client ID: SP01-190702-1530									
Mercury, TCLP	ND	0.025	0.0260	104	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929111

Report Date: 07/09/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1256422-4 QC Sample: L1928386-02 Client ID: DUP Sample						
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.275J	0.365J	mg/kg	NC		20
Barium, Total	35.8	37.0	mg/kg	3		20
Beryllium, Total	ND	ND	mg/kg	NC		20
Cadmium, Total	0.094J	0.087J	mg/kg	NC		20
Chromium, Total	7.51	7.47	mg/kg	1		20
Copper, Total	15.5	14.5	mg/kg	7		20
Lead, Total	2.40J	2.68J	mg/kg	NC		20
Nickel, Total	9.37	10.1	mg/kg	7		20
Selenium, Total	0.335J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	13.9	13.0	mg/kg	7		20
Zinc, Total	24.0	26.7	mg/kg	11		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929111

Report Date: 07/09/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257054-4 QC Sample: L1929111-01 Client ID: SP01-190702-1530					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.322J	0.304J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257441-4 QC Sample: L1929111-01 Client ID: SP01-190702-1530					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	07/03/19 07:47	121,2540G	CG

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929111

Report Date: 07/09/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256109-1 QC Sample: L1928941-01 Client ID: DUP Sample						
Solids, Total	83.0	80.8	%	3		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929111-01A	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1929111-01B	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1929111-01C	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		TCLP-EXT-ZHE(14)
L1929111-01D	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14)
L1929111-01S	Vial unpreserved Extracts	A	NA		3.5	Y	Absent		TCLP-VOA(14)
L1929111-01T	Vial unpreserved Extracts	A	NA		3.5	Y	Absent		TCLP-VOA(14)
L1929111-01W	Plastic 120ml HNO3 preserved Extracts	A	NA		3.5	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1929111-01X9	Tumble Vessel	A	NA		3.5	Y	Absent		-
L1929111-01Y	Amber 1000ml unpreserved Extracts	A	NA		3.5	Y	Absent		TCLP-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1929111
Project Number:	127887-007	**Report Date:**	07/09/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1929111
Project Number:	127887-007	**Report Date:**	07/09/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1929111
Project Number: 127887-007 **Report Date:** 07/09/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/3/19

ALPHA Job #: L1929111

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals				Total Bottles	Sample Specific Comments
29111 -01	SP01-190702-1530	7/2/2019	1530	S	DMN	NA	X	X	X	X	X					N
Container Type							A	A	A	A	A					
Preservative							A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[illegible] AAL	7/2/19 1620	AAL [illegible]	7/2/19 1620
[illegible]	7/2/19 1620	[illegible] AAL	7/3/19 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

July 17, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1930539-01) submitted with your July 17, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile (Sample ID: L1930539-01), approximately 250 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

17 July 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190717-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 250 cubic yard pile (representative of approximately 420 tons) of soil and/or concrete was generated for disposal and designated as SP-02. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP02-190711-1015 (Laboratory Sample ID: L1930539-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-02\2019_0717_SP-02_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1930539
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/17/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1930539-01	SP02-190711-1015	SOIL	ROME, NY	07/11/19 10:15	07/11/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1930539
Project Number:	127887-007	**Report Date:**	07/17/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: LOT 3A IRM **Lab Number:** L1930539
Project Number: 127887-007 **Report Date:** 07/17/19

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

L1930539-01 (SP02-190711-1015): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1930539-01 (SP02-190711-1015): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

L1930539-01 (SP02-190711-1015): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The WG1259560-2 LCS recovery, associated with L1930539-01 (SP02-190711-1015), is below the individual acceptance criteria for hexachlorocyclopentadiene (35%), but within the overall method allowances. The result of the associated sample is reported.

TCLP Semivolatiles

The WG1259600-2/-3 LCS/LCSD recoveries, associated with L1930539-01 (SP02-190711-1015), are above the individual acceptance criteria for pyridine (71%/67%), but within the overall method allowances. The result of the associated sample is reported.

Solids, Total

L1930539-01 (SP02-190711-1015): A Laboratory Duplicate was prepared with the sample batch; however, analysis of the native sample was cancelled; therefore, the QC result could not be 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/17/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1930539
Report Date: 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01
Client ID: SP02-190711-1015
Sample Location: ROME, NY

Date Collected: 07/11/19 10:15
Date Received: 07/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/15/19 12:44
Analyst: MM
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/12/19 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
dibromofluoromethane	104		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/15/19 07:29
Analyst: MM
TCLP/SPLP Extraction Date: 07/12/19 13:25

Extraction Date: 07/12/19 13:25

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1260247-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	97		70-130
dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1260247-3 WG1260247-4								
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	87		87		63-132	0		20
Tetrachloroethene	94		89		70-130	5		20
Chlorobenzene	100		100		75-130	0		25
1,2-Dichloroethane	89		88		70-130	1		20
Benzene	100		100		70-130	0		25
Vinyl chloride	100		100		55-140	0		20
1,1-Dichloroethene	100		100		61-145	0		25
Trichloroethene	100		98		70-130	2		25
1,4-Dichlorobenzene	100		99		70-130	1		20
2-Butanone	95		95		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		89		70-130
Toluene-d8	106		104		70-130
4-Bromofluorobenzene	92		94		70-130
dibromofluoromethane	98		99		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01
Client ID: SP02-190711-1015
Sample Location: ROME, NY

Date Collected: 07/11/19 10:15
Date Received: 07/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/15/19 23:13
Analyst: RC
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/12/19 14:07

Extraction Method: EPA 3510C
Extraction Date: 07/13/19 15:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	8.6	J	ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	16	J	ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	73		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	74		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1930539
Report Date: 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01 D2
Client ID: SP02-190711-1015
Sample Location: ROME, NY

Date Collected: 07/11/19 10:15
Date Received: 07/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/16/19 17:05
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/13/19 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	300000		ug/kg	4600	930	40

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1930539
Report Date: 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01 D
Client ID: SP02-190711-1015
Sample Location: ROME, NY

Date Collected: 07/11/19 10:15
Date Received: 07/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/16/19 13:19
Analyst: CB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/13/19 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	64000		ug/kg	3100	400	20
Hexachlorobenzene	ND		ug/kg	2300	430	20
Bis(2-chloroethyl)ether	ND		ug/kg	3400	520	20
2-Chloronaphthalene	ND		ug/kg	3800	380	20
3,3'-Dichlorobenzidine	ND		ug/kg	3800	1000	20
2,4-Dinitrotoluene	ND		ug/kg	3800	770	20
2,6-Dinitrotoluene	ND		ug/kg	3800	660	20
Fluoranthene	120000		ug/kg	2300	440	20
4-Chlorophenyl phenyl ether	ND		ug/kg	3800	410	20
4-Bromophenyl phenyl ether	ND		ug/kg	3800	580	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4600	660	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4100	380	20
Hexachlorobutadiene	ND		ug/kg	3800	560	20
Hexachlorocyclopentadiene	ND		ug/kg	11000	3500	20
Hexachloroethane	ND		ug/kg	3100	620	20
Isophorone	ND		ug/kg	3400	500	20
Naphthalene	120000		ug/kg	3800	470	20
Nitrobenzene	ND		ug/kg	3400	570	20
NDPA/DPA	ND		ug/kg	3100	440	20
n-Nitrosodi-n-propylamine	ND		ug/kg	3800	590	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3800	1300	20
Butyl benzyl phthalate	ND		ug/kg	3800	970	20
Di-n-butylphthalate	ND		ug/kg	3800	730	20
Di-n-octylphthalate	ND		ug/kg	3800	1300	20
Diethyl phthalate	ND		ug/kg	3800	360	20
Dimethyl phthalate	ND		ug/kg	3800	810	20
Benzo(a)anthracene	41000		ug/kg	2300	430	20
Benzo(a)pyrene	20000		ug/kg	3100	940	20

Project Name: LOT 3A IRM **Lab Number:** L1930539

Project Number: 127887-007 **Report Date:** 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01 D Date Collected: 07/11/19 10:15

Client ID: SP02-190711-1015 Date Received: 07/11/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	29000		ug/kg	2300	650	20
Benzo(k)fluoranthene	9800		ug/kg	2300	610	20
Chrysene	36000		ug/kg	2300	400	20
Acenaphthylene	16000		ug/kg	3100	590	20
Anthracene	140000		ug/kg	2300	750	20
Benzo(ghi)perylene	8600		ug/kg	3100	450	20
Fluorene	100000		ug/kg	3800	370	20
Phenanthrene	200000	E	ug/kg	2300	470	20
Dibenzo(a,h)anthracene	2900		ug/kg	2300	440	20
Indeno(1,2,3-cd)pyrene	11000		ug/kg	3100	540	20
Pyrene	84000		ug/kg	2300	380	20
Biphenyl	16000		ug/kg	8800	890	20
4-Chloroaniline	ND		ug/kg	3800	700	20
2-Nitroaniline	ND		ug/kg	3800	740	20
3-Nitroaniline	ND		ug/kg	3800	720	20
4-Nitroaniline	ND		ug/kg	3800	1600	20
Dibenzofuran	72000		ug/kg	3800	360	20
2-Methylnaphthalene	63000		ug/kg	4600	460	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3800	400	20
Acetophenone	ND		ug/kg	3800	480	20
2,4,6-Trichlorophenol	ND		ug/kg	2300	730	20
p-Chloro-m-cresol	ND		ug/kg	3800	570	20
2-Chlorophenol	ND		ug/kg	3800	450	20
2,4-Dichlorophenol	ND		ug/kg	3400	620	20
2,4-Dimethylphenol	ND		ug/kg	3800	1300	20
2-Nitrophenol	ND		ug/kg	8300	1400	20
4-Nitrophenol	ND		ug/kg	5400	1600	20
2,4-Dinitrophenol	ND		ug/kg	18000	1800	20
4,6-Dinitro-o-cresol	ND		ug/kg	10000	1800	20
Pentachlorophenol	ND		ug/kg	3100	840	20
Phenol	ND		ug/kg	3800	580	20
2-Methylphenol	ND		ug/kg	3800	590	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5500	600	20
2,4,5-Trichlorophenol	ND		ug/kg	3800	740	20
Carbazole	64000		ug/kg	3800	370	20
Atrazine	ND		ug/kg	3100	1300	20
Benzaldehyde	ND		ug/kg	5100	1000	20

Project Name: LOT 3A IRM **Lab Number:** L1930539

Project Number: 127887-007 **Report Date:** 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01 D Date Collected: 07/11/19 10:15

Client ID: SP02-190711-1015 Date Received: 07/11/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	3800	1200	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3800	780	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 17:05
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259560-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 17:05
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259560-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 17:05
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259560-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
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	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	75		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/15/19 21:37
Analyst: RC
TCLP/SPLP Extraction Date: 07/11/19 05:07

Extraction Method: EPA 3510C
Extraction Date: 07/13/19 15:32

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1259600-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	75		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	85		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

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: WG1259560-2 WG1259560-3								
Acenaphthene	53		58		31-137	9		50
Hexachlorobenzene	56		63		40-140	12		50
Bis(2-chloroethyl)ether	53		59		40-140	11		50
2-Chloronaphthalene	50		56		40-140	11		50
3,3'-Dichlorobenzidine	50		55		40-140	10		50
2,4-Dinitrotoluene	61		69		40-132	12		50
2,6-Dinitrotoluene	58		67		40-140	14		50
Fluoranthene	55		61		40-140	10		50
4-Chlorophenyl phenyl ether	50		56		40-140	11		50
4-Bromophenyl phenyl ether	54		63		40-140	15		50
Bis(2-chloroisopropyl)ether	40		45		40-140	12		50
Bis(2-chloroethoxy)methane	52		60		40-117	14		50
Hexachlorobutadiene	52		57		40-140	9		50
Hexachlorocyclopentadiene	**35**	Q	40		40-140	13		50
Hexachloroethane	54		60		40-140	11		50
Isophorone	55		63		40-140	14		50
Naphthalene	54		59		40-140	9		50
Nitrobenzene	54		63		40-140	15		50
NDPA/DPA	55		62		36-157	12		50
n-Nitrosodi-n-propylamine	55		63		32-121	14		50
Bis(2-ethylhexyl)phthalate	50		61		40-140	20		50
Butyl benzyl phthalate	58		67		40-140	14		50
Di-n-butylphthalate	57		66		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

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: WG1259560-2 WG1259560-3								
Di-n-octylphthalate	56		67		40-140	18		50
Diethyl phthalate	53		60		40-140	12		50
Dimethyl phthalate	52		59		40-140	13		50
Benzo(a)anthracene	55		63		40-140	14		50
Benzo(a)pyrene	52		60		40-140	14		50
Benzo(b)fluoranthene	52		59		40-140	13		50
Benzo(k)fluoranthene	52		62		40-140	18		50
Chrysene	50		56		40-140	11		50
Acenaphthylene	53		60		40-140	12		50
Anthracene	56		62		40-140	10		50
Benzo(ghi)perylene	57		63		40-140	10		50
Fluorene	54		62		40-140	14		50
Phenanthrene	53		58		40-140	9		50
Dibenzo(a,h)anthracene	56		64		40-140	13		50
Indeno(1,2,3-cd)pyrene	58		64		40-140	10		50
Pyrene	54		61		35-142	12		50
Biphenyl	56		62		54-104	10		50
4-Chloroaniline	54		58		40-140	7		50
2-Nitroaniline	61		71		47-134	15		50
3-Nitroaniline	55		58		26-129	5		50
4-Nitroaniline	55		63		41-125	14		50
Dibenzofuran	54		61		40-140	12		50
2-Methylnaphthalene	53		59		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

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: WG1259560-2 WG1259560-3								
1,2,4,5-Tetrachlorobenzene	56		63		40-117	12		50
Acetophenone	60		67		14-144	11		50
2,4,6-Trichlorophenol	55		68		30-130	21		50
p-Chloro-m-cresol	60		68		26-103	13		50
2-Chlorophenol	61		67		25-102	9		50
2,4-Dichlorophenol	58		67		30-130	14		50
2,4-Dimethylphenol	58		67		30-130	14		50
2-Nitrophenol	59		69		30-130	16		50
4-Nitrophenol	59		66		11-114	11		50
2,4-Dinitrophenol	48		55		4-130	14		50
4,6-Dinitro-o-cresol	62		72		10-130	15		50
Pentachlorophenol	47		55		17-109	16		50
Phenol	56		62		26-90	10		50
2-Methylphenol	63		72		30-130.	13		50
3-Methylphenol/4-Methylphenol	65		74		30-130	13		50
2,4,5-Trichlorophenol	60		69		30-130	14		50
Carbazole	58		64		54-128	10		50
Atrazine	65		73		40-140	12		50
Benzaldehyde	66		73		40-140	10		50
Caprolactam	59		66		15-130	11		50
2,3,4,6-Tetrachlorophenol	56		60		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

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: WG1259560-2 WG1259560-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		68		25-120
Phenol-d6	62		70		10-120
Nitrobenzene-d5	56		64		23-120
2-Fluorobiphenyl	49		55		30-120
2,4,6-Tribromophenol	59		67		10-136
4-Terphenyl-d14	51		57		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1259600-2 WG1259600-3								
Hexachlorobenzene	79		72		40-140	9		30
2,4-Dinitrotoluene	94		85		40-132	10		30
Hexachlorobutadiene	80		79		28-111	1		30
Hexachloroethane	75		75		21-105	0		30
Nitrobenzene	98		98		40-140	0		30
2,4,6-Trichlorophenol	88		85		30-130	3		30
Pentachlorophenol	95		89		9-103	7		30
2-Methylphenol	86		85		30-130	1		30
3-Methylphenol/4-Methylphenol	92		88		30-130	4		30
2,4,5-Trichlorophenol	95		88		30-130	8		30
Pyridine	**71**	Q	**67**	Q	10-66	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		79		21-120
Phenol-d6	83		79		10-120
Nitrobenzene-d5	92		87		23-120
2-Fluorobiphenyl	80		77		15-120
2,4,6-Tribromophenol	80		73		10-120
4-Terphenyl-d14	84		77		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1930539
Report Date: 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01
Client ID: SP02-190711-1015
Sample Location: ROME, NY

Date Collected: 07/11/19 10:15
Date Received: 07/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

TCLP/SPLP Ext. Date: 07/12/19 14:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/15/19 11:57	07/15/19 18:23	EPA 3015	1,6010D	LC
Barium, TCLP	0.330	J	mg/l	0.500	0.021	1	07/15/19 11:57	07/15/19 18:23	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/15/19 11:57	07/15/19 18:23	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/15/19 11:57	07/15/19 18:23	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/15/19 11:57	07/15/19 18:23	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/16/19 11:05	07/16/19 15:13	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/15/19 11:57	07/15/19 18:23	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/15/19 11:57	07/15/19 18:23	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1930539
Report Date: 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01
Client ID: SP02-190711-1015
Sample Location: ROME, NY
Date Collected: 07/11/19 10:15
Date Received: 07/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

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	2.22	0.169	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Arsenic, Total	3.03		mg/kg	0.445	0.093	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Barium, Total	24.3		mg/kg	0.445	0.078	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Beryllium, Total	0.200	J	mg/kg	0.222	0.015	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Cadmium, Total	0.240	J	mg/kg	0.445	0.044	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Chromium, Total	4.30		mg/kg	0.445	0.043	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Copper, Total	8.23		mg/kg	0.445	0.115	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Lead, Total	5.75		mg/kg	2.22	0.119	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.074	0.048	1	07/13/19 05:30	07/15/19 15:14	EPA 7471B	1,7471B	GD
Nickel, Total	5.42		mg/kg	1.11	0.108	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Selenium, Total	0.374	J	mg/kg	0.890	0.115	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.445	0.126	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.890	0.140	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Vanadium, Total	8.88		mg/kg	0.445	0.090	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC
Zinc, Total	37.1		mg/kg	2.22	0.130	1	07/15/19 18:50	07/16/19 09:39	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1930539
Report Date: 07/17/19

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: WG1259442-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/13/19 05:30	07/15/19 14:17	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1259870-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/15/19 11:57	07/15/19 17:46	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/15/19 11:57	07/15/19 17:46	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/15/19 11:57	07/15/19 17:46	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/15/19 11:57	07/15/19 17:46	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/15/19 11:57	07/15/19 17:46	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/15/19 11:57	07/15/19 17:46	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/15/19 11:57	07/15/19 17:46	1,6010D	LC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 07/11/19 05:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1260103-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Copper, Total	0.184	J	mg/kg	0.400	0.103	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1930539

Project Number: 127887-007 **Report Date:** 07/17/19

Method Blank Analysis
Batch Quality Control

Selenium, Total	ND	mg/kg	0.800	0.103	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Silver, Total	ND	mg/kg	0.400	0.113	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Thallium, Total	ND	mg/kg	0.800	0.126	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Vanadium, Total	ND	mg/kg	0.400	0.081	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC
Zinc, Total	ND	mg/kg	2.00	0.117	1	07/15/19 18:50	07/16/19 09:30	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1260426-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/16/19 11:05	07/16/19 15:00	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/11/19 05:07

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1259442-2 SRM Lot Number: D105-540								
Mercury, Total	94		-		60-141	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1259870-2								
Arsenic, TCLP	107		-		75-125	-		20
Barium, TCLP	102		-		75-125	-		20
Cadmium, TCLP	102		-		75-125	-		20
Chromium, TCLP	98		-		75-125	-		20
Lead, TCLP	99		-		75-125	-		20
Selenium, TCLP	106		-		75-125	-		20
Silver, TCLP	98		-		75-125	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1260103-2 SRM Lot Number: D105-540					
Antimony, Total	168	-	19-249	-	
Arsenic, Total	106	-	70-130	-	
Barium, Total	92	-	75-125	-	
Beryllium, Total	100	-	75-125	-	
Cadmium, Total	106	-	75-125	-	
Chromium, Total	94	-	70-130	-	
Copper, Total	98	-	75-125	-	
Lead, Total	111	-	71-128	-	
Nickel, Total	106	-	70-131	-	
Selenium, Total	101	-	63-137	-	
Silver, Total	96	-	69-131	-	
Thallium, Total	98	-	68-132	-	
Vanadium, Total	95	-	65-135	-	
Zinc, Total	99	-	70-130	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1260426-2					
Mercury, TCLP	88	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

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 QC Batch ID: WG1259442-3 WG1259442-4 QC Sample: L1929167-01 Client ID: MS Sample												
Mercury, Total	0.219	0.158	0.338	**75**	Q	0.308	**56**	Q	80-120	9		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1259870-3 QC Sample: L1930456-05 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.29	108		-	-		75-125	-		20
Barium, TCLP	0.751	20	21.1	102		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.530	104		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.00	100		-	-		75-125	-		20
Lead, TCLP	0.196J	5.1	5.32	104		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.28	107		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.495	99		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

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: WG1260103-3 QC Sample: L1930539-01 Client ID: SP02-190711-1015									
Antimony, Total	ND	46.2	39.8	86	-	-	75-125	-	20
Arsenic, Total	3.03	11.1	13.8	97	-	-	75-125	-	20
Barium, Total	24.3	185	187	88	-	-	75-125	-	20
Beryllium, Total	0.200J	4.62	4.36	94	-	-	75-125	-	20
Cadmium, Total	0.240J	4.71	4.48	95	-	-	75-125	-	20
Chromium, Total	4.30	18.5	20.6	88	-	-	75-125	-	20
Copper, Total	8.23	23.1	29.3	91	-	-	75-125	-	20
Lead, Total	5.75	47.1	47.6	89	-	-	75-125	-	20
Nickel, Total	5.42	46.2	44.5	85	-	-	75-125	-	20
Selenium, Total	0.374J	11.1	10.6	96	-	-	75-125	-	20
Silver, Total	ND	27.7	26.7	96	-	-	75-125	-	20
Thallium, Total	ND	11.1	8.72	79	-	-	75-125	-	20
Vanadium, Total	8.88	46.2	51.8	93	-	-	75-125	-	20
Zinc, Total	37.1	46.2	74.3	80	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1260426-3 QC Sample: L1930456-05 Client ID: MS Sample									
Mercury, TCLP	ND	0.025	0.0213	85	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1930539

Report Date: 07/17/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1259870-4 QC Sample: L1930456-05 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.751	0.749	mg/l	0		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.196J	0.190J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1260103-4 QC Sample: L1930539-01 Client ID: SP02-190711-1015					
Antimony, Total	ND	0.192J	mg/kg	NC	20
Arsenic, Total	3.03	3.16	mg/kg	4	20
Barium, Total	24.3	22.7	mg/kg	7	20
Beryllium, Total	0.200J	0.197J	mg/kg	NC	20
Cadmium, Total	0.240J	0.265J	mg/kg	NC	20
Chromium, Total	4.30	4.46	mg/kg	4	20
Copper, Total	8.23	9.55	mg/kg	15	20
Lead, Total	5.75	6.84	mg/kg	17	20
Nickel, Total	5.42	5.51	mg/kg	2	20
Selenium, Total	0.374J	0.407J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	8.88	8.81	mg/kg	1	20
Zinc, Total	37.1	34.9	mg/kg	6	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1260426-4 QC Sample: L1930456-05 Client ID: DUP Sample					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

SAMPLE RESULTS

Lab ID: L1930539-01
Client ID: SP02-190711-1015
Sample Location: ROME, NY

Date Collected: 07/11/19 10:15
Date Received: 07/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	07/12/19 10:36	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1930539
Report Date: 07/17/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1930539-01A	Plastic 2oz unpreserved for TS	A	NA		5.0	Y	Absent		TS(7)
L1930539-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1930539-01C	Vial Large Septa unpreserved (4oz)	A	NA		5.0	Y	Absent		TCLP-EXT-ZHE(14)
L1930539-01D	Glass 250ml/8oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14)
L1930539-01W	Amber 1000ml unpreserved Extracts	A	NA		5.0	Y	Absent		TCLP-8270(14)
L1930539-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		5.0	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1930539-01X9	Tumble Vessel	A	NA		5.0	Y	Absent		-
L1930539-01Y	Vial unpreserved Extracts	A	NA		5.0	Y	Absent		TCLP-VOA(14)
L1930539-01Z	Vial unpreserved Extracts	A	NA		5.0	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1930539
Project Number:	127887-007	**Report Date:**	07/17/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1930539
Project Number:	127887-007	**Report Date:**	07/17/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1930539
Project Number:	127887-007	**Report Date:**	07/17/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page
of

Date Rec'd in Lab: 7/12/19

ALPHA Job #: L1930539

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #)	☐
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client:	H&A of New York
H&A Address:	200 Town Centre Dr. Ste. 2
Rochester, NY 14623	
H&A Phone:	585-321-4219
H&A Fax:	
H&A Email:	cmondello&haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals				Sample Specific Comments	Total Bottles
30539 -01	SP02-190711-1015	7/11/2019	10:15	SO	PAF	--	X	X	X	X	X					
															TOTAL BOTTLES 4	
Container Type							A	A	A	A	A					
Preservative							A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FALCA	7/11/19 1500		7/11/19 1500
	7/11/19 1500		7/12/19 0629

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

July 24, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1931910-01) submitted with your July 24, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile (Sample ID: L1931910-01), approximately 300 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

24 July 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190724-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 300 cubic yard pile (representative of approximately 500 tons) of soil and/or concrete was generated for disposal and designated as SP-03. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP03-190718-0930 (Laboratory Sample ID: L1931910-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello *for*

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-03\2019_0724_SP-03_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1931910
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/23/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1931910-01	SP03-190718-0930	SOIL	ROME, NY	07/18/19 09:30	07/18/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1931910
Project Number:	127887-007	**Report Date:**	07/23/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1931910
Project Number:	127887-007	**Report Date:**	07/23/19

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

L1931910-01 (SP03-190718-0930): The sample has elevated detection limits due to the dilution required by the sample matrix.

L1931910-01 (SP03-190718-0930): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

TCLP Semivolatiles

The WG1262673-2/-3 LCS/LCSD RPDs, associated with L1931910-01 (SP03-190718-0930), are above the acceptance criteria for hexachlorobenzene (50%), 2,4-dinitrotoluene (49%), hexachlorobutadiene (41%), hexachloroethane (33%), nitrobenzene (40%), 2,4,6-trichlorophenol (47%), pentachlorophenol (52%), 2-methylphenol (38%), 3-methylphenol/4-methylphenol (38%), 2,4,5-trichlorophenol (43%), and pyridine (45%).

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: 07/23/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931910
Report Date: 07/23/19

SAMPLE RESULTS

Lab ID: L1931910-01
Client ID: SP03-190718-0930
Sample Location: ROME, NY

Date Collected: 07/18/19 09:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/23/19 10:03
Analyst: MM
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/22/19 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
dibromofluoromethane	108		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/19 08:01
Analyst: MM
TCLP/SPLP Extraction Date: 07/22/19 15:06

Extraction Date: 07/22/19 15:06

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1263257-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1263257-3 WG1263257-4								
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	94		90		75-130	4		25
1,2-Dichloroethane	120		120		70-130	0		20
Benzene	97		95		70-130	2		25
Vinyl chloride	94		91		55-140	3		20
1,1-Dichloroethene	110		100		61-145	10		25
Trichloroethene	100		98		70-130	2		25
1,4-Dichlorobenzene	99		96		70-130	3		20
2-Butanone	96		92		63-138	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	124		124		70-130
Toluene-d8	100		97		70-130
4-Bromofluorobenzene	93		91		70-130
dibromofluoromethane	105		103		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

SAMPLE RESULTS

Lab ID: L1931910-01
Client ID: SP03-190718-0930
Sample Location: ROME, NY

Date Collected: 07/18/19 09:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/23/19 02:56
Analyst: EK
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/21/19 04:50

Extraction Method: EPA 3510C
Extraction Date: 07/22/19 02:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	5.8	J	ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	14	J	ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	74		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	68		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

SAMPLE RESULTS

Lab ID: L1931910-01 D
Client ID: SP03-190718-0930
Sample Location: ROME, NY

Date Collected: 07/18/19 09:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/23/19 14:56
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/20/19 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	70000		ug/kg	15000	2000	100
Hexachlorobenzene	ND		ug/kg	12000	2200	100
Bis(2-chloroethyl)ether	ND		ug/kg	17000	2600	100
2-Chloronaphthalene	ND		ug/kg	19000	1900	100
3,3'-Dichlorobenzidine	ND		ug/kg	19000	5100	100
2,4-Dinitrotoluene	ND		ug/kg	19000	3800	100
2,6-Dinitrotoluene	ND		ug/kg	19000	3300	100
Fluoranthene	170000		ug/kg	12000	2200	100
4-Chlorophenyl phenyl ether	ND		ug/kg	19000	2100	100
4-Bromophenyl phenyl ether	ND		ug/kg	19000	2900	100
Bis(2-chloroisopropyl)ether	ND		ug/kg	23000	3300	100
Bis(2-chloroethoxy)methane	ND		ug/kg	21000	1900	100
Hexachlorobutadiene	ND		ug/kg	19000	2800	100
Hexachlorocyclopentadiene	ND		ug/kg	55000	17000	100
Hexachloroethane	ND		ug/kg	15000	3100	100
Isophorone	ND		ug/kg	17000	2500	100
Naphthalene	150000		ug/kg	19000	2300	100
Nitrobenzene	ND		ug/kg	17000	2800	100
NDPA/DPA	ND		ug/kg	15000	2200	100
n-Nitrosodi-n-propylamine	ND		ug/kg	19000	3000	100
Bis(2-ethylhexyl)phthalate	ND		ug/kg	19000	6700	100
Butyl benzyl phthalate	ND		ug/kg	19000	4800	100
Di-n-butylphthalate	ND		ug/kg	19000	3600	100
Di-n-octylphthalate	ND		ug/kg	19000	6600	100
Diethyl phthalate	ND		ug/kg	19000	1800	100
Dimethyl phthalate	ND		ug/kg	19000	4000	100
Benzo(a)anthracene	48000		ug/kg	12000	2200	100
Benzo(a)pyrene	24000		ug/kg	15000	4700	100

Project Name: LOT 3A IRM **Lab Number:** L1931910

Project Number: 127887-007 **Report Date:** 07/23/19

SAMPLE RESULTS

Lab ID: L1931910-01 D Date Collected: 07/18/19 09:30

Client ID: SP03-190718-0930 Date Received: 07/18/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	32000		ug/kg	12000	3200	100
Benzo(k)fluoranthene	12000		ug/kg	12000	3100	100
Chrysene	47000		ug/kg	12000	2000	100
Acenaphthylene	11000	J	ug/kg	15000	3000	100
Anthracene	240000		ug/kg	12000	3800	100
Benzo(ghi)perylene	9400	J	ug/kg	15000	2300	100
Fluorene	120000		ug/kg	19000	1900	100
Phenanthrene	310000		ug/kg	12000	2300	100
Dibenzo(a,h)anthracene	3200	J	ug/kg	12000	2200	100
Indeno(1,2,3-cd)pyrene	11000	J	ug/kg	15000	2700	100
Pyrene	110000		ug/kg	12000	1900	100
Biphenyl	18000	J	ug/kg	44000	4500	100
4-Chloroaniline	ND		ug/kg	19000	3500	100
2-Nitroaniline	ND		ug/kg	19000	3700	100
3-Nitroaniline	ND		ug/kg	19000	3600	100
4-Nitroaniline	ND		ug/kg	19000	8000	100
Dibenzofuran	74000		ug/kg	19000	1800	100
2-Methylnaphthalene	66000		ug/kg	23000	2300	100
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	19000	2000	100
Acetophenone	ND		ug/kg	19000	2400	100
2,4,6-Trichlorophenol	ND		ug/kg	12000	3600	100
p-Chloro-m-cresol	ND		ug/kg	19000	2900	100
2-Chlorophenol	ND		ug/kg	19000	2300	100
2,4-Dichlorophenol	ND		ug/kg	17000	3100	100
2,4-Dimethylphenol	ND		ug/kg	19000	6400	100
2-Nitrophenol	ND		ug/kg	42000	7200	100
4-Nitrophenol	ND		ug/kg	27000	7900	100
2,4-Dinitrophenol	ND		ug/kg	92000	9000	100
4,6-Dinitro-o-cresol	ND		ug/kg	50000	9200	100
Pentachlorophenol	ND		ug/kg	15000	4200	100
Phenol	ND		ug/kg	19000	2900	100
2-Methylphenol	ND		ug/kg	19000	3000	100
3-Methylphenol/4-Methylphenol	ND		ug/kg	28000	3000	100
2,4,5-Trichlorophenol	ND		ug/kg	19000	3700	100
Carbazole	84000		ug/kg	19000	1900	100
Atrazine	ND		ug/kg	15000	6700	100
Benzaldehyde	ND		ug/kg	25000	5200	100

Project Name: LOT 3A IRM **Lab Number:** L1931910

Project Number: 127887-007 **Report Date:** 07/23/19

SAMPLE RESULTS

Lab ID: L1931910-01 D
Client ID: SP03-190718-0930
Sample Location: ROME, NY

Date Collected: 07/18/19 09:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	19000	5900	100
2,3,4,6-Tetrachlorophenol	ND		ug/kg	19000	3900	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/19 13:28
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/20/19 14:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262491-1					
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/19 13:28
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/20/19 14:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262491-1					
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	20.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/19 13:28
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/20/19 14:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262491-1					
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	71		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	73		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/19 00:07
Analyst: EK
TCLP/SPLP Extraction Date: 07/21/19 04:50

Extraction Method: EPA 3510C
Extraction Date: 07/22/19 02:38

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1262673-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	72		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	68		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

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: WG1262491-2 WG1262491-3								
Acenaphthene	68		69		31-137	1		50
Hexachlorobenzene	76		76		40-140	0		50
Bis(2-chloroethyl)ether	73		67		40-140	9		50
2-Chloronaphthalene	75		73		40-140	3		50
3,3'-Dichlorobenzidine	57		57		40-140	0		50
2,4-Dinitrotoluene	76		76		40-132	0		50
2,6-Dinitrotoluene	81		80		40-140	1		50
Fluoranthene	74		75		40-140	1		50
4-Chlorophenyl phenyl ether	72		72		40-140	0		50
4-Bromophenyl phenyl ether	75		76		40-140	1		50
Bis(2-chloroisopropyl)ether	66		61		40-140	8		50
Bis(2-chloroethoxy)methane	76		72		40-117	5		50
Hexachlorobutadiene	73		71		40-140	3		50
Hexachlorocyclopentadiene	77		76		40-140	1		50
Hexachloroethane	70		64		40-140	9		50
Isophorone	80		74		40-140	8		50
Naphthalene	69		68		40-140	1		50
Nitrobenzene	77		72		40-140	7		50
NDPA/DPA	74		74		36-157	0		50
n-Nitrosodi-n-propylamine	78		73		32-121	7		50
Bis(2-ethylhexyl)phthalate	68		68		40-140	0		50
Butyl benzyl phthalate	72		73		40-140	1		50
Di-n-butylphthalate	76		76		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

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: WG1262491-2 WG1262491-3								
Di-n-octylphthalate	75		75		40-140	0		50
Diethyl phthalate	73		72		40-140	1		50
Dimethyl phthalate	81		78		40-140	4		50
Benzo(a)anthracene	71		72		40-140	1		50
Benzo(a)pyrene	81		82		40-140	1		50
Benzo(b)fluoranthene	74		74		40-140	0		50
Benzo(k)fluoranthene	72		73		40-140	1		50
Chrysene	65		67		40-140	3		50
Acenaphthylene	79		77		40-140	3		50
Anthracene	73		74		40-140	1		50
Benzo(ghi)perylene	71		71		40-140	0		50
Fluorene	71		71		40-140	0		50
Phenanthrene	68		69		40-140	1		50
Dibenzo(a,h)anthracene	73		73		40-140	0		50
Indeno(1,2,3-cd)pyrene	74		75		40-140	1		50
Pyrene	72		73		35-142	1		50
Biphenyl	83		80		54-104	4		50
4-Chloroaniline	55		61		40-140	10		50
2-Nitroaniline	84		81		47-134	4		50
3-Nitroaniline	64		62		26-129	3		50
4-Nitroaniline	73		74		41-125	1		50
Dibenzofuran	68		70		40-140	3		50
2-Methylnaphthalene	74		73		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

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: WG1262491-2 WG1262491-3								
1,2,4,5-Tetrachlorobenzene	79		77		40-117	3		50
Acetophenone	86		81		14-144	6		50
2,4,6-Trichlorophenol	86		84		30-130	2		50
p-Chloro-m-cresol	80		78		26-103	3		50
2-Chlorophenol	79		74		25-102	7		50
2,4-Dichlorophenol	86		81		30-130	6		50
2,4-Dimethylphenol	83		78		30-130	6		50
2-Nitrophenol	90		85		30-130	6		50
4-Nitrophenol	72		74		11-114	3		50
2,4-Dinitrophenol	52		85		4-130	48		50
4,6-Dinitro-o-cresol	81		85		10-130	5		50
Pentachlorophenol	80		80		17-109	0		50
Phenol	71		67		26-90	6		50
2-Methylphenol	80		75		30-130.	6		50
3-Methylphenol/4-Methylphenol	80		74		30-130	8		50
2,4,5-Trichlorophenol	86		83		30-130	4		50
Carbazole	70		71		54-128	1		50
Atrazine	95		95		40-140	0		50
Benzaldehyde	84		78		40-140	7		50
Caprolactam	90		87		15-130	3		50
2,3,4,6-Tetrachlorophenol	75		75		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931910

Report Date: 07/23/19

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: WG1262491-2 WG1262491-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		70		25-120
Phenol-d6	77		72		10-120
Nitrobenzene-d5	79		74		23-120
2-Fluorobiphenyl	75		73		30-120
2,4,6-Tribromophenol	80		81		10-136
4-Terphenyl-d14	70		72		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931910
Report Date: 07/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1262673-2 WG1262673-3								
Hexachlorobenzene	48		80		40-140	**50**	Q	30
2,4-Dinitrotoluene	54		89		40-132	**49**	Q	30
Hexachlorobutadiene	43		65		28-111	**41**	Q	30
Hexachloroethane	50		70		21-105	**33**	Q	30
Nitrobenzene	68		102		40-140	**40**	Q	30
2,4,6-Trichlorophenol	53		86		30-130	**47**	Q	30
Pentachlorophenol	50		85		9-103	**52**	Q	30
2-Methylphenol	67		98		30-130	**38**	Q	30
3-Methylphenol/4-Methylphenol	67		98		30-130	**38**	Q	30
2,4,5-Trichlorophenol	59		91		30-130	**43**	Q	30
Pyridine	41		65		10-66	**45**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		93		21-120
Phenol-d6	67		97		10-120
Nitrobenzene-d5	68		98		23-120
2-Fluorobiphenyl	54		84		15-120
2,4,6-Tribromophenol	53		87		10-120
4-Terphenyl-d14	52		84		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931910
Report Date: 07/23/19

SAMPLE RESULTS

Lab ID: L1931910-01
Client ID: SP03-190718-0930
Sample Location: ROME, NY

Date Collected: 07/18/19 09:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

TCLP/SPLP Ext. Date: 07/21/19 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/23/19 08:35	07/23/19 10:28	EPA 3015	1,6010D	LC
Barium, TCLP	0.416	J	mg/l	0.500	0.021	1	07/23/19 08:35	07/23/19 10:28	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/23/19 08:35	07/23/19 10:28	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/23/19 08:35	07/23/19 10:28	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/23/19 08:35	07/23/19 10:28	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/23/19 11:30	07/23/19 14:46	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/23/19 08:35	07/23/19 10:28	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/23/19 08:35	07/23/19 10:28	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931910
Report Date: 07/23/19

SAMPLE RESULTS

Lab ID: L1931910-01
Client ID: SP03-190718-0930
Sample Location: ROME, NY
Date Collected: 07/18/19 09:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.463	J	mg/kg	2.25	0.171	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Arsenic, Total	3.91		mg/kg	0.450	0.094	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Barium, Total	25.5		mg/kg	0.450	0.078	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Beryllium, Total	0.207	J	mg/kg	0.225	0.015	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Cadmium, Total	0.418	J	mg/kg	0.450	0.044	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Chromium, Total	4.03		mg/kg	0.450	0.043	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Copper, Total	11.5		mg/kg	0.450	0.116	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Lead, Total	5.93		mg/kg	2.25	0.120	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.075	0.049	1	07/20/19 07:00	07/22/19 18:52	EPA 7471B	1,7471B	GD
Nickel, Total	5.29		mg/kg	1.12	0.109	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Selenium, Total	0.126	J	mg/kg	0.900	0.116	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.450	0.127	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.900	0.142	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Vanadium, Total	7.43		mg/kg	0.450	0.091	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC
Zinc, Total	121		mg/kg	2.25	0.132	1	07/23/19 10:20	07/23/19 12:54	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1931910

Project Number: 127887-007 **Report Date:** 07/23/19

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: WG1262339-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/20/19 07:00	07/22/19 17:55	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1262736-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/23/19 08:35	07/23/19 10:01	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/23/19 08:35	07/23/19 10:01	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/23/19 08:35	07/23/19 10:01	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/23/19 08:35	07/23/19 10:01	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/23/19 08:35	07/23/19 10:01	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/23/19 08:35	07/23/19 10:01	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/23/19 08:35	07/23/19 10:01	1,6010D	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/20/19 06:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1263221-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1931910

Project Number: 127887-007 **Report Date:** 07/23/19

Method Blank Analysis
Batch Quality Control

Selenium, Total	ND	mg/kg	0.800	0.103	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Silver, Total	ND	mg/kg	0.400	0.113	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Thallium, Total	ND	mg/kg	0.800	0.126	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Vanadium, Total	ND	mg/kg	0.400	0.081	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC
Zinc, Total	ND	mg/kg	2.00	0.117	1	07/23/19 10:20	07/23/19 12:29	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1263280-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/23/19 11:30	07/23/19 14:43	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/20/19 06:42

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1262339-2 SRM Lot Number: D105-540								
Mercury, Total	103		-		60-141	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1262736-2								
Arsenic, TCLP	112		-		75-125	-		20
Barium, TCLP	107		-		75-125	-		20
Cadmium, TCLP	108		-		75-125	-		20
Chromium, TCLP	102		-		75-125	-		20
Lead, TCLP	105		-		75-125	-		20
Selenium, TCLP	108		-		75-125	-		20
Silver, TCLP	98		-		75-125	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1263221-2 SRM Lot Number: D105-540					
Antimony, Total	149	-	19-249	-	
Arsenic, Total	99	-	70-130	-	
Barium, Total	84	-	75-125	-	
Beryllium, Total	95	-	75-125	-	
Cadmium, Total	94	-	75-125	-	
Chromium, Total	86	-	70-130	-	
Copper, Total	88	-	75-125	-	
Lead, Total	91	-	71-128	-	
Nickel, Total	95	-	70-131	-	
Selenium, Total	95	-	63-137	-	
Silver, Total	87	-	69-131	-	
Thallium, Total	93	-	68-132	-	
Vanadium, Total	85	-	65-135	-	
Zinc, Total	95	-	70-130	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1263280-2					
Mercury, TCLP	92	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

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 QC Batch ID: WG1262339-3 WG1262339-4 QC Sample: L1931507-06 Client ID: MS Sample												
Mercury, Total	ND	0.164	0.154	94		0.163	100		80-120	6		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1262736-3 QC Sample: L1932145-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.34	112		-	-		75-125	-		20
Barium, TCLP	0.313J	20	21.8	109		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.549	108		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.06	103		-	-		75-125	-		20
Lead, TCLP	0.029J	5.1	5.40	106		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.34	112		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.488	98		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

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: WG1263221-3 QC Sample: L1932145-01 Client ID: MS Sample										
Antimony, Total	ND	41	37.8	92		-	-	75-125	-	20
Arsenic, Total	0.534J	9.83	10.4	106		-	-	75-125	-	20
Barium, Total	13.3	164	166	93		-	-	75-125	-	20
Beryllium, Total	0.092J	4.1	4.17	102		-	-	75-125	-	20
Cadmium, Total	ND	4.18	4.02	96		-	-	75-125	-	20
Chromium, Total	2.93	16.4	19.3	100		-	-	75-125	-	20
Copper, Total	5.95	20.5	26.1	98		-	-	75-125	-	20
Lead, Total	8.72	41.8	47.2	92		-	-	75-125	-	20
Nickel, Total	4.78	41	42.8	93		-	-	75-125	-	20
Selenium, Total	ND	9.83	9.40	96		-	-	75-125	-	20
Silver, Total	ND	24.6	23.2	94		-	-	75-125	-	20
Thallium, Total	ND	9.83	9.04	92		-	-	75-125	-	20
Vanadium, Total	4.53	41	44.0	96		-	-	75-125	-	20
Zinc, Total	8.11	41	112	**254**	Q	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1263280-3 QC Sample: L1931910-01 Client ID: SP03-190718-0930										
Mercury, TCLP	ND	0.025	0.0236	94		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931910

Report Date: 07/23/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1262736-4 QC Sample: L1932145-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.313J	0.311J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.029J	0.034J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931910

Report Date: 07/23/19

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1263221-4 QC Sample: L1932145-01 Client ID: DUP Sample						
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.534J	0.417J	mg/kg	NC		20
Barium, Total	13.3	14.0	mg/kg	5		20
Beryllium, Total	0.092J	0.100J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	2.93	2.98	mg/kg	2		20
Copper, Total	5.95	6.28	mg/kg	5		20
Lead, Total	8.72	11.6	mg/kg	**28**	Q	20
Nickel, Total	4.78	4.53	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	4.53	3.86	mg/kg	16		20
Zinc, Total	8.11	9.46	mg/kg	15		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1263280-4 QC Sample: L1931910-01 Client ID: SP03-190718-0930						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

SAMPLE RESULTS

Lab ID: L1931910-01
Client ID: SP03-190718-0930
Sample Location: ROME, NY

Date Collected: 07/18/19 09:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

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	-	07/19/19 11:36	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931910

Report Date: 07/23/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1262040-1 QC Sample: L1931411-01 Client ID: DUP Sample						
Solids, Total	73.1	72.6	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931910
Report Date: 07/23/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1931910-01A	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1931910-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1931910-01C	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		TCLP-EXT-ZHE(14)
L1931910-01D	Glass 500ml/16oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L1931910-01Q	Vial MeOH preserved	A	NA		3.1	Y	Absent		-
L1931910-01R	Vial water preserved	A	NA		3.1	Y	Absent	19-JUL-19 05:31	-
L1931910-01S	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1931910-01T	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1931910-01W	Plastic 120ml HNO3 preserved Extracts	A	NA		3.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1931910-01X9	Tumble Vessel	A	NA		3.1	Y	Absent		-
L1931910-01Y	Amber 1000ml unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1931910
Project Number:	127887-007	**Report Date:**	07/23/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1931910
Project Number:	127887-007	**Report Date:**	07/23/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1931910
Project Number: 127887-007 **Report Date:** 07/23/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page ___ of ___

Date Rec'd in Lab: 7/19/19

ALPHA Job #: L1931910

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals				Sample Specific Comments	Total Bottles
31910 -01	SP03-190718-0930	7/18/2019	9:30	SO	PAF	--	X	X	X	X	X					4
Container Type							A	A	A	A	A					
Preservative							A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[illegible]	7/18/19 16:15	[illegible]	7/18/19 16:00
[illegible]	7/18/19 16:00	[illegible]	7/19/19 01:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

July 30, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1932846-01) submitted with your July 30, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile (Sample ID: L1932846-01), approximately 275 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

30 July 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190730-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 275 cubic yard pile (representative of approximately 460 tons) of soil and/or concrete was generated for disposal and designated as SP-04. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP04-190724-1115 (Laboratory Sample ID: L1932846-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

\\haleyaldrich.com\share\roc_common\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-04\2019_0730_SP-04_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1932846
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/29/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1932846-01	SP04-190724-1115	SOIL	ROME, NY	07/24/19 11:15	07/24/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1932846
Project Number:	127887-007	**Report Date:**	07/29/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1932846
Project Number:	127887-007	**Report Date:**	07/29/19

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

L1932846-01 (SP04-190724-1115): The Client ID was specified by the client.

Semivolatile Organics

L1932846-01 (SP04-190724-1115): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1932846-01 (SP04-190724-1115): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

TCLP Semivolatiles

The WG1265349-2 LCS recovery, associated with L1932846-01 (SP04-190724-1115), is above the individual acceptance criteria for pentachlorophenol (114%), but within the overall method allowances. The results of the associated sample are reported; however, all positive detects are considered to have a potentially high for this compound.

The WG1265349-3 LCSD recovery, associated with L1932846-01 (SP04-190724-1115), is above the acceptance criteria for pentachlorophenol (112%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis 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: Amita Naik

Title: Technical Director/Representative

Date: 07/29/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932846
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932846-01
Client ID: SP04-190724-1115
Sample Location: ROME, NY

Date Collected: 07/24/19 11:15
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/26/19 09:13
Analyst: MM
Percent Solids: 81%
TCLP/SPLP Ext. Date: 07/25/19 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	105		70-130
dibromofluoromethane	102		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/19 07:32
Analyst: MM
TCLP/SPLP Extraction Date: 07/25/19 12:00

Extraction Date: 07/25/19 12:00

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1265142-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	111		70-130
dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1265142-3 WG1265142-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	95		94		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
2-Chloroethylvinyl ether	110		110		70-130	0		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	94		95		75-130	1		25
Trichlorofluoromethane	70		67		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	95		95		70-130	0		20
cis-1,3-Dichloropropene	98		98		70-130	0		20
Bromoform	92		88		54-136	4		20
1,1,2,2-Tetrachloroethane	120		110		67-130	9		20
Benzene	100		100		70-130	0		25
Toluene	96		98		70-130	2		25
Ethylbenzene	95		97		70-130	2		20
Chloromethane	90		91		64-130	1		20
Bromomethane	90		80		39-139	12		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1265142-3 WG1265142-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Vinyl chloride	91		88		55-140	3		20
Chloroethane	76		76		55-138	0		20
1,1-Dichloroethene	84		88		61-145	5		25
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		100		70-130	0		25
1,2-Dichlorobenzene	95		95		70-130	0		20
1,3-Dichlorobenzene	98		96		70-130	2		20
1,4-Dichlorobenzene	95		94		70-130	1		20
Methyl tert butyl ether	99		99		63-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	99		100		70-130	1		20
1,4-Dichlorobutane	110		110		70-130	0		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	92		90		36-147	2		20
Acetone	120		**150**	Q	58-148	**22**	Q	20
Carbon disulfide	83		88		51-130	6		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	100		100		57-130	0		20
Ethyl methacrylate	100		98		70-130	2		20
Acrolein	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1265142-3 WG1265142-4								
Acrylonitrile	120		120		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	92		96		70-130
4-Bromofluorobenzene	109		107		70-130
dibromofluoromethane	104		103		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932846
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932846-01
Client ID: SP04-190724-1115
Sample Location: ROME, NY

Date Collected: 07/24/19 11:15
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/29/19 13:01
Analyst: RC
Percent Solids: 81%
TCLP/SPLP Ext. Date: 07/25/19 17:52

Extraction Method: EPA 3510C
Extraction Date: 07/27/19 09:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	12	J	ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	36		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		21-120
Phenol-d6	78		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	94		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932846-01 D
Client ID: SP04-190724-1115
Sample Location: ROME, NY

Date Collected: 07/24/19 11:15
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/29/19 12:13
Analyst: RC
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57000		ug/kg	8100	1000	50
Hexachlorobenzene	ND		ug/kg	6100	1100	50
Bis(2-chloroethyl)ether	ND		ug/kg	9200	1400	50
2-Chloronaphthalene	ND		ug/kg	10000	1000	50
3,3'-Dichlorobenzidine	ND		ug/kg	10000	2700	50
2,4-Dinitrotoluene	ND		ug/kg	10000	2000	50
2,6-Dinitrotoluene	ND		ug/kg	10000	1700	50
Fluoranthene	110000		ug/kg	6100	1200	50
4-Chlorophenyl phenyl ether	ND		ug/kg	10000	1100	50
4-Bromophenyl phenyl ether	ND		ug/kg	10000	1600	50
Bis(2-chloroisopropyl)ether	ND		ug/kg	12000	1700	50
Bis(2-chloroethoxy)methane	ND		ug/kg	11000	1000	50
Hexachlorobutadiene	ND		ug/kg	10000	1500	50
Hexachlorocyclopentadiene	ND		ug/kg	29000	9200	50
Hexachloroethane	ND		ug/kg	8100	1600	50
Isophorone	ND		ug/kg	9200	1300	50
Naphthalene	150000		ug/kg	10000	1200	50
Nitrobenzene	ND		ug/kg	9200	1500	50
NDPA/DPA	ND		ug/kg	8100	1200	50
n-Nitrosodi-n-propylamine	ND		ug/kg	10000	1600	50
Bis(2-ethylhexyl)phthalate	ND		ug/kg	10000	3500	50
Butyl benzyl phthalate	ND		ug/kg	10000	2600	50
Di-n-butylphthalate	ND		ug/kg	10000	1900	50
Di-n-octylphthalate	ND		ug/kg	10000	3400	50
Diethyl phthalate	ND		ug/kg	10000	940	50
Dimethyl phthalate	ND		ug/kg	10000	2100	50
Benzo(a)anthracene	25000		ug/kg	6100	1100	50
Benzo(a)pyrene	12000		ug/kg	8100	2500	50

Project Name: LOT 3A IRM **Lab Number:** L1932846

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932846-01 D Date Collected: 07/24/19 11:15

Client ID: SP04-190724-1115 Date Received: 07/24/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	18000		ug/kg	6100	1700	50
Benzo(k)fluoranthene	6000	J	ug/kg	6100	1600	50
Chrysene	24000		ug/kg	6100	1000	50
Acenaphthylene	5700	J	ug/kg	8100	1600	50
Anthracene	110000		ug/kg	6100	2000	50
Benzo(ghi)perylene	4400	J	ug/kg	8100	1200	50
Fluorene	85000		ug/kg	10000	990	50
Phenanthrene	220000		ug/kg	6100	1200	50
Dibenzo(a,h)anthracene	1200	J	ug/kg	6100	1200	50
Indeno(1,2,3-cd)pyrene	5000	J	ug/kg	8100	1400	50
Pyrene	77000		ug/kg	6100	1000	50
Biphenyl	16000	J	ug/kg	23000	2400	50
4-Chloroaniline	ND		ug/kg	10000	1800	50
2-Nitroaniline	ND		ug/kg	10000	2000	50
3-Nitroaniline	ND		ug/kg	10000	1900	50
4-Nitroaniline	ND		ug/kg	10000	4200	50
Dibenzofuran	61000		ug/kg	10000	960	50
2-Methylnaphthalene	63000		ug/kg	12000	1200	50
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	10000	1100	50
Acetophenone	ND		ug/kg	10000	1200	50
2,4,6-Trichlorophenol	ND		ug/kg	6100	1900	50
p-Chloro-m-cresol	ND		ug/kg	10000	1500	50
2-Chlorophenol	ND		ug/kg	10000	1200	50
2,4-Dichlorophenol	ND		ug/kg	9200	1600	50
2,4-Dimethylphenol	ND		ug/kg	10000	3400	50
2-Nitrophenol	ND		ug/kg	22000	3800	50
4-Nitrophenol	ND		ug/kg	14000	4200	50
2,4-Dinitrophenol	ND		ug/kg	49000	4700	50
4,6-Dinitro-o-cresol	ND		ug/kg	26000	4900	50
Pentachlorophenol	ND		ug/kg	8100	2200	50
Phenol	ND		ug/kg	10000	1500	50
2-Methylphenol	ND		ug/kg	10000	1600	50
3-Methylphenol/4-Methylphenol	ND		ug/kg	15000	1600	50
2,4,5-Trichlorophenol	ND		ug/kg	10000	1900	50
Carbazole	49000		ug/kg	10000	990	50
Atrazine	ND		ug/kg	8100	3600	50
Benzaldehyde	ND		ug/kg	13000	2700	50

Project Name: LOT 3A IRM **Lab Number:** L1932846

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932846-01 D Date Collected: 07/24/19 11:15

Client ID: SP04-190724-1115 Date Received: 07/24/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	10000	3100	50
2,3,4,6-Tetrachlorophenol	ND		ug/kg	10000	2000	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/29/19 09:46
Analyst: RC
TCLP/SPLP Extraction Date: 07/25/19 17:52

Extraction Method: EPA 3510C
Extraction Date: 07/27/19 09:23

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1265349-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		21-120
Phenol-d6	76		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	98		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/19 14:32
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1265432-1					
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	43.
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	17.
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	56.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/19 14:32
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1265432-1					
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	61.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/19 14:32
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1265432-1					
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	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1265349-2 WG1265349-3								
Hexachlorobenzene	90		87		40-140	3		30
2,4-Dinitrotoluene	110		108		40-132	2		30
Hexachlorobutadiene	81		81		28-111	0		30
Hexachloroethane	80		82		21-105	2		30
Nitrobenzene	91		93		40-140	2		30
2,4,6-Trichlorophenol	101		98		30-130	3		30
Pentachlorophenol	**114**	Q	**112**	Q	9-103	2		30
2-Methylphenol	90		90		30-130	0		30
3-Methylphenol/4-Methylphenol	92		92		30-130	0		30
2,4,5-Trichlorophenol	103		102		30-130	1		30
Pyridine	35		39		10-66	11		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		88		21-120
Phenol-d6	83		83		10-120
Nitrobenzene-d5	96		98		23-120
2-Fluorobiphenyl	90		89		15-120
2,4,6-Tribromophenol	102		98		10-120
4-Terphenyl-d14	92		91		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

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: WG1265432-2 WG1265432-3								
Acenaphthene	80		77		31-137	4		50
Hexachlorobenzene	94		92		40-140	2		50
Bis(2-chloroethyl)ether	72		70		40-140	3		50
2-Chloronaphthalene	82		83		40-140	1		50
3,3'-Dichlorobenzidine	68		67		40-140	1		50
2,4-Dinitrotoluene	90		90		40-132	0		50
2,6-Dinitrotoluene	89		92		40-140	3		50
Fluoranthene	89		84		40-140	6		50
4-Chlorophenyl phenyl ether	85		83		40-140	2		50
4-Bromophenyl phenyl ether	91		91		40-140	0		50
Bis(2-chloroisopropyl)ether	60		58		40-140	3		50
Bis(2-chloroethoxy)methane	75		75		40-117	0		50
Hexachlorobutadiene	82		79		40-140	4		50
Hexachlorocyclopentadiene	87		88		40-140	1		50
Hexachloroethane	68		67		40-140	1		50
Isophorone	78		79		40-140	1		50
Naphthalene	75		72		40-140	4		50
Nitrobenzene	77		76		40-140	1		50
NDPA/DPA	86		85		36-157	1		50
n-Nitrosodi-n-propylamine	77		76		32-121	1		50
Bis(2-ethylhexyl)phthalate	75		75		40-140	0		50
Butyl benzyl phthalate	80		76		40-140	5		50
Di-n-butylphthalate	89		86		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

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: WG1265432-2 WG1265432-3								
Di-n-octylphthalate	81		79		40-140	3		50
Diethyl phthalate	85		84		40-140	1		50
Dimethyl phthalate	86		89		40-140	3		50
Benzo(a)anthracene	88		83		40-140	6		50
Benzo(a)pyrene	98		88		40-140	11		50
Benzo(b)fluoranthene	89		81		40-140	9		50
Benzo(k)fluoranthene	89		81		40-140	9		50
Chrysene	81		77		40-140	5		50
Acenaphthylene	84		85		40-140	1		50
Anthracene	90		86		40-140	5		50
Benzo(ghi)perylene	89		81		40-140	9		50
Fluorene	84		82		40-140	2		50
Phenanthrene	84		81		40-140	4		50
Dibenzo(a,h)anthracene	89		82		40-140	8		50
Indeno(1,2,3-cd)pyrene	93		85		40-140	9		50
Pyrene	86		82		35-142	5		50
Biphenyl	85		86		54-104	1		50
4-Chloroaniline	65		64		40-140	2		50
2-Nitroaniline	90		93		47-134	3		50
3-Nitroaniline	72		71		26-129	1		50
4-Nitroaniline	84		84		41-125	0		50
Dibenzofuran	81		78		40-140	4		50
2-Methylnaphthalene	79		78		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

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: WG1265432-2 WG1265432-3								
1,2,4,5-Tetrachlorobenzene	88		88		40-117	0		50
Acetophenone	85		84		14-144	1		50
2,4,6-Trichlorophenol	97		101		30-130	4		50
p-Chloro-m-cresol	88		89		26-103	1		50
2-Chlorophenol	79		77		25-102	3		50
2,4-Dichlorophenol	86		89		30-130	3		50
2,4-Dimethylphenol	84		85		30-130	1		50
2-Nitrophenol	90		91		30-130	1		50
4-Nitrophenol	84		84		11-114	0		50
2,4-Dinitrophenol	105		108		4-130	3		50
4,6-Dinitro-o-cresol	100		102		10-130	2		50
Pentachlorophenol	98		98		17-109	0		50
Phenol	72		71		26-90	1		50
2-Methylphenol	80		80		30-130.	0		50
3-Methylphenol/4-Methylphenol	80		82		30-130	2		50
2,4,5-Trichlorophenol	97		97		30-130	0		50
Carbazole	85		81		54-128	5		50
Atrazine	104		105		40-140	1		50
Benzaldehyde	84		82		40-140	2		50
Caprolactam	84		88		15-130	5		50
2,3,4,6-Tetrachlorophenol	93		92		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932846

Report Date: 07/29/19

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: WG1265432-2 WG1265432-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		74		25-120
Phenol-d6	75		73		10-120
Nitrobenzene-d5	76		74		23-120
2-Fluorobiphenyl	78		78		30-120
2,4,6-Tribromophenol	101		101		10-136
4-Terphenyl-d14	82		77		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932846
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932846-01
Client ID: SP04-190724-1115
Sample Location: ROME, NY

Date Collected: 07/24/19 11:15
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

TCLP/SPLP Ext. Date: 07/25/19 17:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/29/19 08:49	07/29/19 10:47	EPA 3015	1,6010D	PS
Barium, TCLP	0.416	J	mg/l	0.500	0.021	1	07/29/19 08:49	07/29/19 10:47	EPA 3015	1,6010D	PS
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/29/19 08:49	07/29/19 10:47	EPA 3015	1,6010D	PS
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/29/19 08:49	07/29/19 10:47	EPA 3015	1,6010D	PS
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/29/19 08:49	07/29/19 10:47	EPA 3015	1,6010D	PS
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/29/19 10:36	07/29/19 14:20	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/29/19 08:49	07/29/19 10:47	EPA 3015	1,6010D	PS
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/29/19 08:49	07/29/19 10:47	EPA 3015	1,6010D	PS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932846
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932846-01
Client ID: SP04-190724-1115
Sample Location: ROME, NY
Date Collected: 07/24/19 11:15
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.564	J	mg/kg	2.43	0.185	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Arsenic, Total	4.68		mg/kg	0.486	0.101	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Barium, Total	20.7		mg/kg	0.486	0.085	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Beryllium, Total	0.146	J	mg/kg	0.243	0.016	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.486	0.048	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Chromium, Total	4.27		mg/kg	0.486	0.047	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Copper, Total	10.7		mg/kg	0.486	0.125	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Lead, Total	7.38		mg/kg	2.43	0.130	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.077	0.050	1	07/26/19 06:00	07/26/19 14:29	EPA 7471B	1,7471B	GD
Nickel, Total	5.64		mg/kg	1.22	0.118	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.972	0.125	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.486	0.138	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.972	0.153	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Vanadium, Total	7.96		mg/kg	0.486	0.099	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC
Zinc, Total	162		mg/kg	2.43	0.142	1	07/25/19 19:23	07/26/19 15:28	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1932846

Project Number: 127887-007 **Report Date:** 07/29/19

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: WG1264648-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/25/19 19:23	07/26/19 12:32	1,6010D	LC

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 Batch: WG1264789-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/26/19 06:00	07/26/19 13:28	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1265294-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/29/19 08:49	07/29/19 10:38	1,6010D	PS
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/29/19 08:49	07/29/19 10:38	1,6010D	PS

Project Name: LOT 3A IRM **Lab Number:** L1932846

Project Number: 127887-007 **Report Date:** 07/29/19

Method Blank Analysis
Batch Quality Control

Cadmium, TCLP	ND	mg/l	0.100	0.010	1	07/29/19 08:49	07/29/19 10:38	1,6010D	PS
Chromium, TCLP	ND	mg/l	0.200	0.021	1	07/29/19 08:49	07/29/19 10:38	1,6010D	PS
Lead, TCLP	ND	mg/l	0.500	0.027	1	07/29/19 08:49	07/29/19 10:38	1,6010D	PS
Selenium, TCLP	ND	mg/l	0.500	0.035	1	07/29/19 08:49	07/29/19 10:38	1,6010D	PS
Silver, TCLP	ND	mg/l	0.100	0.028	1	07/29/19 08:49	07/29/19 10:38	1,6010D	PS

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/25/19 17:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1265733-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/29/19 10:36	07/29/19 14:13	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/25/19 17:52

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1264648-2 SRM Lot Number: D105-540								
Antimony, Total	147		-		19-249	-		
Arsenic, Total	97		-		70-130	-		
Barium, Total	78		-		75-125	-		
Beryllium, Total	89		-		75-125	-		
Cadmium, Total	94		-		75-125	-		
Chromium, Total	81		-		70-130	-		
Copper, Total	85		-		75-125	-		
Lead, Total	88		-		71-128	-		
Nickel, Total	91		-		70-131	-		
Selenium, Total	94		-		63-137	-		
Silver, Total	82		-		69-131	-		
Thallium, Total	94		-		68-132	-		
Vanadium, Total	80		-		65-135	-		
Zinc, Total	88		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1264789-2 SRM Lot Number: D105-540								
Mercury, Total	100		-		60-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1265294-2					
Arsenic, TCLP	108	-	75-125	-	20
Barium, TCLP	102	-	75-125	-	20
Cadmium, TCLP	105	-	75-125	-	20
Chromium, TCLP	102	-	75-125	-	20
Lead, TCLP	103	-	75-125	-	20
Selenium, TCLP	105	-	75-125	-	20
Silver, TCLP	84	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1265733-2					
Mercury, TCLP	110	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

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 QC Batch ID: WG1264648-3 QC Sample: L1932340-04 Client ID: MS Sample												
Antimony, Total	2.48J	64	53.9	84		-	-		75-125	-		20
Arsenic, Total	4.34	15.4	18.3	91		-	-		75-125	-		20
Barium, Total	45.4	256	265	86		-	-		75-125	-		20
Beryllium, Total	0.623	6.4	5.95	83		-	-		75-125	-		20
Cadmium, Total	ND	6.53	5.18	79		-	-		75-125	-		20
Chromium, Total	14.5	25.6	32.6	**71**	Q	-	-		75-125	-		20
Copper, Total	40.4	32	62.6	**69**	Q	-	-		75-125	-		20
Lead, Total	63.8	65.3	111	**72**	Q	-	-		75-125	-		20
Nickel, Total	12.0	64	61.3	77		-	-		75-125	-		20
Selenium, Total	ND	15.4	13.1	85		-	-		75-125	-		20
Silver, Total	ND	38.4	32.5	84		-	-		75-125	-		20
Thallium, Total	ND	15.4	12.0	78		-	-		75-125	-		20
Vanadium, Total	20.8	64	75.6	86		-	-		75-125	-		20
Zinc, Total	111	64	143	**50**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1264789-3 QC Sample: L1932357-02 Client ID: MS Sample												
Mercury, Total	ND	0.136	0.128	94		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1265294-3 QC Sample: L1932846-01 Client ID: SP04-190724-1115									
Arsenic, TCLP	ND	1.2	1.31	109	-	-	75-125	-	20
Barium, TCLP	0.416J	20	20.9	104	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.534	105	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.02	101	-	-	75-125	-	20
Lead, TCLP	ND	5.1	5.19	102	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.26	105	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.416	83	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1265733-3 QC Sample: L1932846-01 Client ID: SP04-190724-1115									
Mercury, TCLP	ND	0.025	0.0262	105	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932846

Report Date: 07/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1264648-4 QC Sample: L1932340-04 Client ID: DUP Sample						
Beryllium, Total	0.623	0.627	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1264789-4 QC Sample: L1932357-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1265294-4 QC Sample: L1932846-01 Client ID: SP04-190724-1115						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.416J	0.404J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1265733-4 QC Sample: L1932846-01 Client ID: SP04-190724-1115						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932846-01
Client ID: SP04-190724-1115
Sample Location: ROME, NY

Date Collected: 07/24/19 11:15
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	07/25/19 09:54	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932846

Report Date: 07/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1264308-1 QC Sample: L1931637-01 Client ID: DUP Sample						
Solids, Total	89.6	89.8	%	0		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932846
Report Date: 07/29/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1932846-01A	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1932846-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1932846-01C	Vial Large Septa unpreserved (4oz)	A	NA		3.3	Y	Absent		TCLP-EXT-ZHE(14)
L1932846-01D	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14)
L1932846-01S	Vial unpreserved Extracts	A	NA		3.3	Y	Absent		TCLP-VOA(14)
L1932846-01T	Vial unpreserved Extracts	A	NA		3.3	Y	Absent		TCLP-VOA(14)
L1932846-01W	Amber 1000ml unpreserved Extracts	A	NA		3.3	Y	Absent		TCLP-8270(14)
L1932846-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1932846-01X9	Tumble Vessel	A	NA		3.3	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1932846
Project Number:	127887-007	**Report Date:**	07/29/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1932846
Project Number:	127887-007	**Report Date:**	07/29/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1932846
Project Number:	127887-007	**Report Date:**	07/29/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page
of

Date Rec'd in Lab 7/25/19

ALPHA Job # L1932546

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project # 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals				Sample Specific Comments	Total Bottles
32546-01	SP05-190724-1115	7/24/2019	11:15	SO	PAF	--	X	X	X	X	X					4
Container Type							A	A	A	A	A					
Preservative							A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
	7/24/19 18:40		7/24/19 16:10
			7/25/19 0810

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

August 12, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Lab Sample ID: L1934867-01 and L1934867-02) submitted with your August 9, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP05 (Lab Sample ID: L1934867-02), approximately 240 cubic yards, and SP06 (Lab Sample ID: L1934867-01) approximately 280 cubic yards, of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, do not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

9 August 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190809-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

Two piles of soil and/or concrete were generated for disposal and designated as SP-05 and SP-06, respectively. SP-05 is an approximately 240 cubic yard pile (representative of approximately 400 tons), and SP-06 is an approximately 280 cubic yard pile (representative of approximately 470 tons). One (1) composite sample, representative of the material to be disposed, was collected from each stockpile and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the samples is attached for your review. The samples are identified as:

- SP05-190805-1245 (Laboratory Sample ID: L1934867-02)
- SP06-190805-1130 (Laboratory Sample ID: L1934867-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-05_SP-06\2019_0809_SP-05_SP-06_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1934867
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/08/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1934867-01	SP06-190805-1130	SOIL	ROME, NY	08/05/19 11:30	08/05/19
L1934867-02	SP05-190805-1245	SOIL	ROME, NY	08/05/19 12:45	08/05/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1934867
Project Number:	127887-007	**Report Date:**	08/08/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1934867
Project Number:	127887-007	**Report Date:**	08/08/19

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 analyses performed were specified by the client.

Semivolatile Organics

L1934867-01 (SP06-190805-1130): The sample has elevated detection limits due to the dilution required by the sample matrix.

L1934867-02 (SP05-190805-1245): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1934867-01 (SP06-190805-1130) and -02 (SP05-190805-1245): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L1934867-02 (SP06-190805-1130): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

The WG1269010-2/-3 LCS/LCSD recoveries, associated with L1934867-01 (SP06-190805-1130) and -02 (SP05-190805-1245), are above the acceptance criteria for 2-nitroaniline (LCSD at 142%), p-chloro-m-cresol (112%/122%), chlorophenol (LCSD at 108%), 4-nitrophenol (135%/142%), 4,6-dinitro-o-cresol (135%/142%), pentachlorophenol (114%/122%) and phenol (98%/107%); however, the associated samples are non-detect to the RLs for these target analytes. The results of the original analysis are reported.

Project Name:	LOT 3A IRM	**Lab Number:**	L1934867
Project Number:	127887-007	**Report Date:**	08/08/19

Case Narrative (continued)

pH

WG1269371: A Laboratory Duplicate were prepared with the sample batch, however, the native sample was not available for reporting; therefore, the Laboratory Duplicate results could not be 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: Amita Naik

Title: Technical Director/Representative Date: 08/08/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-01
Client ID: SP06-190805-1130
Sample Location: ROME, NY

Date Collected: 08/05/19 11:30
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/07/19 14:33
Analyst: MM
Percent Solids: 86%
TCLP/SPLP Ext. Date: 08/06/19 13:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	88		70-130
dibromofluoromethane	113		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02
Client ID: SP05-190805-1245
Sample Location: ROME, NY

Date Collected: 08/05/19 12:45
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/07/19 14:58
Analyst: MM
Percent Solids: 90%
TCLP/SPLP Ext. Date: 08/06/19 13:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	90		70-130
dibromofluoromethane	109		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/07/19 07:43
Analyst: MM
TCLP/SPLP Extraction Date: 08/06/19 13:05

Extraction Date: 08/06/19 13:05

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01-02 Batch: WG1269548-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	96		70-130
dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01-02 Batch: WG1269548-3 WG1269548-4								
Chloroform	96		93		70-130	3		20
Carbon tetrachloride	95		93		63-132	2		20
Tetrachloroethene	95		90		70-130	5		20
Chlorobenzene	95		95		75-130	0		25
1,2-Dichloroethane	85		84		70-130	1		20
Benzene	98		98		70-130	0		25
Vinyl chloride	90		91		55-140	1		20
1,1-Dichloroethene	100		99		61-145	1		25
Trichloroethene	96		96		70-130	0		25
1,4-Dichlorobenzene	89		89		70-130	0		20
2-Butanone	110		110		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		89		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	94		93		70-130
dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-01
Client ID: SP06-190805-1130
Sample Location: ROME, NY

Date Collected: 08/05/19 11:30
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/08/19 01:32
Analyst: RC
Percent Solids: 86%
TCLP/SPLP Ext. Date: 08/06/19 05:45

Extraction Method: EPA 3510C
Extraction Date: 08/07/19 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	14	J	ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	27		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	84		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-01 D
Client ID: SP06-190805-1130
Sample Location: ROME, NY

Date Collected: 08/05/19 11:30
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/08/19 15:17
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 08/06/19 08:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	530	J	ug/kg	3800	500	25
Hexachlorobenzene	ND		ug/kg	2900	540	25
Bis(2-chloroethyl)ether	ND		ug/kg	4300	650	25
2-Chloronaphthalene	ND		ug/kg	4800	480	25
3,3'-Dichlorobenzidine	ND		ug/kg	4800	1300	25
2,4-Dinitrotoluene	ND		ug/kg	4800	960	25
2,6-Dinitrotoluene	ND		ug/kg	4800	820	25
Fluoranthene	ND		ug/kg	2900	550	25
4-Chlorophenyl phenyl ether	ND		ug/kg	4800	510	25
4-Bromophenyl phenyl ether	ND		ug/kg	4800	730	25
Bis(2-chloroisopropyl)ether	ND		ug/kg	5800	820	25
Bis(2-chloroethoxy)methane	ND		ug/kg	5200	480	25
Hexachlorobutadiene	ND		ug/kg	4800	700	25
Hexachlorocyclopentadiene	ND		ug/kg	14000	4400	25
Hexachloroethane	ND		ug/kg	3800	780	25
Isophorone	ND		ug/kg	4300	620	25
Naphthalene	ND		ug/kg	4800	580	25
Nitrobenzene	ND		ug/kg	4300	710	25
NDPA/DPA	ND		ug/kg	3800	550	25
n-Nitrosodi-n-propylamine	ND		ug/kg	4800	740	25
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4800	1700	25
Butyl benzyl phthalate	ND		ug/kg	4800	1200	25
Di-n-butylphthalate	ND		ug/kg	4800	910	25
Di-n-octylphthalate	ND		ug/kg	4800	1600	25
Diethyl phthalate	ND		ug/kg	4800	440	25
Dimethyl phthalate	ND		ug/kg	4800	1000	25
Benzo(a)anthracene	700	J	ug/kg	2900	540	25
Benzo(a)pyrene	ND		ug/kg	3800	1200	25

Project Name: LOT 3A IRM **Lab Number:** L1934867

Project Number: 127887-007 **Report Date:** 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-01 D Date Collected: 08/05/19 11:30

Client ID: SP06-190805-1130 Date Received: 08/05/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	2900	810	25
Benzo(k)fluoranthene	ND		ug/kg	2900	770	25
Chrysene	940	J	ug/kg	2900	500	25
Acenaphthylene	ND		ug/kg	3800	740	25
Anthracene	ND		ug/kg	2900	940	25
Benzo(ghi)perylene	560	J	ug/kg	3800	560	25
Fluorene	970	J	ug/kg	4800	470	25
Phenanthrene	ND		ug/kg	2900	580	25
Dibenzo(a,h)anthracene	ND		ug/kg	2900	560	25
Indeno(1,2,3-cd)pyrene	ND		ug/kg	3800	670	25
Pyrene	4100		ug/kg	2900	480	25
Biphenyl	ND		ug/kg	11000	1100	25
4-Chloroaniline	ND		ug/kg	4800	870	25
2-Nitroaniline	ND		ug/kg	4800	930	25
3-Nitroaniline	ND		ug/kg	4800	910	25
4-Nitroaniline	ND		ug/kg	4800	2000	25
Dibenzofuran	ND		ug/kg	4800	450	25
2-Methylnaphthalene	ND		ug/kg	5800	580	25
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4800	500	25
Acetophenone	ND		ug/kg	4800	600	25
2,4,6-Trichlorophenol	ND		ug/kg	2900	910	25
p-Chloro-m-cresol	ND		ug/kg	4800	720	25
2-Chlorophenol	ND		ug/kg	4800	570	25
2,4-Dichlorophenol	ND		ug/kg	4300	770	25
2,4-Dimethylphenol	ND		ug/kg	4800	1600	25
2-Nitrophenol	ND		ug/kg	10000	1800	25
4-Nitrophenol	ND		ug/kg	6700	2000	25
2,4-Dinitrophenol	ND		ug/kg	23000	2200	25
4,6-Dinitro-o-cresol	ND		ug/kg	12000	2300	25
Pentachlorophenol	ND		ug/kg	3800	1000	25
Phenol	ND		ug/kg	4800	720	25
2-Methylphenol	ND		ug/kg	4800	740	25
3-Methylphenol/4-Methylphenol	ND		ug/kg	6900	750	25
2,4,5-Trichlorophenol	ND		ug/kg	4800	920	25
Carbazole	ND		ug/kg	4800	470	25
Atrazine	ND		ug/kg	3800	1700	25
Benzaldehyde	ND		ug/kg	6300	1300	25

Project Name: LOT 3A IRM **Lab Number:** L1934867

Project Number: 127887-007 **Report Date:** 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-01 D
Client ID: SP06-190805-1130
Sample Location: ROME, NY

Date Collected: 08/05/19 11:30
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	4800	1500	25
2,3,4,6-Tetrachlorophenol	ND		ug/kg	4800	970	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02
Client ID: SP05-190805-1245
Sample Location: ROME, NY

Date Collected: 08/05/19 12:45
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/08/19 01:57
Analyst: RC
Percent Solids: 90%
TCLP/SPLP Ext. Date: 08/06/19 05:45

Extraction Method: EPA 3510C
Extraction Date: 08/07/19 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	87		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02 D2
Client ID: SP05-190805-1245
Sample Location: ROME, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/08/19 16:36
Analyst: JG
Percent Solids: 90%

Date Collected: 08/05/19 12:45
Date Received: 08/05/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 08/06/19 08:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	320000		ug/kg	14000	2800	125

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02 D
Client ID: SP05-190805-1245
Sample Location: ROME, NY

Date Collected: 08/05/19 12:45
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/08/19 15:43
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 08/06/19 08:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	83000		ug/kg	3700	480	25
Hexachlorobenzene	ND		ug/kg	2800	520	25
Bis(2-chloroethyl)ether	ND		ug/kg	4100	620	25
2-Chloronaphthalene	ND		ug/kg	4600	460	25
3,3'-Dichlorobenzidine	ND		ug/kg	4600	1200	25
2,4-Dinitrotoluene	ND		ug/kg	4600	920	25
2,6-Dinitrotoluene	ND		ug/kg	4600	790	25
Fluoranthene	130000		ug/kg	2800	530	25
4-Chlorophenyl phenyl ether	ND		ug/kg	4600	490	25
4-Bromophenyl phenyl ether	ND		ug/kg	4600	700	25
Bis(2-chloroisopropyl)ether	ND		ug/kg	5500	780	25
Bis(2-chloroethoxy)methane	ND		ug/kg	5000	460	25
Hexachlorobutadiene	ND		ug/kg	4600	670	25
Hexachlorocyclopentadiene	ND		ug/kg	13000	4200	25
Hexachloroethane	ND		ug/kg	3700	740	25
Isophorone	ND		ug/kg	4100	600	25
Naphthalene	160000		ug/kg	4600	560	25
Nitrobenzene	ND		ug/kg	4100	680	25
NDPA/DPA	ND		ug/kg	3700	520	25
n-Nitrosodi-n-propylamine	ND		ug/kg	4600	710	25
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4600	1600	25
Butyl benzyl phthalate	ND		ug/kg	4600	1200	25
Di-n-butylphthalate	ND		ug/kg	4600	870	25
Di-n-octylphthalate	ND		ug/kg	4600	1600	25
Diethyl phthalate	ND		ug/kg	4600	420	25
Dimethyl phthalate	ND		ug/kg	4600	960	25
Benzo(a)anthracene	37000		ug/kg	2800	520	25
Benzo(a)pyrene	17000		ug/kg	3700	1100	25

Project Name: LOT 3A IRM **Lab Number:** L1934867

Project Number: 127887-007 **Report Date:** 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02 D Date Collected: 08/05/19 12:45

Client ID: SP05-190805-1245 Date Received: 08/05/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	25000		ug/kg	2800	770	25
Benzo(k)fluoranthene	9700		ug/kg	2800	740	25
Chrysene	31000		ug/kg	2800	480	25
Acenaphthylene	11000		ug/kg	3700	710	25
Anthracene	110000		ug/kg	2800	900	25
Benzo(ghi)perylene	6100		ug/kg	3700	540	25
Fluorene	100000		ug/kg	4600	450	25
Phenanthrene	220000	E	ug/kg	2800	560	25
Dibenzo(a,h)anthracene	2000	J	ug/kg	2800	530	25
Indeno(1,2,3-cd)pyrene	7600		ug/kg	3700	640	25
Pyrene	94000		ug/kg	2800	460	25
Biphenyl	16000		ug/kg	10000	1100	25
4-Chloroaniline	ND		ug/kg	4600	840	25
2-Nitroaniline	ND		ug/kg	4600	890	25
3-Nitroaniline	ND		ug/kg	4600	870	25
4-Nitroaniline	ND		ug/kg	4600	1900	25
Dibenzofuran	75000		ug/kg	4600	440	25
2-Methylnaphthalene	75000		ug/kg	5500	560	25
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4600	480	25
Acetophenone	ND		ug/kg	4600	570	25
2,4,6-Trichlorophenol	ND		ug/kg	2800	870	25
p-Chloro-m-cresol	ND		ug/kg	4600	680	25
2-Chlorophenol	ND		ug/kg	4600	540	25
2,4-Dichlorophenol	ND		ug/kg	4100	740	25
2,4-Dimethylphenol	ND		ug/kg	4600	1500	25
2-Nitrophenol	ND		ug/kg	9900	1700	25
4-Nitrophenol	ND		ug/kg	6400	1900	25
2,4-Dinitrophenol	ND		ug/kg	22000	2100	25
4,6-Dinitro-o-cresol	ND		ug/kg	12000	2200	25
Pentachlorophenol	ND		ug/kg	3700	1000	25
Phenol	ND		ug/kg	4600	690	25
2-Methylphenol	ND		ug/kg	4600	710	25
3-Methylphenol/4-Methylphenol	ND		ug/kg	6600	720	25
2,4,5-Trichlorophenol	ND		ug/kg	4600	880	25
Carbazole	31000		ug/kg	4600	450	25
Atrazine	ND		ug/kg	3700	1600	25
Benzaldehyde	ND		ug/kg	6100	1200	25

Project Name: LOT 3A IRM **Lab Number:** L1934867

Project Number: 127887-007 **Report Date:** 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02 D
Client ID: SP05-190805-1245
Sample Location: ROME, NY

Date Collected: 08/05/19 12:45
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	4600	1400	25
2,3,4,6-Tetrachlorophenol	ND		ug/kg	4600	930	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/06/19 23:28
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/06/19 08:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1269010-1					
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/06/19 23:28
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/06/19 08:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1269010-1					
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/06/19 23:28
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/06/19 08:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1269010-1					
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	89		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	93		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/07/19 21:21
Analyst: RC
TCLP/SPLP Extraction Date: 08/05/19 23:49

Extraction Method: EPA 3510C
Extraction Date: 08/07/19 07:42

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01-02 Batch: WG1269475-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	90		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

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: WG1269010-2 WG1269010-3								
Acenaphthene	95		100		31-137	5		50
Hexachlorobenzene	93		102		40-140	9		50
Bis(2-chloroethyl)ether	89		92		40-140	3		50
2-Chloronaphthalene	100		110		40-140	10		50
3,3'-Dichlorobenzidine	80		85		40-140	6		50
2,4-Dinitrotoluene	124		130		40-132	5		50
2,6-Dinitrotoluene	121		134		40-140	10		50
Fluoranthene	101		110		40-140	9		50
4-Chlorophenyl phenyl ether	100		107		40-140	7		50
4-Bromophenyl phenyl ether	98		102		40-140	4		50
Bis(2-chloroisopropyl)ether	82		89		40-140	8		50
Bis(2-chloroethoxy)methane	93		105		40-117	12		50
Hexachlorobutadiene	91		101		40-140	10		50
Hexachlorocyclopentadiene	81		93		40-140	14		50
Hexachloroethane	89		96		40-140	8		50
Isophorone	94		104		40-140	10		50
Naphthalene	91		100		40-140	9		50
Nitrobenzene	103		113		40-140	9		50
NDPA/DPA	103		108		36-157	5		50
n-Nitrosodi-n-propylamine	98		106		32-121	8		50
Bis(2-ethylhexyl)phthalate	110		120		40-140	9		50
Butyl benzyl phthalate	113		123		40-140	8		50
Di-n-butylphthalate	103		113		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

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: WG1269010-2 WG1269010-3								
Di-n-octylphthalate	112		122		40-140	9		50
Diethyl phthalate	106		111		40-140	5		50
Dimethyl phthalate	106		116		40-140	9		50
Benzo(a)anthracene	102		108		40-140	6		50
Benzo(a)pyrene	98		102		40-140	4		50
Benzo(b)fluoranthene	106		111		40-140	5		50
Benzo(k)fluoranthene	97		103		40-140	6		50
Chrysene	97		102		40-140	5		50
Acenaphthylene	106		116		40-140	9		50
Anthracene	98		107		40-140	9		50
Benzo(ghi)perylene	103		108		40-140	5		50
Fluorene	101		106		40-140	5		50
Phenanthrene	94		102		40-140	8		50
Dibenzo(a,h)anthracene	97		104		40-140	7		50
Indeno(1,2,3-cd)pyrene	100		106		40-140	6		50
Pyrene	101		108		35-142	7		50
Biphenyl	101		112		37-127	10		50
4-Chloroaniline	86		90		40-140	5		50
2-Nitroaniline	130		**142**	Q	47-134	9		50
3-Nitroaniline	96		102		26-129	6		50
4-Nitroaniline	109		117		41-125	7		50
Dibenzofuran	101		109		40-140	8		50
2-Methylnaphthalene	95		105		40-140	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

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: WG1269010-2 WG1269010-3								
1,2,4,5-Tetrachlorobenzene	97		108		40-117	11		50
Acetophenone	98		107		14-144	9		50
2,4,6-Trichlorophenol	111		120		30-130	8		50
p-Chloro-m-cresol	**112**	Q	**122**	Q	26-103	9		50
2-Chlorophenol	99		**108**	Q	25-102	9		50
2,4-Dichlorophenol	107		116		30-130	8		50
2,4-Dimethylphenol	114		121		30-130	6		50
2-Nitrophenol	128		**139**	Q	30-130	8		50
4-Nitrophenol	**135**	Q	**142**	Q	11-114	5		50
2,4-Dinitrophenol	110		110		4-130	0		50
4,6-Dinitro-o-cresol	**135**	Q	**142**	Q	10-130	5		50
Pentachlorophenol	**114**	Q	**122**	Q	17-109	7		50
Phenol	**98**	Q	**107**	Q	26-90	9		50
2-Methylphenol	100		110		30-130.	10		50
3-Methylphenol/4-Methylphenol	98		110		30-130	12		50
2,4,5-Trichlorophenol	112		125		30-130	11		50
Carbazole	101		108		54-128	7		50
Atrazine	116		121		40-140	4		50
Benzaldehyde	97		107		40-140	10		50
Caprolactam	106		118		15-130	11		50
2,3,4,6-Tetrachlorophenol	106		113		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

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: WG1269010-2 WG1269010-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	92		103		25-120
Phenol-d6	97		105		10-120
Nitrobenzene-d5	100		112		23-120
2-Fluorobiphenyl	96		104		30-120
2,4,6-Tribromophenol	95		103		10-136
4-Terphenyl-d14	91		98		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01-02 Batch: WG1269475-2 WG1269475-3								
Hexachlorobenzene	93		92		40-140	1		30
2,4-Dinitrotoluene	99		97		40-132	2		30
Hexachlorobutadiene	86		88		28-111	2		30
Hexachloroethane	68		72		21-105	6		30
Nitrobenzene	69		69		40-140	0		30
2,4,6-Trichlorophenol	100		99		30-130	1		30
Pentachlorophenol	91		91		9-103	0		30
2-Methylphenol	76		76		30-130	0		30
3-Methylphenol/4-Methylphenol	83		82		30-130	1		30
2,4,5-Trichlorophenol	102		102		30-130	0		30
Pyridine	50		58		10-66	15		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		75		21-120
Phenol-d6	69		69		10-120
Nitrobenzene-d5	73		72		23-120
2-Fluorobiphenyl	90		89		15-120
2,4,6-Tribromophenol	98		94		10-120
4-Terphenyl-d14	94		91		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-01
Client ID: SP06-190805-1130
Sample Location: ROME, NY

Date Collected: 08/05/19 11:30
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

TCLP/SPLP Ext. Date: 08/06/19 05:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/08/19 08:47	08/08/19 11:08	EPA 3015	1,6010D	LC
Barium, TCLP	0.311	J	mg/l	0.500	0.021	1	08/08/19 08:47	08/08/19 11:08	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/08/19 08:47	08/08/19 11:08	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/08/19 08:47	08/08/19 11:08	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/08/19 08:47	08/08/19 11:08	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/07/19 15:37	08/07/19 18:27	EPA 7470A	1,7470A	EA
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/08/19 08:47	08/08/19 11:08	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/08/19 08:47	08/08/19 11:08	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-01
Client ID: SP06-190805-1130
Sample Location: ROME, NY
Date Collected: 08/05/19 11:30
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.212	J	mg/kg	2.21	0.168	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Arsenic, Total	6.10		mg/kg	0.442	0.092	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Barium, Total	28.3		mg/kg	0.442	0.077	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Beryllium, Total	0.164	J	mg/kg	0.221	0.015	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Cadmium, Total	0.438	J	mg/kg	0.442	0.043	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Chromium, Total	4.04		mg/kg	0.442	0.042	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Copper, Total	8.89		mg/kg	0.442	0.114	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Lead, Total	8.92		mg/kg	2.21	0.118	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Mercury, Total	0.241		mg/kg	0.073	0.048	1	08/07/19 06:00	08/07/19 11:14	EPA 7471B	1,7471B	GD
Nickel, Total	6.15		mg/kg	1.10	0.107	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Selenium, Total	0.588	J	mg/kg	0.884	0.114	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.442	0.125	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.884	0.139	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Vanadium, Total	7.40		mg/kg	0.442	0.090	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC
Zinc, Total	144		mg/kg	2.21	0.130	1	08/07/19 10:30	08/07/19 15:46	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02
Client ID: SP05-190805-1245
Sample Location: ROME, NY
Sample Depth:
Matrix: Soil
Percent Solids: 90%

Date Collected: 08/05/19 12:45
Date Received: 08/05/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/06/19 05:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/08/19 08:47	08/08/19 11:13	EPA 3015	1,6010D	LC
Barium, TCLP	0.272	J	mg/l	0.500	0.021	1	08/08/19 08:47	08/08/19 11:13	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/08/19 08:47	08/08/19 11:13	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/08/19 08:47	08/08/19 11:13	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/08/19 08:47	08/08/19 11:13	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/07/19 15:37	08/07/19 18:28	EPA 7470A	1,7470A	EA
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/08/19 08:47	08/08/19 11:13	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/08/19 08:47	08/08/19 11:13	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02
Client ID: SP05-190805-1245
Sample Location: ROME, NY
Date Collected: 08/05/19 12:45
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

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	2.14	0.163	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Arsenic, Total	4.81		mg/kg	0.428	0.089	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Barium, Total	22.5		mg/kg	0.428	0.075	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Beryllium, Total	0.154	J	mg/kg	0.214	0.014	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Cadmium, Total	0.792		mg/kg	0.428	0.042	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Chromium, Total	3.70		mg/kg	0.428	0.041	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Copper, Total	8.99		mg/kg	0.428	0.110	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Lead, Total	7.54		mg/kg	2.14	0.115	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.071	0.046	1	08/07/19 06:00	08/07/19 11:16	EPA 7471B	1,7471B	GD
Nickel, Total	5.68		mg/kg	1.07	0.104	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Selenium, Total	0.415	J	mg/kg	0.856	0.110	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.428	0.121	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.856	0.135	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Vanadium, Total	7.17		mg/kg	0.428	0.087	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC
Zinc, Total	113		mg/kg	2.14	0.125	1	08/07/19 10:30	08/07/19 15:51	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1934867

Project Number: 127887-007 **Report Date:** 08/08/19

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: WG1269426-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/07/19 06:00	08/07/19 10:23	1,7471B	GD

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: WG1269493-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Chromium, Total	0.044	J	mg/kg	0.400	0.038	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Thallium, Total	0.156	J	mg/kg	0.800	0.126	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/07/19 10:30	08/07/19 14:40	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-02 Batch: WG1269685-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/07/19 15:37	08/07/19 18:20	1,7470A	EA

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934867
Report Date: 08/08/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 08/05/19 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-02 Batch: WG1269951-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/08/19 08:47	08/08/19 10:38	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	08/08/19 08:47	08/08/19 10:38	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/08/19 08:47	08/08/19 10:38	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/08/19 08:47	08/08/19 10:38	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/08/19 08:47	08/08/19 10:38	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/08/19 08:47	08/08/19 10:38	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/08/19 08:47	08/08/19 10:38	1,6010D	LC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 08/05/19 23:49

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1269426-2 SRM Lot Number: D105-540								
Mercury, Total	97		-		60-141	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1269493-2 SRM Lot Number: D105-540								
Antimony, Total	165		-		19-249	-		
Arsenic, Total	106		-		70-130	-		
Barium, Total	81		-		75-125	-		
Beryllium, Total	80		-		75-125	-		
Cadmium, Total	96		-		75-125	-		
Chromium, Total	86		-		70-130	-		
Copper, Total	88		-		75-125	-		
Lead, Total	99		-		71-128	-		
Nickel, Total	100		-		70-131	-		
Selenium, Total	102		-		63-137	-		
Silver, Total	88		-		69-131	-		
Thallium, Total	96		-		68-132	-		
Vanadium, Total	87		-		65-135	-		
Zinc, Total	98		-		70-130	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1269685-2								
Mercury, TCLP	102		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1269951-2					
Arsenic, TCLP	109	-	75-125	-	20
Barium, TCLP	99	-	75-125	-	20
Cadmium, TCLP	102	-	75-125	-	20
Chromium, TCLP	98	-	75-125	-	20
Lead, TCLP	100	-	75-125	-	20
Selenium, TCLP	107	-	75-125	-	20
Silver, TCLP	97	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

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: WG1269426-3 QC Sample: L1934162-01 Client ID: MS Sample												
Mercury, Total	ND	0.148	0.172	116		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1269493-3 WG1269493-4 QC Sample: L1935081-16 Client ID: MS Sample												
Antimony, Total	0.195J	40.9	30.3	**74**	Q	33.9	79		75-125	11		20
Arsenic, Total	6.28	9.81	14.7	86		14.9	84		75-125	1		20
Barium, Total	37.9	164	149	**68**	Q	168	76		75-125	12		20
Beryllium, Total	0.208J	4.09	3.00	**73**	Q	3.40	80		75-125	13		20
Cadmium, Total	0.653	4.17	3.21	**61**	Q	3.69	**70**	Q	75-125	14		20
Chromium, Total	17.4	16.4	21.2	**23**	Q	24.9	**44**	Q	75-125	16		20
Copper, Total	23.4	20.4	33.6	**50**	Q	37.1	**64**	Q	75-125	10		20
Lead, Total	12.8	41.7	36.6	**57**	Q	41.5	**66**	Q	75-125	13		20
Nickel, Total	38.7	40.9	47.0	**20**	Q	54.3	**36**	Q	75-125	14		20
Selenium, Total	0.433J	9.81	7.90	80		8.58	84		75-125	8		20
Silver, Total	ND	24.5	20.1	82		22.1	86		75-125	9		20
Thallium, Total	0.195J	9.81	5.76	**59**	Q	6.74	**66**	Q	75-125	16		20
Vanadium, Total	10.5	40.9	39.0	**70**	Q	45.0	81		75-125	14		20
Zinc, Total	47.8	40.9	72.2	**60**	Q	76.2	**66**	Q	75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

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: WG1269493-7 WG1269493-8 QC Sample: L1935114-12 Client ID: MS Sample											
Antimony, Total	0.291J	44	32.2	**73**	Q	29.2	**68**	Q	75-125	10	20
Arsenic, Total	5.00	10.6	13.9	84		13.4	82		75-125	4	20
Barium, Total	38.8	176	177	78		164	**73**	Q	75-125	8	20
Beryllium, Total	0.361	4.4	3.54	**72**	Q	3.34	**70**	Q	75-125	6	20
Cadmium, Total	0.792	4.49	4.01	**72**	Q	3.77	**68**	Q	75-125	6	20
Chromium, Total	13.0	17.6	24.8	**67**	Q	25.3	**72**	Q	75-125	2	20
Copper, Total	29.0	22	41.9	**58**	Q	43.5	**68**	Q	75-125	4	20
Lead, Total	7.67	44.9	38.7	**69**	Q	37.5	**69**	Q	75-125	3	20
Nickel, Total	21.4	44	50.4	**66**	Q	51.6	**71**	Q	75-125	2	20
Selenium, Total	0.404J	10.6	8.50	80		7.62	**74**	Q	75-125	11	20
Silver, Total	0.130J	26.4	21.4	81		19.7	77		75-125	8	20
Thallium, Total	0.387J	10.6	6.95	**66**	Q	6.56	**64**	Q	75-125	6	20
Vanadium, Total	16.1	44	50.1	77		46.2	**71**	Q	75-125	8	20
Zinc, Total	64.7	44	92.1	**62**	Q	92.6	**65**	Q	75-125	1	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1269685-3 QC Sample: L1934790-01 Client ID: MS Sample											
Mercury, TCLP	ND	0.025	0.0232	93		-	-		80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1269951-3 QC Sample: L1934931-01 Client ID: MS Sample									
Arsenic, TCLP	ND	1.2	1.34	112	-	-	75-125	-	20
Barium, TCLP	0.107J	20	20.3	102	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.520	102	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.02	101	-	-	75-125	-	20
Lead, TCLP	ND	5.1	5.11	100	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.28	107	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.493	99	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934867

Report Date: 08/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1269426-4 QC Sample: L1934162-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1269685-4 QC Sample: L1934790-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1269951-4 QC Sample: L1934931-01 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-01
Client ID: SP06-190805-1130
Sample Location: ROME, NY

Date Collected: 08/05/19 11:30
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	08/06/19 03:15	121,2540G	YA
pH (H)	11.9		SU	-	NA	1	-	08/07/19 01:15	1,9045D	DS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

SAMPLE RESULTS

Lab ID: L1934867-02
Client ID: SP05-190805-1245
Sample Location: ROME, NY

Date Collected: 08/05/19 12:45
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	08/06/19 03:15	121,2540G	YA
pH (H)	11.9		SU	-	NA	1	-	08/07/19 01:15	1,9045D	DS

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934867

Report Date: 08/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1269371-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934867

Report Date: 08/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1268884-1 QC Sample: L1934493-03 Client ID: DUP Sample						
Solids, Total	73.2	73.8	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934867
Report Date: 08/08/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1934867-01A	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1934867-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1934867-01C	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		TCLP-EXT-ZHE(14)
L1934867-01D	Glass 500ml/16oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),PH-9045(1)
L1934867-01U	Amber 1000ml unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-8270(14)
L1934867-01W	Plastic 120ml HNO3 preserved Extracts	A	NA		3.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1934867-01X9	Tumble Vessel	A	NA		3.1	Y	Absent		-
L1934867-01Y	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1934867-01Z	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1934867-02A	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1934867-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1934867-02C	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		TCLP-EXT-ZHE(14)
L1934867-02D	Glass 500ml/16oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),PH-9045(1)
L1934867-02U	Amber 1000ml unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-8270(14)
L1934867-02W	Plastic 120ml HNO3 preserved Extracts	A	NA		3.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1934867-02X9	Tumble Vessel	A	NA		3.1	Y	Absent		-
L1934867-02Y	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L1934867-02Z	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1934867
Project Number:	127887-007	**Report Date:**	08/08/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1934867
Project Number:	127887-007	**Report Date:**	08/08/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1934867
Project Number:	127887-007	**Report Date:**	08/08/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab 08/06/19

ALPHA Job # L1934867

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #)	☐
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

H&A Information

H&A Client:	H&A of New York
H&A Address:	200 Town Centre Dr. Ste. 2
Rochester, NY 14623	
H&A Phone:	585-321-4219
H&A Fax:	
H&A Email:	cmondello&haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals				Sample Specific Comments	Total Bottles
34867-01	SP06-190805-1130	8/5/2019	11:30	SO	PAF	--	X	X	X	X	X					4
Container Type							A	A	A	A	A					
Preservative							A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FEDEX	8/5/19 1620		8/5/19 1620
	8/5/19 1620		8/6/19 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page ___ of ___

Date Rec'd in Lab: 08/06/19

ALPHA Job #: L1934867

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals				Sample Specific Comments	Total Bottles
34867-02	SP05-190805-1245	8/5/2019	12:45	SO	PAF	–	X	X	X	X	X					4
Container Type							A	A	A	A	A					
Preservative							A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FACCK	8/5/19 16:20	AH	8/5/19 16:20
	8/5/19 16:20		8/6/19 0800

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

August 15, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1935571-01) submitted with your August 14, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP07 (Sample ID: L1935571-01), approximately 270 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

14 August 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190814-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 270 cubic yard pile (representative of approximately 450 tons) of soil and/or concrete was generated for disposal and designated as SP-07. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP07-190808-0915 (Laboratory Sample ID: L1935571-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-07\2019_0814_SP-07_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1935571
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/13/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1935571-01	SP07-190808-0915	SOIL	ROME, NY	08/08/19 09:15	08/08/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1935571
Project Number:	127887-007	**Report Date:**	08/13/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1935571
Project Number:	127887-007	**Report Date:**	08/13/19

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

L1935571-01 (SP07-190808-0915): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1935571-01 (SP07-190808-0915): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The WG1271174-2/-3 LCS/LCSD recoveries, associated with L1935571-01 (SP07-190808-0915), are above the individual acceptance criteria for p-chloro-m-cresol (109%/107%) and phenol (97%/102%), but within the overall method allowances. 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/13/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1935571
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935571-01
Client ID: SP07-190808-0915
Sample Location: ROME, NY

Date Collected: 08/08/19 09:15
Date Received: 08/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/19 11:20
Analyst: MM
Percent Solids: 88%
TCLP/SPLP Ext. Date: 08/09/19 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
dibromofluoromethane	101		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/19 07:25
Analyst: MM
TCLP/SPLP Extraction Date: 08/09/19 14:10

Extraction Date: 08/09/19 14:10

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1271292-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	121		70-130
dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1271292-3 WG1271292-4								
Chloroform	98		95		70-130	3		20
Carbon tetrachloride	100		99		63-132	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	96		93		75-130	3		25
1,2-Dichloroethane	94		88		70-130	7		20
Benzene	100		95		70-130	5		25
Vinyl chloride	120		110		55-140	9		20
1,1-Dichloroethene	100		95		61-145	5		25
Trichloroethene	100		97		70-130	3		25
1,4-Dichlorobenzene	92		89		70-130	3		20
2-Butanone	83		85		63-138	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		91		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	107		105		70-130
dibromofluoromethane	105		102		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935571-01
Client ID: SP07-190808-0915
Sample Location: ROME, NY

Date Collected: 08/08/19 09:15
Date Received: 08/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/13/19 01:08
Analyst: EK
Percent Solids: 88%
TCLP/SPLP Ext. Date: 08/10/19 15:32

Extraction Method: EPA 3510C
Extraction Date: 08/11/19 17:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	67		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935571-01 D
Client ID: SP07-190808-0915
Sample Location: ROME, NY

Date Collected: 08/08/19 09:15
Date Received: 08/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/13/19 13:40
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 08/11/19 21:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	28000		ug/kg	3000	390	20
Hexachlorobenzene	ND		ug/kg	2200	420	20
Bis(2-chloroethyl)ether	ND		ug/kg	3400	500	20
2-Chloronaphthalene	ND		ug/kg	3700	370	20
3,3'-Dichlorobenzidine	ND		ug/kg	3700	990	20
2,4-Dinitrotoluene	ND		ug/kg	3700	740	20
2,6-Dinitrotoluene	ND		ug/kg	3700	640	20
Fluoranthene	50000		ug/kg	2200	430	20
4-Chlorophenyl phenyl ether	ND		ug/kg	3700	400	20
4-Bromophenyl phenyl ether	ND		ug/kg	3700	570	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4500	640	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4000	370	20
Hexachlorobutadiene	ND		ug/kg	3700	540	20
Hexachlorocyclopentadiene	ND		ug/kg	11000	3400	20
Hexachloroethane	ND		ug/kg	3000	600	20
Isophorone	ND		ug/kg	3400	480	20
Naphthalene	76000		ug/kg	3700	450	20
Nitrobenzene	ND		ug/kg	3400	550	20
NDPA/DPA	ND		ug/kg	3000	420	20
n-Nitrosodi-n-propylamine	ND		ug/kg	3700	580	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3700	1300	20
Butyl benzyl phthalate	ND		ug/kg	3700	940	20
Di-n-butylphthalate	ND		ug/kg	3700	710	20
Di-n-octylphthalate	ND		ug/kg	3700	1300	20
Diethyl phthalate	ND		ug/kg	3700	340	20
Dimethyl phthalate	ND		ug/kg	3700	780	20
Benzo(a)anthracene	13000		ug/kg	2200	420	20
Benzo(a)pyrene	6400		ug/kg	3000	910	20

Project Name: LOT 3A IRM **Lab Number:** L1935571

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935571-01 D Date Collected: 08/08/19 09:15

Client ID: SP07-190808-0915 Date Received: 08/08/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	9100		ug/kg	2200	630	20
Benzo(k)fluoranthene	3200		ug/kg	2200	600	20
Chrysene	12000		ug/kg	2200	390	20
Acenaphthylene	4500		ug/kg	3000	580	20
Anthracene	54000		ug/kg	2200	730	20
Benzo(ghi)perylene	2500	J	ug/kg	3000	440	20
Fluorene	36000		ug/kg	3700	360	20
Phenanthrene	96000		ug/kg	2200	450	20
Dibenzo(a,h)anthracene	790	J	ug/kg	2200	430	20
Indeno(1,2,3-cd)pyrene	2900	J	ug/kg	3000	520	20
Pyrene	36000		ug/kg	2200	370	20
Biphenyl	7000	J	ug/kg	8500	860	20
4-Chloroaniline	ND		ug/kg	3700	680	20
2-Nitroaniline	ND		ug/kg	3700	720	20
3-Nitroaniline	ND		ug/kg	3700	700	20
4-Nitroaniline	ND		ug/kg	3700	1500	20
Dibenzofuran	27000		ug/kg	3700	350	20
2-Methylnaphthalene	30000		ug/kg	4500	450	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3700	390	20
Acetophenone	ND		ug/kg	3700	460	20
2,4,6-Trichlorophenol	ND		ug/kg	2200	710	20
p-Chloro-m-cresol	ND		ug/kg	3700	560	20
2-Chlorophenol	ND		ug/kg	3700	440	20
2,4-Dichlorophenol	ND		ug/kg	3400	600	20
2,4-Dimethylphenol	ND		ug/kg	3700	1200	20
2-Nitrophenol	ND		ug/kg	8000	1400	20
4-Nitrophenol	ND		ug/kg	5200	1500	20
2,4-Dinitrophenol	ND		ug/kg	18000	1700	20
4,6-Dinitro-o-cresol	ND		ug/kg	9700	1800	20
Pentachlorophenol	ND		ug/kg	3000	820	20
Phenol	ND		ug/kg	3700	560	20
2-Methylphenol	ND		ug/kg	3700	580	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5400	580	20
2,4,5-Trichlorophenol	ND		ug/kg	3700	710	20
Carbazole	14000		ug/kg	3700	360	20
Atrazine	ND		ug/kg	3000	1300	20
Benzaldehyde	ND		ug/kg	4900	1000	20

Project Name: LOT 3A IRM **Lab Number:** L1935571

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935571-01 D
Client ID: SP07-190808-0915
Sample Location: ROME, NY

Date Collected: 08/08/19 09:15
Date Received: 08/08/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	3700	1100	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3700	750	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/13/19 01:55
Analyst: IM
TCLP/SPLP Extraction Date: 08/10/19 12:13

Extraction Method: EPA 3510C
Extraction Date: 08/11/19 17:03

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1271163-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	70		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/13/19 00:39
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/11/19 21:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271174-1					
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	26.
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	69	J	ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/13/19 00:39
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/11/19 21:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271174-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
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	25.
2-Chlorophenol	ND		ug/kg	160	20.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/13/19 00:39
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/11/19 21:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271174-1					
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	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	91		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1271163-2 WG1271163-3								
Hexachlorobenzene	56		57		40-140	2		30
2,4-Dinitrotoluene	65		67		40-132	3		30
Hexachlorobutadiene	55		56		28-111	2		30
Hexachloroethane	58		59		21-105	2		30
Nitrobenzene	62		63		40-140	2		30
2,4,6-Trichlorophenol	60		58		30-130	3		30
Pentachlorophenol	60		58		9-103	3		30
2-Methylphenol	66		70		30-130	6		30
3-Methylphenol/4-Methylphenol	66		66		30-130	0		30
2,4,5-Trichlorophenol	60		56		30-130	7		30
Pyridine	49		55		10-66	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		64		21-120
Phenol-d6	61		61		10-120
Nitrobenzene-d5	63		64		23-120
2-Fluorobiphenyl	55		50		15-120
2,4,6-Tribromophenol	54		57		10-120
4-Terphenyl-d14	57		57		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

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: WG1271174-2 WG1271174-3								
Acenaphthene	94		94		31-137	0		50
Hexachlorobenzene	102		90		40-140	13		50
Bis(2-chloroethyl)ether	86		92		40-140	7		50
2-Chloronaphthalene	88		91		40-140	3		50
3,3'-Dichlorobenzidine	82		78		40-140	5		50
2,4-Dinitrotoluene	112		108		40-132	4		50
2,6-Dinitrotoluene	101		104		40-140	3		50
Fluoranthene	99		102		40-140	3		50
4-Chlorophenyl phenyl ether	91		90		40-140	1		50
4-Bromophenyl phenyl ether	103		89		40-140	15		50
Bis(2-chloroisopropyl)ether	71		74		40-140	4		50
Bis(2-chloroethoxy)methane	92		93		40-117	1		50
Hexachlorobutadiene	85		86		40-140	1		50
Hexachlorocyclopentadiene	86		86		40-140	0		50
Hexachloroethane	79		89		40-140	12		50
Isophorone	100		102		40-140	2		50
Naphthalene	91		93		40-140	2		50
Nitrobenzene	95		98		40-140	3		50
NDPA/DPA	98		93		36-157	5		50
n-Nitrosodi-n-propylamine	97		101		32-121	4		50
Bis(2-ethylhexyl)phthalate	114		110		40-140	4		50
Butyl benzyl phthalate	112		118		40-140	5		50
Di-n-butylphthalate	113		109		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

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: WG1271174-2 WG1271174-3								
Di-n-octylphthalate	124		124		40-140	0		50
Diethyl phthalate	101		99		40-140	2		50
Dimethyl phthalate	95		96		40-140	1		50
Benzo(a)anthracene	108		106		40-140	2		50
Benzo(a)pyrene	108		98		40-140	10		50
Benzo(b)fluoranthene	107		109		40-140	2		50
Benzo(k)fluoranthene	115		92		40-140	22		50
Chrysene	96		93		40-140	3		50
Acenaphthylene	90		94		40-140	4		50
Anthracene	103		101		40-140	2		50
Benzo(ghi)perylene	111		108		40-140	3		50
Fluorene	102		97		40-140	5		50
Phenanthrene	98		96		40-140	2		50
Dibenzo(a,h)anthracene	112		111		40-140	1		50
Indeno(1,2,3-cd)pyrene	120		115		40-140	4		50
Pyrene	92		98		35-142	6		50
Biphenyl	96		98		37-127	2		50
4-Chloroaniline	84		80		40-140	5		50
2-Nitroaniline	107		108		47-134	1		50
3-Nitroaniline	92		87		26-129	6		50
4-Nitroaniline	104		99		41-125	5		50
Dibenzofuran	100		100		40-140	0		50
2-Methylnaphthalene	94		93		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

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: WG1271174-2 WG1271174-3								
1,2,4,5-Tetrachlorobenzene	94		93		40-117	1		50
Acetophenone	99		102		14-144	3		50
2,4,6-Trichlorophenol	102		102		30-130	0		50
p-Chloro-m-cresol	**109**	Q	**107**	Q	26-103	2		50
2-Chlorophenol	95		101		25-102	6		50
2,4-Dichlorophenol	98		99		30-130	1		50
2,4-Dimethylphenol	98		102		30-130	4		50
2-Nitrophenol	101		106		30-130	5		50
4-Nitrophenol	110		108		11-114	2		50
2,4-Dinitrophenol	76		91		4-130	18		50
4,6-Dinitro-o-cresol	118		119		10-130	1		50
Pentachlorophenol	104		94		17-109	10		50
Phenol	**97**	Q	**102**	Q	26-90	5		50
2-Methylphenol	105		107		30-130.	2		50
3-Methylphenol/4-Methylphenol	102		106		30-130	4		50
2,4,5-Trichlorophenol	99		103		30-130	4		50
Carbazole	104		97		54-128	7		50
Atrazine	103		89		40-140	15		50
Benzaldehyde	96		101		40-140	5		50
Caprolactam	81		99		15-130	20		50
2,3,4,6-Tetrachlorophenol	104		99		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1935571

Report Date: 08/13/19

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: WG1271174-2 WG1271174-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		94		25-120
Phenol-d6	92		95		10-120
Nitrobenzene-d5	88		92		23-120
2-Fluorobiphenyl	81		80		30-120
2,4,6-Tribromophenol	92		85		10-136
4-Terphenyl-d14	83		91		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1935571
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935571-01
Client ID: SP07-190808-0915
Sample Location: ROME, NY

Date Collected: 08/08/19 09:15
Date Received: 08/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

TCLP/SPLP Ext. Date: 08/10/19 15:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/12/19 11:13	08/12/19 18:32	EPA 3015	1,6010D	AB
Barium, TCLP	0.334	J	mg/l	0.500	0.021	1	08/12/19 11:13	08/12/19 18:32	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/12/19 11:13	08/12/19 18:32	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/12/19 11:13	08/12/19 18:32	EPA 3015	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/12/19 11:13	08/12/19 18:32	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/12/19 15:13	08/13/19 12:32	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/12/19 11:13	08/12/19 18:32	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/12/19 11:13	08/12/19 18:32	EPA 3015	1,6010D	AB

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1935571
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935571-01
Client ID: SP07-190808-0915
Sample Location: ROME, NY
Date Collected: 08/08/19 09:15
Date Received: 08/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.370	J	mg/kg	2.23	0.170	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Arsenic, Total	8.13		mg/kg	0.446	0.093	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Barium, Total	25.6		mg/kg	0.446	0.078	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Beryllium, Total	0.094	J	mg/kg	0.223	0.015	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.446	0.044	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Chromium, Total	3.79		mg/kg	0.446	0.043	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Copper, Total	9.20		mg/kg	0.446	0.115	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Lead, Total	8.03		mg/kg	2.23	0.120	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.072	0.047	1	08/10/19 07:00	08/12/19 17:13	EPA 7471B	1,7471B	GD
Nickel, Total	6.31		mg/kg	1.12	0.108	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Selenium, Total	0.201	J	mg/kg	0.892	0.115	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.446	0.126	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.892	0.140	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Vanadium, Total	5.92		mg/kg	0.446	0.091	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC
Zinc, Total	65.9		mg/kg	2.23	0.131	1	08/12/19 19:15	08/13/19 11:09	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1935571
Report Date: 08/13/19

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: WG1270891-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/10/19 07:00	08/12/19 12:31	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1271318-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/12/19 11:13	08/12/19 17:50	1,6010D	AB
Barium, TCLP	0.023	J	mg/l	0.500	0.021	1	08/12/19 11:13	08/12/19 17:50	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/12/19 11:13	08/12/19 17:50	1,6010D	AB
Chromium, TCLP	0.022	J	mg/l	0.200	0.021	1	08/12/19 11:13	08/12/19 17:50	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/12/19 11:13	08/12/19 17:50	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/12/19 11:13	08/12/19 17:50	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/12/19 11:13	08/12/19 17:50	1,6010D	AB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 08/10/19 12:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1271403-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/12/19 15:13	08/13/19 12:28	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 08/10/19 12:13

Project Name: LOT 3A IRM **Lab Number:** L1935571

Project Number: 127887-007 **Report Date:** 08/13/19

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: WG1271479-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Chromium, Total	0.168	J	mg/kg	0.400	0.038	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/12/19 19:15	08/13/19 10:04	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1270891-2 SRM Lot Number: D105-540								
Mercury, Total	101		-		60-141	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1271318-2								
Arsenic, TCLP	106		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	98		-		75-125	-		20
Chromium, TCLP	96		-		75-125	-		20
Lead, TCLP	95		-		75-125	-		20
Selenium, TCLP	102		-		75-125	-		20
Silver, TCLP	94		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1271403-2								
Mercury, TCLP	94		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1271479-2 SRM Lot Number: D105-540					
Antimony, Total	162	-	19-249	-	
Arsenic, Total	101	-	70-130	-	
Barium, Total	95	-	75-125	-	
Beryllium, Total	97	-	75-125	-	
Cadmium, Total	97	-	75-125	-	
Chromium, Total	94	-	70-130	-	
Copper, Total	97	-	75-125	-	
Lead, Total	95	-	71-128	-	
Nickel, Total	96	-	70-131	-	
Selenium, Total	95	-	63-137	-	
Silver, Total	95	-	69-131	-	
Thallium, Total	96	-	68-132	-	
Vanadium, Total	94	-	65-135	-	
Zinc, Total	94	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

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 QC Batch ID: WG1270891-3 WG1270891-4 QC Sample: L1935087-08 Client ID: MS Sample												
Mercury, Total	0.251	0.161	0.552	**186**	Q	0.458	**129**	Q	80-120	19		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1271318-3 QC Sample: L1935928-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.26	105		-	-		75-125	-		20
Barium, TCLP	0.445J	20	20.6	103		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.500	98		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.96	98		-	-		75-125	-		20
Lead, TCLP	0.656	5.1	5.55	96		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.24	103		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.473	95		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1271403-3 QC Sample: L1935571-01 Client ID: SP07-190808-0915												
Mercury, TCLP	ND	0.025	0.0241	96		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

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: WG1271479-3 WG1271479-4 QC Sample: L1934884-01 Client ID: MS Sample											
Antimony, Total	0.420J	43	36.1	84		36.4	84		75-125	1	20
Arsenic, Total	5.26	10.3	14.7	91		14.2	86		75-125	3	20
Barium, Total	22.0	172	160	80		172	87		75-125	7	20
Beryllium, Total	0.105J	4.3	3.45	80		3.48	81		75-125	1	20
Cadmium, Total	ND	4.39	3.35	76		3.38	77		75-125	1	20
Chromium, Total	72.2	17.2	84.6	**72**	Q	78.6	**37**	Q	75-125	7	20
Copper, Total	25.0	21.5	45.6	96		47.3	104		75-125	4	20
Lead, Total	41.0	43.9	72.6	**72**	Q	70.0	**66**	Q	75-125	4	20
Nickel, Total	215	43	246	**72**	Q	227	**28**	Q	75-125	8	20
Selenium, Total	ND	10.3	8.37	81		8.58	83		75-125	2	20
Silver, Total	ND	25.8	22.4	87		22.6	87		75-125	1	20
Thallium, Total	ND	10.3	7.67	**74**	Q	7.64	**74**	Q	75-125	0	20
Vanadium, Total	8.73	43	45.0	84		44.4	83		75-125	1	20
Zinc, Total	52.1	43	87.8	83		82.8	**71**	Q	75-125	6	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1935571

Report Date: 08/13/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1271318-4 QC Sample: L1935928-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.445J	0.441J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.656	0.637	mg/l	3		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1271403-4 QC Sample: L1935571-01 Client ID: SP07-190808-0915						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935571-01
Client ID: SP07-190808-0915
Sample Location: ROME, NY

Date Collected: 08/08/19 09:15
Date Received: 08/08/19
Field Prep: Not Specified

Sample Depth:
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	-	08/09/19 13:13	121,2540G	RI
pH (H)	7.9		SU	-	NA	1	-	08/10/19 00:08	1,9045D	JW

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1935571

Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1270830-1								
pH	99		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1935571

Report Date: 08/13/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1270642-1 QC Sample: L1935691-01 Client ID: DUP Sample						
Solids, Total	76.9	76.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1270830-2 QC Sample: L1935765-15 Client ID: DUP Sample						
pH	7.9	7.6	SU	4		5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935571
Report Date: 08/13/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1935571-01A	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L1935571-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1935571-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		TCLP-EXT-ZHE(14)
L1935571-01D	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),PH-9045(1)
L1935571-01S	Vial unpreserved Extracts	A	NA		2.3	Y	Absent		TCLP-VOA(14)
L1935571-01T	Vial unpreserved Extracts	A	NA		2.3	Y	Absent		TCLP-VOA(14)
L1935571-01W	Amber 1000ml unpreserved Extracts	A	NA		2.3	Y	Absent		TCLP-8270(14)
L1935571-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1935571-01X9	Tumble Vessel	A	NA		2.3	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1935571
Project Number:	127887-007	**Report Date:**	08/13/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1935571
Project Number:	127887-007	**Report Date:**	08/13/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1935571
Project Number:	127887-007	**Report Date:**	08/13/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab 8/9/19

ALPHA Job # L1935571

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project # 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals	Corrosivity (pH)			Sample Specific Comments	Total Bottles
35571-01	SP07-190808-0915	8/8/2019	9:15	SO	PAF	N/A	X	X	X	X	X	X				4
Container Type							A	A	A	A	A	A				
Preservative							A	A	A	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[signature]	8/8/19 1245	[signature]	8/8/19 1345
[signature]	8/8/19 1345	[signature]	8/9/19 0940

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

August 22, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1937005-01) submitted with your August 21, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP08 (Sample ID: L1937005-01), approximately 220 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

21 August 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190821-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 220 cubic yard pile (representative of approximately 370 tons) of soil and/or concrete was generated for disposal and designated as SP-08. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP08-190815-1530 (Laboratory Sample ID: L1937005-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-08\2019_0821_SP-08_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1937005
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/20/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1937005-01	SP08-190815-1530	SOIL	ROME, NY	08/15/19 15:30	08/15/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1937005
Project Number:	127887-007	**Report Date:**	08/20/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1937005
Project Number:	127887-007	**Report Date:**	08/20/19

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 analyses performed were specified by the client.

Semivolatile Organics

L1937005-01 (SP08-190815-1530): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1937005-01 (SP08-190815-1530): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compounds that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compounds that exceeded the calibration range.

L1937005-01 (SP08-190815-1530): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis 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: Amita Naik

Title: Technical Director/Representative

Date: 08/20/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937005
Report Date: 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01
Client ID: SP08-190815-1530
Sample Location: ROME, NY

Date Collected: 08/15/19 15:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/18/19 12:29
Analyst: AD
Percent Solids: 89%
TCLP/SPLP Ext. Date: 08/16/19 11:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	1.7	J	ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	85		70-130
dibromofluoromethane	114		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/18/19 11:16
Analyst: AD
TCLP/SPLP Extraction Date: 08/16/19 11:20

Extraction Date: 08/16/19 11:20

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1273851-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
dibromofluoromethane	112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1273851-3 WG1273851-4								
Chloroform	98		97		70-130	1		20
Carbon tetrachloride	100		99		63-132	1		20
Tetrachloroethene	96		97		70-130	1		20
Chlorobenzene	96		97		75-130	1		25
1,2-Dichloroethane	88		88		70-130	0		20
Benzene	99		98		70-130	1		25
Vinyl chloride	89		89		55-140	0		20
1,1-Dichloroethene	97		100		61-145	3		25
Trichloroethene	100		100		70-130	0		25
1,4-Dichlorobenzene	90		92		70-130	2		20
2-Butanone	110		120		63-138	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		91		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	87		87		70-130
dibromofluoromethane	108		109		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01
Client ID: SP08-190815-1530
Sample Location: ROME, NY

Date Collected: 08/15/19 15:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/19/19 17:16
Analyst: IM
Percent Solids: 89%
TCLP/SPLP Ext. Date: 08/16/19 19:30

Extraction Method: EPA 3510C
Extraction Date: 08/18/19 16:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	61		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937005
Report Date: 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01
Client ID: SP08-190815-1530
Sample Location: ROME, NY

Date Collected: 08/15/19 15:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/19 14:52
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 08/17/19 13:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100000		ug/kg	3000	380	20
Hexachlorobenzene	ND		ug/kg	2200	420	20
Bis(2-chloroethyl)ether	ND		ug/kg	3400	500	20
2-Chloronaphthalene	ND		ug/kg	3700	370	20
3,3'-Dichlorobenzidine	ND		ug/kg	3700	990	20
2,4-Dinitrotoluene	ND		ug/kg	3700	740	20
2,6-Dinitrotoluene	ND		ug/kg	3700	640	20
Fluoranthene	160000	E	ug/kg	2200	430	20
4-Chlorophenyl phenyl ether	ND		ug/kg	3700	400	20
4-Bromophenyl phenyl ether	ND		ug/kg	3700	570	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4500	640	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4000	370	20
Hexachlorobutadiene	ND		ug/kg	3700	540	20
Hexachlorocyclopentadiene	ND		ug/kg	11000	3400	20
Hexachloroethane	ND		ug/kg	3000	600	20
Isophorone	ND		ug/kg	3400	480	20
Naphthalene	280000	E	ug/kg	3700	450	20
Nitrobenzene	ND		ug/kg	3400	550	20
NDPA/DPA	ND		ug/kg	3000	420	20
n-Nitrosodi-n-propylamine	ND		ug/kg	3700	580	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3700	1300	20
Butyl benzyl phthalate	ND		ug/kg	3700	940	20
Di-n-butylphthalate	ND		ug/kg	3700	710	20
Di-n-octylphthalate	ND		ug/kg	3700	1300	20
Diethyl phthalate	ND		ug/kg	3700	340	20
Dimethyl phthalate	ND		ug/kg	3700	780	20
Benzo(a)anthracene	41000		ug/kg	2200	420	20
Benzo(a)pyrene	15000		ug/kg	3000	910	20

Project Name: LOT 3A IRM **Lab Number:** L1937005

Project Number: 127887-007 **Report Date:** 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01 Date Collected: 08/15/19 15:30

Client ID: SP08-190815-1530 Date Received: 08/15/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	22000		ug/kg	2200	630	20
Benzo(k)fluoranthene	7600		ug/kg	2200	600	20
Chrysene	30000		ug/kg	2200	390	20
Acenaphthylene	17000		ug/kg	3000	580	20
Anthracene	58000		ug/kg	2200	730	20
Benzo(ghi)perylene	4900		ug/kg	3000	440	20
Fluorene	130000		ug/kg	3700	360	20
Phenanthrene	250000	E	ug/kg	2200	450	20
Dibenzo(a,h)anthracene	1800	J	ug/kg	2200	430	20
Indeno(1,2,3-cd)pyrene	6400		ug/kg	3000	520	20
Pyrene	110000		ug/kg	2200	370	20
Biphenyl	15000		ug/kg	8500	860	20
4-Chloroaniline	ND		ug/kg	3700	680	20
2-Nitroaniline	ND		ug/kg	3700	720	20
3-Nitroaniline	ND		ug/kg	3700	700	20
4-Nitroaniline	ND		ug/kg	3700	1500	20
Dibenzofuran	100000		ug/kg	3700	350	20
2-Methylnaphthalene	120000		ug/kg	4500	450	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3700	390	20
Acetophenone	ND		ug/kg	3700	460	20
2,4,6-Trichlorophenol	ND		ug/kg	2200	710	20
p-Chloro-m-cresol	ND		ug/kg	3700	560	20
2-Chlorophenol	ND		ug/kg	3700	440	20
2,4-Dichlorophenol	ND		ug/kg	3400	600	20
2,4-Dimethylphenol	ND		ug/kg	3700	1200	20
2-Nitrophenol	ND		ug/kg	8000	1400	20
4-Nitrophenol	ND		ug/kg	5200	1500	20
2,4-Dinitrophenol	ND		ug/kg	18000	1700	20
4,6-Dinitro-o-cresol	ND		ug/kg	9700	1800	20
Pentachlorophenol	ND		ug/kg	3000	820	20
Phenol	ND		ug/kg	3700	560	20
2-Methylphenol	ND		ug/kg	3700	580	20
3-Methylphenol/4-Methylphenol	620	J	ug/kg	5400	580	20
2,4,5-Trichlorophenol	ND		ug/kg	3700	710	20
Carbazole	4000		ug/kg	3700	360	20
Atrazine	ND		ug/kg	3000	1300	20
Benzaldehyde	ND		ug/kg	4900	1000	20

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937005
Report Date: 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01
Client ID: SP08-190815-1530
Sample Location: ROME, NY
Date Collected: 08/15/19 15:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	3700	1100	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3700	750	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01 D
Client ID: SP08-190815-1530
Sample Location: ROME, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/19 16:07
Analyst: JG
Percent Solids: 89%

Date Collected: 08/15/19 15:30
Date Received: 08/15/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 08/17/19 13:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	180000		ug/kg	11000	2100	100
Naphthalene	400000		ug/kg	19000	2300	100
Phenanthrene	350000		ug/kg	11000	2300	100

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/17/19 12:09
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 08/16/19 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1273513-1					
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	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	460	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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	77	J	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	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/17/19 12:09
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 08/16/19 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1273513-1					
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	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/17/19 12:09
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 08/16/19 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1273513-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
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	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	80		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/19/19 16:01
Analyst: IM
TCLP/SPLP Extraction Date: 08/15/19 00:43

Extraction Method: EPA 3510C
Extraction Date: 08/18/19 16:50

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1273836-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	63		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

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: WG1273513-2 WG1273513-3								
Acenaphthene	81		88		31-137	8		50
Hexachlorobenzene	86		96		40-140	11		50
Bis(2-chloroethyl)ether	77		83		40-140	8		50
2-Chloronaphthalene	83		93		40-140	11		50
3,3'-Dichlorobenzidine	62		66		40-140	6		50
2,4-Dinitrotoluene	86		92		40-132	7		50
2,6-Dinitrotoluene	88		96		40-140	9		50
Fluoranthene	84		91		40-140	8		50
4-Chlorophenyl phenyl ether	81		89		40-140	9		50
4-Bromophenyl phenyl ether	82		90		40-140	9		50
Bis(2-chloroisopropyl)ether	76		81		40-140	6		50
Bis(2-chloroethoxy)methane	79		86		40-117	8		50
Hexachlorobutadiene	76		83		40-140	9		50
Hexachlorocyclopentadiene	78		88		40-140	12		50
Hexachloroethane	76		80		40-140	5		50
Isophorone	80		87		40-140	8		50
Naphthalene	78		85		40-140	9		50
Nitrobenzene	79		85		40-140	7		50
NDPA/DPA	84		92		36-157	9		50
n-Nitrosodi-n-propylamine	82		89		32-121	8		50
Bis(2-ethylhexyl)phthalate	69		77		40-140	11		50
Butyl benzyl phthalate	80		87		40-140	8		50
Di-n-butylphthalate	77		84		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

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: WG1273513-2 WG1273513-3								
Di-n-octylphthalate	70		77		40-140	10		50
Diethyl phthalate	80		87		40-140	8		50
Dimethyl phthalate	90		96		40-140	6		50
Benzo(a)anthracene	80		88		40-140	10		50
Benzo(a)pyrene	80		89		40-140	11		50
Benzo(b)fluoranthene	82		93		40-140	13		50
Benzo(k)fluoranthene	85		94		40-140	10		50
Chrysene	82		90		40-140	9		50
Acenaphthylene	83		92		40-140	10		50
Anthracene	83		92		40-140	10		50
Benzo(ghi)perylene	82		92		40-140	11		50
Fluorene	81		89		40-140	9		50
Phenanthrene	80		87		40-140	8		50
Dibenzo(a,h)anthracene	80		89		40-140	11		50
Indeno(1,2,3-cd)pyrene	79		89		40-140	12		50
Pyrene	85		92		35-142	8		50
Biphenyl	86		93		37-127	8		50
4-Chloroaniline	71		78		40-140	9		50
2-Nitroaniline	86		96		47-134	11		50
3-Nitroaniline	65		69		26-129	6		50
4-Nitroaniline	75		83		41-125	10		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	82		90		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

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: WG1273513-2 WG1273513-3								
1,2,4,5-Tetrachlorobenzene	84		92		40-117	9		50
Acetophenone	82		88		14-144	7		50
2,4,6-Trichlorophenol	89		99		30-130	11		50
p-Chloro-m-cresol	87		96		26-103	10		50
2-Chlorophenol	84		90		25-102	7		50
2,4-Dichlorophenol	85		93		30-130	9		50
2,4-Dimethylphenol	88		95		30-130	8		50
2-Nitrophenol	83		90		30-130	8		50
4-Nitrophenol	94		102		11-114	8		50
2,4-Dinitrophenol	77		83		4-130	8		50
4,6-Dinitro-o-cresol	85		94		10-130	10		50
Pentachlorophenol	93		100		17-109	7		50
Phenol	77		83		26-90	8		50
2-Methylphenol	88		94		30-130.	7		50
3-Methylphenol/4-Methylphenol	85		92		30-130	8		50
2,4,5-Trichlorophenol	95		99		30-130	4		50
Carbazole	82		91		54-128	10		50
Atrazine	79		88		40-140	11		50
Benzaldehyde	68		73		40-140	7		50
Caprolactam	88		96		15-130	9		50
2,3,4,6-Tetrachlorophenol	92		101		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937005

Report Date: 08/20/19

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: WG1273513-2 WG1273513-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		82		25-120
Phenol-d6	84		89		10-120
Nitrobenzene-d5	61		67		23-120
2-Fluorobiphenyl	63		69		30-120
2,4,6-Tribromophenol	85		95		10-136
4-Terphenyl-d14	64		69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1273836-2 WG1273836-3								
Hexachlorobenzene	77		77		40-140	0		30
2,4-Dinitrotoluene	75		77		40-132	3		30
Hexachlorobutadiene	67		65		28-111	3		30
Hexachloroethane	65		64		21-105	2		30
Nitrobenzene	67		66		40-140	2		30
2,4,6-Trichlorophenol	74		76		30-130	3		30
Pentachlorophenol	81		83		9-103	2		30
2-Methylphenol	72		70		30-130	3		30
3-Methylphenol/4-Methylphenol	71		69		30-130	3		30
2,4,5-Trichlorophenol	81		79		30-130	3		30
Pyridine	43		36		10-66	18		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		65		21-120
Phenol-d6	68		67		10-120
Nitrobenzene-d5	54		54		23-120
2-Fluorobiphenyl	58		58		15-120
2,4,6-Tribromophenol	80		80		10-120
4-Terphenyl-d14	59		61		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937005
Report Date: 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01
Client ID: SP08-190815-1530
Sample Location: ROME, NY

Date Collected: 08/15/19 15:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

TCLP/SPLP Ext. Date: 08/16/19 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.041	J	mg/l	1.00	0.019	1	08/19/19 09:41	08/19/19 21:38	EPA 3015	1,6010D	LC
Barium, TCLP	0.291	J	mg/l	0.500	0.021	1	08/19/19 09:41	08/19/19 21:38	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/19/19 09:41	08/19/19 21:38	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/19/19 09:41	08/19/19 21:38	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/19/19 09:41	08/19/19 21:38	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/20/19 11:13	08/20/19 14:16	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/19/19 09:41	08/19/19 21:38	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/19/19 09:41	08/19/19 21:38	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937005
Report Date: 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01
Client ID: SP08-190815-1530
Sample Location: ROME, NY

Date Collected: 08/15/19 15:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.198	J	mg/kg	2.15	0.164	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Arsenic, Total	5.85		mg/kg	0.430	0.090	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Barium, Total	16.8		mg/kg	0.430	0.075	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Beryllium, Total	0.133	J	mg/kg	0.215	0.014	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Cadmium, Total	0.194	J	mg/kg	0.430	0.042	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Chromium, Total	2.90		mg/kg	0.430	0.041	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Copper, Total	7.02		mg/kg	0.430	0.111	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Lead, Total	4.59		mg/kg	2.15	0.115	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.071	0.046	1	08/17/19 12:00	08/20/19 11:52	EPA 7471B	1,7471B	GD
Nickel, Total	4.95		mg/kg	1.08	0.104	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	0.861	0.111	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.430	0.122	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	0.861	0.136	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Vanadium, Total	4.96		mg/kg	0.430	0.087	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB
Zinc, Total	49.2		mg/kg	2.15	0.126	1	08/16/19 21:50	08/19/19 20:04	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1937005

Project Number: 127887-007 **Report Date:** 08/20/19

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: WG1273481-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/16/19 21:50	08/19/19 18:44	1,6010D	AB

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 Batch: WG1273639-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/17/19 12:00	08/19/19 15:58	1,7471B	AL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1273975-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/19/19 09:41	08/19/19 21:13	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	08/19/19 09:41	08/19/19 21:13	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1937005

Project Number: 127887-007 **Report Date:** 08/20/19

Method Blank Analysis
Batch Quality Control

Cadmium, TCLP	ND	mg/l	0.100	0.010	1	08/19/19 09:41	08/19/19 21:13	1,6010D	LC
Chromium, TCLP	ND	mg/l	0.200	0.021	1	08/19/19 09:41	08/19/19 21:13	1,6010D	LC
Lead, TCLP	ND	mg/l	0.500	0.027	1	08/19/19 09:41	08/19/19 21:13	1,6010D	LC
Selenium, TCLP	ND	mg/l	0.500	0.035	1	08/19/19 09:41	08/19/19 21:13	1,6010D	LC
Silver, TCLP	ND	mg/l	0.100	0.028	1	08/19/19 09:41	08/19/19 21:13	1,6010D	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 08/15/19 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1274472-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/20/19 11:13	08/20/19 14:07	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 08/15/19 00:43

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1273481-2 SRM Lot Number: D105-540								
Antimony, Total	131		-		19-249	-		
Arsenic, Total	94		-		70-130	-		
Barium, Total	81		-		75-125	-		
Beryllium, Total	97		-		75-125	-		
Cadmium, Total	89		-		75-125	-		
Chromium, Total	87		-		70-130	-		
Copper, Total	87		-		75-125	-		
Lead, Total	85		-		71-128	-		
Nickel, Total	87		-		70-131	-		
Selenium, Total	90		-		63-137	-		
Silver, Total	86		-		69-131	-		
Thallium, Total	83		-		68-132	-		
Vanadium, Total	88		-		65-135	-		
Zinc, Total	94		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1273639-2 SRM Lot Number: D105-540								
Mercury, Total	81		-		60-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1273975-2					
Arsenic, TCLP	110	-	75-125	-	20
Barium, TCLP	100	-	75-125	-	20
Cadmium, TCLP	104	-	75-125	-	20
Chromium, TCLP	100	-	75-125	-	20
Lead, TCLP	104	-	75-125	-	20
Selenium, TCLP	106	-	75-125	-	20
Silver, TCLP	98	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1274472-2					
Mercury, TCLP	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

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 QC Batch ID: WG1273481-3 QC Sample: L1936331-08 Client ID: MS Sample												
Antimony, Total	1.07J	47.4	36.1	76		-	-		75-125	-		20
Arsenic, Total	11.7	11.4	25.2	119		-	-		75-125	-		20
Barium, Total	96.7	189	232	**71**	Q	-	-		75-125	-		20
Beryllium, Total	0.393J	4.74	5.12	108		-	-		75-125	-		20
Cadmium, Total	0.356J	4.83	5.13	106		-	-		75-125	-		20
Chromium, Total	14.9	18.9	31.8	89		-	-		75-125	-		20
Copper, Total	44.2	23.7	78.6	**145**	Q	-	-		75-125	-		20
Lead, Total	192	48.3	169	**0**	Q	-	-		75-125	-		20
Nickel, Total	19.8	47.4	66.1	98		-	-		75-125	-		20
Selenium, Total	0.384J	11.4	10.3	91		-	-		75-125	-		20
Silver, Total	ND	28.4	25.8	91		-	-		75-125	-		20
Thallium, Total	ND	11.4	8.69	76		-	-		75-125	-		20
Vanadium, Total	22.4	47.4	67.2	95		-	-		75-125	-		20
Zinc, Total	65.5	47.4	123	121		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1273639-3 QC Sample: L1937190-01 Client ID: MS Sample												
Mercury, Total	ND	0.161	0.218	**136**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1273975-3 QC Sample: L1937005-01 Client ID: SP08-190815-1530									
Arsenic, TCLP	0.041J	1.2	1.30	108	-	-	75-125	-	20
Barium, TCLP	0.291J	20	19.3	96	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.503	99	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.93	96	-	-	75-125	-	20
Lead, TCLP	ND	5.1	5.08	100	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.22	102	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.471	94	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1274472-3 QC Sample: L1936379-02 Client ID: MS Sample									
Mercury, TCLP	ND	0.025	0.0256	102	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1273481-4 QC Sample: L1936331-08 Client ID: DUP Sample						
Antimony, Total	1.07J	1.07J	mg/kg	NC		20
Arsenic, Total	11.7	13.5	mg/kg	14		20
Barium, Total	96.7	105	mg/kg	8		20
Beryllium, Total	0.393J	0.445J	mg/kg	NC		20
Cadmium, Total	0.356J	0.408J	mg/kg	NC		20
Chromium, Total	14.9	17.0	mg/kg	13		20
Copper, Total	44.2	50.9	mg/kg	14		20
Lead, Total	192	253	mg/kg	**27**	Q	20
Nickel, Total	19.8	19.8	mg/kg	0		20
Selenium, Total	0.384J	0.418J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	22.4	26.3	mg/kg	16		20
Zinc, Total	65.5	86.8	mg/kg	**28**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1273639-4 QC Sample: L1937190-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937005

Report Date: 08/20/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1273975-4 QC Sample: L1937005-01 Client ID: SP08-190815-1530					
Arsenic, TCLP	0.041J	ND	mg/l	NC	20
Barium, TCLP	0.291J	0.299J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	0.053J	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1274472-4 QC Sample: L1936379-02 Client ID: DUP Sample					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

SAMPLE RESULTS

Lab ID: L1937005-01
Client ID: SP08-190815-1530
Sample Location: ROME, NY

Date Collected: 08/15/19 15:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	08/16/19 11:51	121,2540G	RI
pH (H)	7.3		SU	-	NA	1	-	08/16/19 22:14	1,9045D	AS

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937005

Report Date: 08/20/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1273493-1								
pH	99		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937005

Report Date: 08/20/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1273281-1 QC Sample: L1936634-05 Client ID: DUP Sample						
Solids, Total	90.1	89.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1273493-2 QC Sample: L1936772-01 Client ID: DUP Sample						
pH	8.3	8.2	SU	1		5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937005
Report Date: 08/20/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1937005-01A	Vial Large Septa unpreserved (4oz)	C	NA		5.3	Y	Absent		TCLP-EXT-ZHE(14)
L1937005-01B	Plastic 2oz unpreserved for TS	C	NA		5.3	Y	Absent		TS(7)
L1937005-01C	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1937005-01D	Glass 500ml/16oz unpreserved	C	NA		5.3	Y	Absent		NYTCL-8270(14),PH-9045(1)
L1937005-01S	Amber 1000ml unpreserved Extracts	C	NA		5.3	Y	Absent		TCLP-8270(14)
L1937005-01X	Plastic 120ml HNO3 preserved Extracts	C	NA		5.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1937005-01X9	Tumble Vessel	C	NA		5.3	Y	Absent		-
L1937005-01Y	Vial unpreserved Extracts	C	NA		5.3	Y	Absent		TCLP-VOA(14)
L1937005-01Z	Vial unpreserved Extracts	C	NA		5.3	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1937005
Project Number:	127887-007	**Report Date:**	08/20/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937005
Project Number:	127887-007	**Report Date:**	08/20/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when using acetone as a solvent.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937005
Project Number:	127887-007	**Report Date:**	08/20/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 8/16/19

ALPHA Job #: L1937005

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ **Done**
☐ **Lab to do**
Preservation
☐ **Lab to do**
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals	Corrosivity (pH)			Sample Specific Comments	Total Bottles
37005 01	SP08-190815-1530	08/1519	1530	S	DMN	NA	X	X	X	X	X	X			No "HOLD Sample"	
Container Type							A	A	A	A	A	A				
Preservative							A	A	A	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
	8/15/19 1600		8/15/19 1600
	8/15/19 1830		8/15/19 1830
	8/16/19 1830		8/16/19 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

August 27, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1937704-02) submitted with your August 23, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP09 (Sample ID: L1937704-02), approximately 285 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Stephen G. Malsan P.E. for
Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: S. Malsan, DEC Albany
P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

23 August 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190823-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 285 cubic yard pile (representative of approximately 475 tons) of soil and/or concrete was generated for disposal and designated as SP-09. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP09-190820-1015 (Laboratory Sample ID: L1937704-02)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-09\2019_0823_SP-09_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1937704
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/23/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1937704-02	SP09-190820-1015	SOIL	ROME, NY	08/20/19 10:15	08/20/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1937704
Project Number:	127887-007	**Report Date:**	08/23/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1937704
Project Number:	127887-007	**Report Date:**	08/23/19

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

L1937704-02 (SP09-190820-1015): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1937704-02 (SP09-190820-1015): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L1937704-02 (SP09-190820-1015): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

TCLP Semivolatiles

The WG1275396-2/-3 LCS/LCSD RPD, associated with L1937704-02 (SP09-190820-1015), is above the acceptance criteria for pyridine (35%).

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: Lisa Westerlind

Title: Technical Director/Representative

Date: 08/23/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937704
Report Date: 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02
Client ID: SP09-190820-1015
Sample Location: ROME, NY

Date Collected: 08/20/19 10:15
Date Received: 08/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/22/19 23:40
Analyst: MKS
Percent Solids: 82%
TCLP/SPLP Ext. Date: 08/21/19 12:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	6.0		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	89		70-130
dibromofluoromethane	108		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/22/19 22:03
Analyst: MKS
TCLP/SPLP Extraction Date: 08/21/19 12:35

Extraction Date: 08/21/19 12:35

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1276040-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	87		70-130
dibromofluoromethane	110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1276040-3 WG1276040-4								
Chloroform	100		99		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
Tetrachloroethene	100		98		70-130	2		20
Chlorobenzene	96		94		75-130	2		25
1,2-Dichloroethane	88		86		70-130	2		20
Benzene	100		100		70-130	0		25
Vinyl chloride	92		90		55-140	2		20
1,1-Dichloroethene	100		110		61-145	10		25
Trichloroethene	100		100		70-130	0		25
1,4-Dichlorobenzene	90		86		70-130	5		20
2-Butanone	100		100		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		86		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	89		87		70-130
dibromofluoromethane	106		107		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02
Client ID: SP09-190820-1015
Sample Location: ROME, NY

Date Collected: 08/20/19 10:15
Date Received: 08/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/22/19 17:01
Analyst: EK
Percent Solids: 82%
TCLP/SPLP Ext. Date: 08/21/19 06:21

Extraction Method: EPA 3510C
Extraction Date: 08/22/19 08:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	5.8	J	ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	9.0	J	ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	66		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937704
Report Date: 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02 D2
Client ID: SP09-190820-1015
Sample Location: ROME, NY

Date Collected: 08/20/19 10:15
Date Received: 08/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/23/19 15:04
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/21/19 21:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	970000		ug/kg	40000	4900	200

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937704
Report Date: 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02 D
Client ID: SP09-190820-1015
Sample Location: ROME, NY

Date Collected: 08/20/19 10:15
Date Received: 08/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/22/19 19:08
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/21/19 21:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	23000		ug/kg	3200	420	20
Hexachlorobenzene	ND		ug/kg	2400	450	20
Bis(2-chloroethyl)ether	ND		ug/kg	3600	540	20
2-Chloronaphthalene	ND		ug/kg	4000	400	20
3,3'-Dichlorobenzidine	ND		ug/kg	4000	1100	20
2,4-Dinitrotoluene	ND		ug/kg	4000	800	20
2,6-Dinitrotoluene	ND		ug/kg	4000	690	20
Fluoranthene	35000		ug/kg	2400	460	20
4-Chlorophenyl phenyl ether	ND		ug/kg	4000	430	20
4-Bromophenyl phenyl ether	ND		ug/kg	4000	610	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4800	680	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4300	400	20
Hexachlorobutadiene	ND		ug/kg	4000	590	20
Hexachlorocyclopentadiene	ND		ug/kg	11000	3600	20
Hexachloroethane	ND		ug/kg	3200	650	20
Isophorone	ND		ug/kg	3600	520	20
Naphthalene	750000	E	ug/kg	4000	490	20
Nitrobenzene	ND		ug/kg	3600	590	20
NDPA/DPA	ND		ug/kg	3200	460	20
n-Nitrosodi-n-propylamine	ND		ug/kg	4000	620	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4000	1400	20
Butyl benzyl phthalate	ND		ug/kg	4000	1000	20
Di-n-butylphthalate	ND		ug/kg	4000	760	20
Di-n-octylphthalate	ND		ug/kg	4000	1400	20
Diethyl phthalate	ND		ug/kg	4000	370	20
Dimethyl phthalate	ND		ug/kg	4000	840	20
Benzo(a)anthracene	9300		ug/kg	2400	450	20
Benzo(a)pyrene	5000		ug/kg	3200	980	20

Project Name: LOT 3A IRM **Lab Number:** L1937704

Project Number: 127887-007 **Report Date:** 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02 D Date Collected: 08/20/19 10:15

Client ID: SP09-190820-1015 Date Received: 08/20/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	6900		ug/kg	2400	680	20
Benzo(k)fluoranthene	2600		ug/kg	2400	640	20
Chrysene	7900		ug/kg	2400	420	20
Acenaphthylene	5500		ug/kg	3200	620	20
Anthracene	15000		ug/kg	2400	780	20
Benzo(ghi)perylene	2200	J	ug/kg	3200	470	20
Fluorene	26000		ug/kg	4000	390	20
Phenanthrene	69000		ug/kg	2400	490	20
Dibenzo(a,h)anthracene	680	J	ug/kg	2400	460	20
Indeno(1,2,3-cd)pyrene	2600	J	ug/kg	3200	560	20
Pyrene	24000		ug/kg	2400	400	20
Biphenyl	6900	J	ug/kg	9200	930	20
4-Chloroaniline	ND		ug/kg	4000	730	20
2-Nitroaniline	ND		ug/kg	4000	770	20
3-Nitroaniline	ND		ug/kg	4000	760	20
4-Nitroaniline	ND		ug/kg	4000	1700	20
Dibenzofuran	21000		ug/kg	4000	380	20
2-Methylnaphthalene	41000		ug/kg	4800	480	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4000	420	20
Acetophenone	ND		ug/kg	4000	500	20
2,4,6-Trichlorophenol	ND		ug/kg	2400	760	20
p-Chloro-m-cresol	ND		ug/kg	4000	600	20
2-Chlorophenol	ND		ug/kg	4000	470	20
2,4-Dichlorophenol	ND		ug/kg	3600	640	20
2,4-Dimethylphenol	ND		ug/kg	4000	1300	20
2-Nitrophenol	ND		ug/kg	8700	1500	20
4-Nitrophenol	ND		ug/kg	5600	1600	20
2,4-Dinitrophenol	ND		ug/kg	19000	1900	20
4,6-Dinitro-o-cresol	ND		ug/kg	10000	1900	20
Pentachlorophenol	ND		ug/kg	3200	880	20
Phenol	ND		ug/kg	4000	610	20
2-Methylphenol	ND		ug/kg	4000	620	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5800	630	20
2,4,5-Trichlorophenol	ND		ug/kg	4000	770	20
Carbazole	4200		ug/kg	4000	390	20
Atrazine	ND		ug/kg	3200	1400	20
Benzaldehyde	ND		ug/kg	5300	1100	20

Project Name: LOT 3A IRM **Lab Number:** L1937704

Project Number: 127887-007 **Report Date:** 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02 D
Client ID: SP09-190820-1015
Sample Location: ROME, NY

Date Collected: 08/20/19 10:15
Date Received: 08/20/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	4000	1200	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	4000	810	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/22/19 00:18
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/21/19 13:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1275089-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/22/19 00:18
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/21/19 13:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1275089-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/22/19 00:18
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/21/19 13:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1275089-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	83		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/22/19 15:19
Analyst: EK
TCLP/SPLP Extraction Date: 08/21/19 06:21

Extraction Method: EPA 3510C
Extraction Date: 08/22/19 07:29

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1275396-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	66		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1275089-2 WG1275089-3								
Acenaphthene	78		76		31-137	3		50
Hexachlorobenzene	75		78		40-140	4		50
Bis(2-chloroethyl)ether	68		66		40-140	3		50
2-Chloronaphthalene	81		81		40-140	0		50
3,3'-Dichlorobenzidine	61		60		40-140	2		50
2,4-Dinitrotoluene	96		96		40-132	0		50
2,6-Dinitrotoluene	97		99		40-140	2		50
Fluoranthene	82		82		40-140	0		50
4-Chlorophenyl phenyl ether	81		80		40-140	1		50
4-Bromophenyl phenyl ether	78		78		40-140	0		50
Bis(2-chloroisopropyl)ether	61		58		40-140	5		50
Bis(2-chloroethoxy)methane	75		70		40-117	7		50
Hexachlorobutadiene	79		84		40-140	6		50
Hexachlorocyclopentadiene	52		52		40-140	0		50
Hexachloroethane	79		72		40-140	9		50
Isophorone	78		74		40-140	5		50
Naphthalene	75		73		40-140	3		50
Nitrobenzene	76		79		40-140	4		50
NDPA/DPA	83		83		36-157	0		50
n-Nitrosodi-n-propylamine	77		78		32-121	1		50
Bis(2-ethylhexyl)phthalate	90		88		40-140	2		50
Butyl benzyl phthalate	93		92		40-140	1		50
Di-n-butylphthalate	84		83		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1275089-2 WG1275089-3								
Di-n-octylphthalate	92		90		40-140	2		50
Diethyl phthalate	86		89		40-140	3		50
Dimethyl phthalate	85		84		40-140	1		50
Benzo(a)anthracene	77		76		40-140	1		50
Benzo(a)pyrene	82		85		40-140	4		50
Benzo(b)fluoranthene	82		83		40-140	1		50
Benzo(k)fluoranthene	82		83		40-140	1		50
Chrysene	81		80		40-140	1		50
Acenaphthylene	84		84		40-140	0		50
Anthracene	79		79		40-140	0		50
Benzo(ghi)perylene	85		86		40-140	1		50
Fluorene	82		80		40-140	2		50
Phenanthrene	75		74		40-140	1		50
Dibenzo(a,h)anthracene	82		78		40-140	5		50
Indeno(1,2,3-cd)pyrene	81		81		40-140	0		50
Pyrene	80		82		35-142	2		50
Biphenyl	85		83		37-127	2		50
4-Chloroaniline	89		88		40-140	1		50
2-Nitroaniline	99		96		47-134	3		50
3-Nitroaniline	74		72		26-129	3		50
4-Nitroaniline	85		86		41-125	1		50
Dibenzofuran	81		81		40-140	0		50
2-Methylnaphthalene	74		73		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1275089-2 WG1275089-3								
1,2,4,5-Tetrachlorobenzene	80		82		40-117	2		50
Acetophenone	79		75		14-144	5		50
2,4,6-Trichlorophenol	83		81		30-130	2		50
p-Chloro-m-cresol	91		89		26-103	2		50
2-Chlorophenol	79		77		25-102	3		50
2,4-Dichlorophenol	86		82		30-130	5		50
2,4-Dimethylphenol	92		92		30-130	0		50
2-Nitrophenol	101		95		30-130	6		50
4-Nitrophenol	90		96		11-114	6		50
2,4-Dinitrophenol	65		76		4-130	16		50
4,6-Dinitro-o-cresol	101		100		10-130	1		50
Pentachlorophenol	70		70		17-109	0		50
Phenol	68		72		26-90	6		50
2-Methylphenol	80		76		30-130.	5		50
3-Methylphenol/4-Methylphenol	84		80		30-130	5		50
2,4,5-Trichlorophenol	89		86		30-130	3		50
Carbazole	80		81		54-128	1		50
Atrazine	92		98		40-140	6		50
Benzaldehyde	75		76		40-140	1		50
Caprolactam	79		76		15-130	4		50
2,3,4,6-Tetrachlorophenol	83		80		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937704

Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1275089-2 WG1275089-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		76		25-120
Phenol-d6	81		79		10-120
Nitrobenzene-d5	88		84		23-120
2-Fluorobiphenyl	85		80		30-120
2,4,6-Tribromophenol	85		84		10-136
4-Terphenyl-d14	77		76		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1275396-2 WG1275396-3								
Hexachlorobenzene	74		79		40-140	7		30
2,4-Dinitrotoluene	75		79		40-132	5		30
Hexachlorobutadiene	66		73		28-111	10		30
Hexachloroethane	57		62		21-105	8		30
Nitrobenzene	64		69		40-140	8		30
2,4,6-Trichlorophenol	77		84		30-130	9		30
Pentachlorophenol	82		85		9-103	4		30
2-Methylphenol	69		76		30-130	10		30
3-Methylphenol/4-Methylphenol	75		82		30-130	9		30
2,4,5-Trichlorophenol	77		85		30-130	10		30
Pyridine	28		40		10-66	**35**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		76		21-120
Phenol-d6	68		71		10-120
Nitrobenzene-d5	57		60		23-120
2-Fluorobiphenyl	56		60		15-120
2,4,6-Tribromophenol	87		91		10-120
4-Terphenyl-d14	63		67		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937704
Report Date: 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02
Client ID: SP09-190820-1015
Sample Location: ROME, NY
Sample Depth:
Matrix: Soil
Percent Solids: 82%

Date Collected: 08/20/19 10:15
Date Received: 08/20/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/21/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/23/19 10:22	08/23/19 11:57	EPA 3015	1,6010D	LC
Barium, TCLP	0.397	J	mg/l	0.500	0.021	1	08/23/19 10:22	08/23/19 11:57	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/23/19 10:22	08/23/19 11:57	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/23/19 10:22	08/23/19 11:57	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/23/19 10:22	08/23/19 11:57	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/22/19 16:15	08/23/19 01:01	EPA 7470A	1,7470A	MG
Selenium, TCLP	0.049	J	mg/l	0.500	0.035	1	08/23/19 10:22	08/23/19 11:57	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/23/19 10:22	08/23/19 11:57	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937704
Report Date: 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02
Client ID: SP09-190820-1015
Sample Location: ROME, NY
Date Collected: 08/20/19 10:15
Date Received: 08/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.658	J	mg/kg	2.42	0.184	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Arsenic, Total	10.0		mg/kg	0.484	0.100	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Barium, Total	28.2		mg/kg	0.484	0.084	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Beryllium, Total	0.222	J	mg/kg	0.242	0.016	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.484	0.047	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Chromium, Total	5.28		mg/kg	0.484	0.046	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Copper, Total	42.8		mg/kg	0.484	0.125	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Lead, Total	17.0		mg/kg	2.42	0.130	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Mercury, Total	0.053	J	mg/kg	0.076	0.050	1	08/22/19 10:40	08/22/19 18:06	EPA 7471B	1,7471B	GD
Nickel, Total	6.85		mg/kg	1.21	0.117	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Selenium, Total	0.527	J	mg/kg	0.967	0.125	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.484	0.137	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	0.967	0.152	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Vanadium, Total	8.99		mg/kg	0.484	0.098	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC
Zinc, Total	103		mg/kg	2.42	0.142	1	08/22/19 18:39	08/23/19 00:18	EPA 3050B	1,6010D	MC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937704
Report Date: 08/23/19

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): 02 Batch: WG1275391-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/22/19 08:00	08/22/19 14:41	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG1275658-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/22/19 16:15	08/23/19 00:58	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 08/21/19 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1275712-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Copper, Total	ND		mg/kg	0.400	0.103	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Selenium, Total	0.116	J	mg/kg	0.800	0.103	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Thallium, Total	ND		mg/kg	0.800	0.126	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/22/19 18:39	08/22/19 22:29	1,6010D	MC

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

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
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG1275985-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/23/19 10:22	08/23/19 11:48	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	08/23/19 10:22	08/23/19 11:48	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/23/19 10:22	08/23/19 11:48	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/23/19 10:22	08/23/19 11:48	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/23/19 10:22	08/23/19 11:48	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/23/19 10:22	08/23/19 11:48	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/23/19 10:22	08/23/19 11:48	1,6010D	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 08/21/19 06:21

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1275391-2 SRM Lot Number: D105-540								
Mercury, Total	86		-		60-141	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG1275658-2								
Mercury, TCLP	101		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1275712-2 SRM Lot Number: D105-540								
Antimony, Total	178		-		19-249	-		
Arsenic, Total	105		-		70-130	-		
Barium, Total	97		-		75-125	-		
Beryllium, Total	106		-		75-125	-		
Cadmium, Total	101		-		75-125	-		
Chromium, Total	95		-		70-130	-		
Copper, Total	104		-		75-125	-		
Lead, Total	95		-		71-128	-		
Nickel, Total	99		-		70-131	-		
Selenium, Total	102		-		63-137	-		
Silver, Total	98		-		69-131	-		
Thallium, Total	98		-		68-132	-		
Vanadium, Total	95		-		65-135	-		
Zinc, Total	99		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG1275985-2					
Arsenic, TCLP	102	-	75-125	-	20
Barium, TCLP	94	-	75-125	-	20
Cadmium, TCLP	97	-	75-125	-	20
Chromium, TCLP	94	-	75-125	-	20
Lead, TCLP	94	-	75-125	-	20
Selenium, TCLP	105	-	75-125	-	20
Silver, TCLP	90	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

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): 02 QC Batch ID: WG1275391-3 QC Sample: L1936223-01 Client ID: MS Sample												
Mercury, Total	ND	1.3	1.33	102		-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1275658-3 QC Sample: L1937704-02 Client ID: SP09-190820-1015												
Mercury, TCLP	ND	0.025	0.0268	107		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1275712-3 QC Sample: L1936323-10 Client ID: MS Sample												
Antimony, Total	0.571J	41	36.0	88		-	-		75-125	-		20
Arsenic, Total	3.52	9.83	12.0	86		-	-		75-125	-		20
Barium, Total	19.7	164	158	84		-	-		75-125	-		20
Beryllium, Total	0.416	4.1	4.11	90		-	-		75-125	-		20
Cadmium, Total	ND	4.18	3.14	75		-	-		75-125	-		20
Chromium, Total	8.68	16.4	21.4	78		-	-		75-125	-		20
Copper, Total	15.7	20.5	33.7	88		-	-		75-125	-		20
Lead, Total	7.05	41.8	41.2	82		-	-		75-125	-		20
Nickel, Total	7.79	41	40.9	81		-	-		75-125	-		20
Selenium, Total	0.228J	9.83	8.82	90		-	-		75-125	-		20
Silver, Total	ND	24.6	21.7	88		-	-		75-125	-		20
Thallium, Total	ND	9.83	7.64	78		-	-		75-125	-		20
Vanadium, Total	18.0	41	53.5	87		-	-		75-125	-		20
Zinc, Total	87.9	41	118	**73**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1275985-3 QC Sample: L1937704-02 Client ID: SP09-190820-1015									
Arsenic, TCLP	ND	1.2	1.28	107	-	-	75-125	-	20
Barium, TCLP	0.397J	20	19.5	98	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.494	97	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.88	94	-	-	75-125	-	20
Lead, TCLP	ND	5.1	4.85	95	-	-	75-125	-	20
Selenium, TCLP	0.049J	1.2	1.26	105	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.455	91	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1275391-4 QC Sample: L1936223-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1275658-4 QC Sample: L1937704-02 Client ID: SP09-190820-1015						
Mercury, TCLP	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1275712-4 QC Sample: L1936323-10 Client ID: DUP Sample						
Antimony, Total	0.571J	0.630J	mg/kg	NC		20
Arsenic, Total	3.52	3.51	mg/kg	0		20
Barium, Total	19.7	19.6	mg/kg	1		20
Beryllium, Total	0.416	0.358J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	8.68	9.26	mg/kg	6		20
Copper, Total	15.7	13.9	mg/kg	12		20
Lead, Total	7.05	7.03	mg/kg	0		20
Nickel, Total	7.79	6.69	mg/kg	15		20
Selenium, Total	0.228J	0.280J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	18.0	19.8	mg/kg	10		20
Zinc, Total	87.9	85.9	mg/kg	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937704

Report Date: 08/23/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1275985-4 QC Sample: L1937704-02 Client ID: SP09-190820-1015					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.397J	0.388J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	0.049J	0.063J	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

SAMPLE RESULTS

Lab ID: L1937704-02
Client ID: SP09-190820-1015
Sample Location: ROME, NY

Date Collected: 08/20/19 10:15
Date Received: 08/20/19
Field Prep: Not Specified

Sample Depth:
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	-	08/21/19 11:10	121,2540G	RI
pH (H)	7.8		SU	-	NA	1	-	08/21/19 21:45	1,9045D	AS

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937704

Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1275242-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937704

Report Date: 08/23/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1275006-1 QC Sample: L1937676-01 Client ID: DUP Sample						
Solids, Total	83.4	84.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1275242-2 QC Sample: L1937640-01 Client ID: DUP Sample						
pH	8.5	8.5	SU	0		5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937704
Report Date: 08/23/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1937704-02A	Plastic 2oz unpreserved for TS	A	NA		5.7	Y	Absent		TS(7)
L1937704-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.7	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1937704-02C	Vial Large Septa unpreserved (4oz)	A	NA		5.7	Y	Absent		TCLP-EXT-ZHE(14)
L1937704-02D	Glass 500ml/16oz unpreserved	A	NA		5.7	Y	Absent		NYTCL-8270(14),PH-9045(1)
L1937704-02T	Vial unpreserved Extracts	A	NA		5.7	Y	Absent		TCLP-VOA(14)
L1937704-02U	Vial unpreserved Extracts	A	NA		5.7	Y	Absent		TCLP-VOA(14)
L1937704-02W	Amber 1000ml unpreserved Extracts	A	NA		5.7	Y	Absent		TCLP-8270(14)
L1937704-02X	Plastic 120ml HNO3 preserved Extracts	A	NA		5.7	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1937704-02X9	Tumble Vessel	A	NA		5.7	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1937704
Project Number:	127887-007	**Report Date:**	08/23/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937704
Project Number:	127887-007	**Report Date:**	08/23/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when using acetone as a solvent.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937704
Project Number:	127887-007	**Report Date:**	08/23/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

ALPHA ANALYTICAL

Service Centers
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205 Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 08/21/19

ALPHA Job #: ~~L1937703~~ L1937704 (RD)

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:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #) ☐	
Project Manager:	C. Mondello
ALPHAQuote #:	

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client:	H&A of New York
H&A Address:	200 Town Centre Dr. Ste. 2
	Rochester, NY 14623
H&A Phone:	585-321-4219
H&A Fax:	
H&A Email:	cmondello@haleyaldrich.com

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals	Corrosivity (pH)			Sample Specific Comments	Total Bottles
~~37703-01~~ 37704-01	SP09-190820-1015	8/20/2109	10:15	SO	PAF	N/A	X	X	X	X	X	X				4
Container Type							A	A	A	A	A	A				
Preservative							A	A	A	A	A	A				

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, 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:	Date/Time	Received By:	Date/Time
[signature] FAGE	8/20/19 17:10	[signature] AAL	8/20/19 17:10
[signature]	8/20/19 17:10	[signature]	8/21/19 01:50

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

September 11, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1938502-01) submitted with your August 29, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP-10 (Sample ID: L1938502-01), approximately 250 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Stephen G. Malsan P.E. for
Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: S. Malsan, DEC Albany
P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

August 30, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1938802-01) submitted with your August 29, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP10 (Sample ID: L1938802-01), approximately 250 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Stephen G. Malsan P.E. for
Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: S. Malsan, DEC Albany
P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

29 August 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Stephen Malsan
Environmental Engineer 2

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190829-0001

Dear Mr. Malsan:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 250 cubic yard pile (representative of approximately 417 tons) of soil and/or concrete was generated for disposal and designated as SP-10. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP10-190823-1100 (Laboratory Sample ID: L1938502-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-10\2019_0829_SP-10_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1938502
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/28/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1938502-01	SP10-190823-1100	SOIL	ROME, NY	08/23/19 11:00	08/23/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1938502
Project Number:	127887-007	**Report Date:**	08/28/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1938502
Project Number:	127887-007	**Report Date:**	08/28/19

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

L1938502-01 (SP10-190823-1100): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1938502-01 (SP10-190823-1100): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

TCLP Semivolatiles

The WG1276872-2 LCS recovery, associated with L1938502-01 (SP10-190823-1100), is below the acceptance criteria for pyridine (7%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

The WG1276872-2/-3 LCS/LCSD RPD, associated with L1938502-01 (SP10-190823-1100), is above the acceptance criteria for pyridine (72%).

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: Amita Naik

Title: Technical Director/Representative

Date: 08/28/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938502
Report Date: 08/28/19

SAMPLE RESULTS

Lab ID: L1938502-01
Client ID: SP10-190823-1100
Sample Location: ROME, NY

Date Collected: 08/23/19 11:00
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/19 16:36
Analyst: MM
Percent Solids: 82%
TCLP/SPLP Ext. Date: 08/24/19 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
dibromofluoromethane	103		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/26/19 06:44
Analyst: MM
TCLP/SPLP Extraction Date: 08/24/19 13:00

Extraction Date: 08/24/19 13:00

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1277033-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1277033-3 WG1277033-4								
Chloroform	88		93		70-130	6		20
Carbon tetrachloride	99		100		63-132	1		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	87		89		75-130	2		25
1,2-Dichloroethane	82		86		70-130	5		20
Benzene	91		96		70-130	5		25
Vinyl chloride	92		98		55-140	6		20
1,1-Dichloroethene	85		88		61-145	3		25
Trichloroethene	91		94		70-130	3		25
1,4-Dichlorobenzene	86		87		70-130	1		20
2-Butanone	75		79		63-138	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		92		70-130
Toluene-d8	91		96		70-130
4-Bromofluorobenzene	96		95		70-130
dibromofluoromethane	104		102		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938502
Report Date: 08/28/19

SAMPLE RESULTS

Lab ID: L1938502-01
Client ID: SP10-190823-1100
Sample Location: ROME, NY

Date Collected: 08/23/19 11:00
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/28/19 12:41
Analyst: IM
Percent Solids: 82%
TCLP/SPLP Ext. Date: 08/24/19 22:53

Extraction Method: EPA 3510C
Extraction Date: 08/27/19 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	68		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938502
Report Date: 08/28/19

SAMPLE RESULTS

Lab ID: L1938502-01 D
Client ID: SP10-190823-1100
Sample Location: ROME, NY

Date Collected: 08/23/19 11:00
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/28/19 16:12
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/25/19 09:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	28000		ug/kg	3200	410	20
Hexachlorobenzene	ND		ug/kg	2400	440	20
Bis(2-chloroethyl)ether	ND		ug/kg	3600	540	20
2-Chloronaphthalene	ND		ug/kg	4000	390	20
3,3'-Dichlorobenzidine	ND		ug/kg	4000	1000	20
2,4-Dinitrotoluene	ND		ug/kg	4000	790	20
2,6-Dinitrotoluene	ND		ug/kg	4000	680	20
Fluoranthene	44000		ug/kg	2400	450	20
4-Chlorophenyl phenyl ether	ND		ug/kg	4000	420	20
4-Bromophenyl phenyl ether	ND		ug/kg	4000	600	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4800	680	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4300	400	20
Hexachlorobutadiene	ND		ug/kg	4000	580	20
Hexachlorocyclopentadiene	ND		ug/kg	11000	3600	20
Hexachloroethane	ND		ug/kg	3200	640	20
Isophorone	ND		ug/kg	3600	510	20
Naphthalene	130000		ug/kg	4000	480	20
Nitrobenzene	ND		ug/kg	3600	580	20
NDPA/DPA	ND		ug/kg	3200	450	20
n-Nitrosodi-n-propylamine	ND		ug/kg	4000	610	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4000	1400	20
Butyl benzyl phthalate	ND		ug/kg	4000	1000	20
Di-n-butylphthalate	ND		ug/kg	4000	750	20
Di-n-octylphthalate	ND		ug/kg	4000	1300	20
Diethyl phthalate	ND		ug/kg	4000	370	20
Dimethyl phthalate	ND		ug/kg	4000	830	20
Benzo(a)anthracene	10000		ug/kg	2400	440	20
Benzo(a)pyrene	5600		ug/kg	3200	970	20

Project Name: LOT 3A IRM **Lab Number:** L1938502

Project Number: 127887-007 **Report Date:** 08/28/19

SAMPLE RESULTS

Lab ID: L1938502-01 D Date Collected: 08/23/19 11:00

Client ID: SP10-190823-1100 Date Received: 08/23/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	7800		ug/kg	2400	670	20
Benzo(k)fluoranthene	3100		ug/kg	2400	630	20
Chrysene	9000		ug/kg	2400	410	20
Acenaphthylene	4200		ug/kg	3200	610	20
Anthracene	15000		ug/kg	2400	770	20
Benzo(ghi)perylene	2500	J	ug/kg	3200	460	20
Fluorene	30000		ug/kg	4000	380	20
Phenanthrene	83000		ug/kg	2400	480	20
Dibenzo(a,h)anthracene	840	J	ug/kg	2400	460	20
Indeno(1,2,3-cd)pyrene	2900	J	ug/kg	3200	550	20
Pyrene	30000		ug/kg	2400	390	20
Biphenyl	7100	J	ug/kg	9000	920	20
4-Chloroaniline	ND		ug/kg	4000	720	20
2-Nitroaniline	ND		ug/kg	4000	760	20
3-Nitroaniline	ND		ug/kg	4000	750	20
4-Nitroaniline	ND		ug/kg	4000	1600	20
Dibenzofuran	25000		ug/kg	4000	370	20
2-Methylnaphthalene	36000		ug/kg	4800	480	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4000	410	20
Acetophenone	ND		ug/kg	4000	490	20
2,4,6-Trichlorophenol	ND		ug/kg	2400	750	20
p-Chloro-m-cresol	ND		ug/kg	4000	590	20
2-Chlorophenol	ND		ug/kg	4000	470	20
2,4-Dichlorophenol	ND		ug/kg	3600	640	20
2,4-Dimethylphenol	ND		ug/kg	4000	1300	20
2-Nitrophenol	ND		ug/kg	8600	1500	20
4-Nitrophenol	ND		ug/kg	5500	1600	20
2,4-Dinitrophenol	ND		ug/kg	19000	1800	20
4,6-Dinitro-o-cresol	ND		ug/kg	10000	1900	20
Pentachlorophenol	ND		ug/kg	3200	870	20
Phenol	ND		ug/kg	4000	600	20
2-Methylphenol	ND		ug/kg	4000	610	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5700	620	20
2,4,5-Trichlorophenol	ND		ug/kg	4000	760	20
Carbazole	4800		ug/kg	4000	380	20
Atrazine	ND		ug/kg	3200	1400	20
Benzaldehyde	ND		ug/kg	5200	1100	20

Project Name: LOT 3A IRM **Lab Number:** L1938502

Project Number: 127887-007 **Report Date:** 08/28/19

SAMPLE RESULTS

Lab ID: L1938502-01 D
Client ID: SP10-190823-1100
Sample Location: ROME, NY

Date Collected: 08/23/19 11:00
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	4000	1200	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	4000	800	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/26/19 10:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/24/19 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276373-1					
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	26.
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	41	J	ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/26/19 10:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/24/19 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276373-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
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	25.
2-Chlorophenol	ND		ug/kg	160	20.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/26/19 10:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/24/19 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276373-1					
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	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	89		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/27/19 11:13
Analyst: RC
TCLP/SPLP Extraction Date: 08/24/19 16:14

Extraction Method: EPA 3510C
Extraction Date: 08/26/19 15:45

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1276872-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	57		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

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: WG1276373-2 WG1276373-3								
Acenaphthene	83		83		31-137	0		50
Hexachlorobenzene	93		86		40-140	8		50
Bis(2-chloroethyl)ether	85		83		40-140	2		50
2-Chloronaphthalene	82		78		40-140	5		50
3,3'-Dichlorobenzidine	84		83		40-140	1		50
2,4-Dinitrotoluene	107		101		40-132	6		50
2,6-Dinitrotoluene	98		100		40-140	2		50
Fluoranthene	78		76		40-140	3		50
4-Chlorophenyl phenyl ether	85		79		40-140	7		50
4-Bromophenyl phenyl ether	91		83		40-140	9		50
Bis(2-chloroisopropyl)ether	70		71		40-140	1		50
Bis(2-chloroethoxy)methane	86		90		40-117	5		50
Hexachlorobutadiene	84		78		40-140	7		50
Hexachlorocyclopentadiene	64		59		40-140	8		50
Hexachloroethane	87		84		40-140	4		50
Isophorone	93		99		40-140	6		50
Naphthalene	84		86		40-140	2		50
Nitrobenzene	88		88		40-140	0		50
NDPA/DPA	96		93		36-157	3		50
n-Nitrosodi-n-propylamine	93		92		32-121	1		50
Bis(2-ethylhexyl)phthalate	103		97		40-140	6		50
Butyl benzyl phthalate	102		101		40-140	1		50
Di-n-butylphthalate	101		102		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

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: WG1276373-2 WG1276373-3								
Di-n-octylphthalate	112		109		40-140	3		50
Diethyl phthalate	97		91		40-140	6		50
Dimethyl phthalate	89		89		40-140	0		50
Benzo(a)anthracene	89		90		40-140	1		50
Benzo(a)pyrene	89		86		40-140	3		50
Benzo(b)fluoranthene	83		82		40-140	1		50
Benzo(k)fluoranthene	96		95		40-140	1		50
Chrysene	87		84		40-140	4		50
Acenaphthylene	86		86		40-140	0		50
Anthracene	89		91		40-140	2		50
Benzo(ghi)perylene	91		96		40-140	5		50
Fluorene	95		91		40-140	4		50
Phenanthrene	84		80		40-140	5		50
Dibenzo(a,h)anthracene	96		102		40-140	6		50
Indeno(1,2,3-cd)pyrene	99		104		40-140	5		50
Pyrene	78		70		35-142	11		50
Biphenyl	90		84		37-127	7		50
4-Chloroaniline	63		62		40-140	2		50
2-Nitroaniline	98		99		47-134	1		50
3-Nitroaniline	94		85		26-129	10		50
4-Nitroaniline	96		93		41-125	3		50
Dibenzofuran	95		90		40-140	5		50
2-Methylnaphthalene	83		72		40-140	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

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: WG1276373-2 WG1276373-3								
1,2,4,5-Tetrachlorobenzene	83		75		40-117	10		50
Acetophenone	95		93		14-144	2		50
2,4,6-Trichlorophenol	82		82		30-130	0		50
p-Chloro-m-cresol	99		86		26-103	14		50
2-Chlorophenol	96		94		25-102	2		50
2,4-Dichlorophenol	94		98		30-130	4		50
2,4-Dimethylphenol	93		93		30-130	0		50
2-Nitrophenol	99		98		30-130	1		50
4-Nitrophenol	106		101		11-114	5		50
2,4-Dinitrophenol	82		60		4-130	31		50
4,6-Dinitro-o-cresol	119		110		10-130	8		50
Pentachlorophenol	89		82		17-109	8		50
Phenol	86		84		26-90	2		50
2-Methylphenol	100		99		30-130.	1		50
3-Methylphenol/4-Methylphenol	106		105		30-130	1		50
2,4,5-Trichlorophenol	92		86		30-130	7		50
Carbazole	78		93		54-128	18		50
Atrazine	98		93		40-140	5		50
Benzaldehyde	102		94		40-140	8		50
Caprolactam	99		100		15-130	1		50
2,3,4,6-Tetrachlorophenol	98		91		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938502

Report Date: 08/28/19

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: WG1276373-2 WG1276373-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		88		25-120
Phenol-d6	92		88		10-120
Nitrobenzene-d5	89		87		23-120
2-Fluorobiphenyl	68		69		30-120
2,4,6-Tribromophenol	92		87		10-136
4-Terphenyl-d14	76		64		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1276872-2 WG1276872-3								
Hexachlorobenzene	79		66		40-140	18		30
2,4-Dinitrotoluene	85		70		40-132	19		30
Hexachlorobutadiene	67		56		28-111	18		30
Hexachloroethane	63		51		21-105	21		30
Nitrobenzene	74		61		40-140	19		30
2,4,6-Trichlorophenol	84		70		30-130	18		30
Pentachlorophenol	82		66		9-103	22		30
2-Methylphenol	74		62		30-130	18		30
3-Methylphenol/4-Methylphenol	77		63		30-130	20		30
2,4,5-Trichlorophenol	85		71		30-130	18		30
Pyridine	**7**	Q	14		10-66	**72**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		56		21-120
Phenol-d6	69		55		10-120
Nitrobenzene-d5	61		48		23-120
2-Fluorobiphenyl	64		50		15-120
2,4,6-Tribromophenol	86		69		10-120
4-Terphenyl-d14	66		54		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938502
Report Date: 08/28/19

SAMPLE RESULTS

Lab ID: L1938502-01
Client ID: SP10-190823-1100
Sample Location: ROME, NY
Sample Depth:
Matrix: Soil
Percent Solids: 82%

Date Collected: 08/23/19 11:00
Date Received: 08/23/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/24/19 16:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.028	J	mg/l	1.00	0.019	1	08/27/19 12:21	08/27/19 18:26	EPA 3015	1,6010D	AB
Barium, TCLP	0.050	J	mg/l	0.500	0.021	1	08/27/19 12:21	08/27/19 18:26	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/27/19 12:21	08/27/19 18:26	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/27/19 12:21	08/27/19 18:26	EPA 3015	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/27/19 12:21	08/27/19 18:26	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/27/19 14:34	08/27/19 18:48	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/27/19 12:21	08/27/19 18:26	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/27/19 12:21	08/27/19 18:26	EPA 3015	1,6010D	AB

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938502
Report Date: 08/28/19

SAMPLE RESULTS

Lab ID: L1938502-01
Client ID: SP10-190823-1100
Sample Location: ROME, NY
Date Collected: 08/23/19 11:00
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.745	J	mg/kg	2.33	0.177	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Arsenic, Total	6.64		mg/kg	0.466	0.097	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Barium, Total	22.3		mg/kg	0.466	0.081	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Beryllium, Total	0.158	J	mg/kg	0.233	0.015	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.466	0.046	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Chromium, Total	4.62		mg/kg	0.466	0.045	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Copper, Total	15.3		mg/kg	0.466	0.120	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Lead, Total	15.7		mg/kg	2.33	0.125	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Mercury, Total	0.074	J	mg/kg	0.077	0.050	1	08/27/19 10:45	08/27/19 15:17	EPA 7471B	1,7471B	GD
Nickel, Total	6.77		mg/kg	1.16	0.113	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Selenium, Total	0.177	J	mg/kg	0.931	0.120	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.466	0.132	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	0.931	0.147	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Vanadium, Total	8.12		mg/kg	0.466	0.095	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC
Zinc, Total	115		mg/kg	2.33	0.136	1	08/27/19 07:30	08/27/19 17:20	EPA 3050B	1,6010D	MC

Project Name: LOT 3A IRM **Lab Number:** L1938502

Project Number: 127887-007 **Report Date:** 08/28/19

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: WG1277081-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Chromium, Total	0.068	J	mg/kg	0.400	0.038	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC
Zinc, Total	0.200	J	mg/kg	2.00	0.117	1	08/27/19 07:30	08/27/19 10:21	1,6010D	LC

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 Batch: WG1277171-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/27/19 10:45	08/27/19 14:28	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1277190-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/27/19 12:21	08/27/19 14:18	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	08/27/19 12:21	08/27/19 14:18	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1938502

Project Number: 127887-007 **Report Date:** 08/28/19

Method Blank Analysis
Batch Quality Control

Cadmium, TCLP	ND	mg/l	0.100	0.010	1	08/27/19 12:21	08/27/19 14:18	1,6010D	LC
Chromium, TCLP	ND	mg/l	0.200	0.021	1	08/27/19 12:21	08/27/19 14:18	1,6010D	LC
Lead, TCLP	ND	mg/l	0.500	0.027	1	08/27/19 12:21	08/27/19 14:18	1,6010D	LC
Selenium, TCLP	ND	mg/l	0.500	0.035	1	08/27/19 12:21	08/27/19 14:18	1,6010D	LC
Silver, TCLP	ND	mg/l	0.100	0.028	1	08/27/19 12:21	08/27/19 14:18	1,6010D	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 08/23/19 06:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1277266-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/27/19 14:34	08/27/19 18:41	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 08/23/19 06:18

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1277081-2 SRM Lot Number: D105-540								
Antimony, Total	165		-		19-249	-		
Arsenic, Total	99		-		70-130	-		
Barium, Total	83		-		75-125	-		
Beryllium, Total	94		-		75-125	-		
Cadmium, Total	101		-		75-125	-		
Chromium, Total	86		-		70-130	-		
Copper, Total	89		-		75-125	-		
Lead, Total	91		-		71-128	-		
Nickel, Total	99		-		70-131	-		
Selenium, Total	96		-		63-137	-		
Silver, Total	86		-		69-131	-		
Thallium, Total	96		-		68-132	-		
Vanadium, Total	84		-		65-135	-		
Zinc, Total	96		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1277171-2 SRM Lot Number: D105-540								
Mercury, Total	86		-		60-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1277190-2					
Arsenic, TCLP	106	-	75-125	-	20
Barium, TCLP	99	-	75-125	-	20
Cadmium, TCLP	107	-	75-125	-	20
Chromium, TCLP	102	-	75-125	-	20
Lead, TCLP	101	-	75-125	-	20
Selenium, TCLP	100	-	75-125	-	20
Silver, TCLP	96	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1277266-2					
Mercury, TCLP	86	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

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 QC Batch ID: WG1277081-3 QC Sample: L1937004-01 Client ID: MS Sample												
Antimony, Total	ND	41.8	35.5	85		-	-		75-125	-		20
Arsenic, Total	4.16	10	13.8	96		-	-		75-125	-		20
Barium, Total	29.6	167	182	91		-	-		75-125	-		20
Beryllium, Total	0.168J	4.18	3.77	90		-	-		75-125	-		20
Cadmium, Total	ND	4.26	3.04	**71**	Q	-	-		75-125	-		20
Chromium, Total	6.94	16.7	21.1	85		-	-		75-125	-		20
Copper, Total	8.90	20.9	29.1	97		-	-		75-125	-		20
Lead, Total	9.94	42.6	43.7	79		-	-		75-125	-		20
Nickel, Total	7.61	41.8	41.0	80		-	-		75-125	-		20
Selenium, Total	ND	10	8.92	89		-	-		75-125	-		20
Silver, Total	ND	25	23.6	94		-	-		75-125	-		20
Thallium, Total	ND	10	7.56	75		-	-		75-125	-		20
Vanadium, Total	11.8	41.8	48.1	87		-	-		75-125	-		20
Zinc, Total	24.0	41.8	60.5	87		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277171-3 QC Sample: L1937744-01 Client ID: MS Sample												
Mercury, Total	ND	0.15	0.132	88		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277190-3 QC Sample: L1938160-01 Client ID: MS Sample									
Arsenic, TCLP	0.028J	1.2	1.32	110	-	-	75-125	-	20
Barium, TCLP	0.030J	20	20.7	104	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.570	112	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.11	106	-	-	75-125	-	20
Lead, TCLP	ND	5.1	5.35	105	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.28	107	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.502	100	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277266-3 QC Sample: L1938502-01 Client ID: SP10-190823-1100									
Mercury, TCLP	ND	0.025	0.0234	94	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277081-4 QC Sample: L1937004-01 Client ID: DUP Sample						
Antimony, Total	ND	0.321J	mg/kg	NC		20
Arsenic, Total	4.16	4.26	mg/kg	2		20
Barium, Total	29.6	28.2	mg/kg	5		20
Beryllium, Total	0.168J	0.160J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	6.94	6.46	mg/kg	7		20
Copper, Total	8.90	8.85	mg/kg	1		20
Lead, Total	9.94	12.8	mg/kg	**25**	Q	20
Nickel, Total	7.61	7.32	mg/kg	4		20
Selenium, Total	ND	0.219J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	11.8	10.0	mg/kg	17		20
Zinc, Total	24.0	24.2	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277171-4 QC Sample: L1937744-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277190-4 QC Sample: L1938160-01 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938502

Report Date: 08/28/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277266-4 QC Sample: L1938502-01 Client ID: SP10-190823-1100					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

SAMPLE RESULTS

Lab ID: L1938502-01
Client ID: SP10-190823-1100
Sample Location: ROME, NY

Date Collected: 08/23/19 11:00
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	08/24/19 11:17	121,2540G	RI
pH (H)	7.8		SU	-	NA	1	-	08/26/19 18:44	1,9045D	AS

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1276900-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938502

Report Date: 08/28/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1276331-1 QC Sample: L1938351-01 Client ID: DUP Sample						
Solids, Total	95.4	95.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1276900-2 QC Sample: L1938442-01 Client ID: DUP Sample						
pH	8.5	8.5	SU	0		5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938502
Report Date: 08/28/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1938502-01A	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L1938502-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1938502-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.7	Y	Absent		TCLP-EXT-ZHE(14)
L1938502-01D	Glass 500ml/16oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),PH-9045(1)
L1938502-01T	Vial unpreserved Extracts	A	NA		2.7	Y	Absent		TCLP-VOA(14)
L1938502-01U	Vial unpreserved Extracts	A	NA		2.7	Y	Absent		TCLP-VOA(14)
L1938502-01W	Amber 1000ml unpreserved Extracts	A	NA		2.7	Y	Absent		TCLP-8270(14)
L1938502-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.7	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1938502-01X9	Tumble Vessel	A	NA		2.7	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1938502
Project Number:	127887-007	**Report Date:**	08/28/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938502
Project Number:	127887-007	**Report Date:**	08/28/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938502
Project Number:	127887-007	**Report Date:**	08/28/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/24/19

ALPHA Job #: L1938502

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals	Corrosivity (pH)			Sample Specific Comments	Total Bottles
38502-01	SP10-190823-1100	8/23/2019	11:00	SO	PAF	N/A	X	X	X	X	X	X				4
Container Type							A	A	A	A	A	A				
Preservative							A	A	A	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
PAF	8/23/19 1650		8/23/19 1650
	8/23/19 2240		8/23/19 01:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

September 6, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Lab Sample ID: L1938984-01 and L1939218-01) submitted with your September 4, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP-11 (Lab Sample ID: L1938984-01), approximately 270 cubic yards, and SP-12 (Lab Sample ID: L1939218-01) approximately 270 cubic yards, of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, do not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

4 September 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190904-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 270 cubic yard pile (representative of approximately 450 tons) of soil and/or concrete was generated for disposal and designated as SP-11. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP11-190827-1330 (Laboratory Sample ID: L1938984-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-11\2019_0904_SP-11_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1938984
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/30/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1938984-01	SP11-190827-1330	SOIL	ROME, NY	08/27/19 13:30	08/27/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1938984
Project Number:	127887-007	**Report Date:**	08/30/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: LOT 3A IRM **Lab Number:** L1938984
Project Number: 127887-007 **Report Date:** 08/30/19

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.

TCLP Volatiles
WG1278326-3/-4: One or more compounds failed to meet the recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

Semivolatile Organics
L1938984-01: The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.
The WG1278056-3 LCSD recoveries, associated with L1938984-01, are above the individual acceptance criteria for n-nitrosodimethylamine (108%), p-chloro-m-cresol (122%), 2-chlorophenol (108%), 4-nitrophenol (143%), phenol (105%), pyridine (96%) and caprolactam (141%), but within the overall method allowances. The results of the associated samples are reported.

TCLP Semivolatiles
The WG1278654-2/-3 LCS/LCSD RPD, associated with L1938984-01, is above the acceptance criteria for pyridine (67%).

Total Metals
L1938984-01: 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: 08/30/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938984
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01
Client ID: SP11-190827-1330
Sample Location: ROME, NY

Date Collected: 08/27/19 13:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/29/19 15:15
Analyst: MKS
Percent Solids: 81%
TCLP/SPLP Ext. Date: 08/28/19 18:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
dibromofluoromethane	113		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/29/19 11:36
Analyst: NLK
TCLP/SPLP Extraction Date: 08/28/19 18:17

Extraction Date: 08/28/19 18:17

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1278326-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	88		70-130
dibromofluoromethane	114		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1278326-3 WG1278326-4								
Chloroform	98		96		70-130	2		20
Carbon tetrachloride	98		94		63-132	4		20
Tetrachloroethene	84		85		70-130	1		20
Chlorobenzene	86		86		75-130	0		25
1,2-Dichloroethane	100		98		70-130	2		20
Benzene	100		99		70-130	1		25
Vinyl chloride	92		91		55-140	1		20
1,1-Dichloroethene	100		100		61-145	0		25
Trichloroethene	100		99		70-130	1		25
1,4-Dichlorobenzene	77		76		70-130	1		20
2-Butanone	**140**	Q	**140**	Q	63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	97		99		70-130
4-Bromofluorobenzene	92		92		70-130
dibromofluoromethane	106		106		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01
Client ID: SP11-190827-1330
Sample Location: ROME, NY

Date Collected: 08/27/19 13:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/30/19 16:40
Analyst: ALS
Percent Solids: 81%
TCLP/SPLP Ext. Date: 08/29/19 05:47

Extraction Method: EPA 3510C
Extraction Date: 08/30/19 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	75		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	111		10-120
4-Terphenyl-d14	75		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938984
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01
Client ID: SP11-190827-1330
Sample Location: ROME, NY

Date Collected: 08/27/19 13:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/30/19 11:17
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 08/29/19 18:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	12000	E	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	22000	E	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	220	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	44000	E	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	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	5500		ug/kg	120	22.	1
Benzo(a)pyrene	2900		ug/kg	160	49.	1

Project Name: LOT 3A IRM **Lab Number:** L1938984

Project Number: 127887-007 **Report Date:** 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01 Date Collected: 08/27/19 13:30

Client ID: SP11-190827-1330 Date Received: 08/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	4100		ug/kg	120	34.	1
Benzo(k)fluoranthene	1500		ug/kg	120	32.	1
Chrysene	4600		ug/kg	120	21.	1
Acenaphthylene	2000		ug/kg	160	31.	1
Anthracene	18000	E	ug/kg	120	39.	1
Benzo(ghi)perylene	1000		ug/kg	160	24.	1
Fluorene	15000	E	ug/kg	200	19.	1
Phenanthrene	36000	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	320		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1300		ug/kg	160	28.	1
Pyrene	15000	E	ug/kg	120	20.	1
Biphenyl	3600		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	12000	E	ug/kg	200	19.	1
2-Methylnaphthalene	16000	E	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	82.	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	40	J	ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	6300		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: LOT 3A IRM **Lab Number:** L1938984

Project Number: 127887-007 **Report Date:** 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01 Date Collected: 08/27/19 13:30

Client ID: SP11-190827-1330 Date Received: 08/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	37		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	38		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01 D
Client ID: SP11-190827-1330
Sample Location: ROME, NY

Date Collected: 08/27/19 13:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/30/19 12:35
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 08/29/19 18:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	10000		ug/kg	3200	410	20
Fluoranthene	18000		ug/kg	2400	460	20
Naphthalene	46000		ug/kg	4000	490	20
Anthracene	14000		ug/kg	2400	780	20
Fluorene	12000		ug/kg	4000	390	20
Phenanthrene	32000		ug/kg	2400	490	20
Pyrene	12000		ug/kg	2400	400	20
Dibenzofuran	9400		ug/kg	4000	380	20
2-Methylnaphthalene	11000		ug/kg	4800	480	20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 12:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/29/19 03:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278056-1					
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	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	24	J	ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
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	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 12:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/29/19 03:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278056-1					
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	24	J	ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 12:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/29/19 03:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278056-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	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	86		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	74		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/30/19 15:20
Analyst: ALS
TCLP/SPLP Extraction Date: 08/29/19 05:47

Extraction Method: EPA 3510C
Extraction Date: 08/30/19 07:42

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1278654-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	74		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

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: WG1278056-2 WG1278056-3								
Acenaphthene	85		113		31-137	28		50
Hexachlorobenzene	87		112		40-140	25		50
Bis(2-chloroethyl)ether	83		110		40-140	28		50
2-Chloronaphthalene	83		108		40-140	26		50
3,3'-Dichlorobenzidine	67		83		40-140	21		50
2,4-Dinitrotoluene	89		115		40-132	25		50
2,6-Dinitrotoluene	86		111		40-140	25		50
Fluoranthene	92		120		40-140	26		50
4-Chlorophenyl phenyl ether	84		107		40-140	24		50
4-Bromophenyl phenyl ether	86		109		40-140	24		50
Bis(2-chloroisopropyl)ether	97		131		40-140	30		50
Bis(2-chloroethoxy)methane	83		109		40-117	27		50
Hexachlorobutadiene	77		104		40-140	30		50
Hexachlorocyclopentadiene	58		80		40-140	32		50
Hexachloroethane	79		107		40-140	30		50
Isophorone	86		112		40-140	26		50
Naphthalene	82		110		40-140	29		50
Nitrobenzene	85		112		40-140	27		50
NDPA/DPA	88		112		36-157	24		50
n-Nitrosodi-n-propylamine	85		115		32-121	30		50
Bis(2-ethylhexyl)phthalate	88		111		40-140	23		50
Butyl benzyl phthalate	93		120		40-140	25		50
Di-n-butylphthalate	91		117		40-140	25		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

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: WG1278056-2 WG1278056-3								
Di-n-octylphthalate	89		114		40-140	25		50
Diethyl phthalate	90		114		40-140	24		50
Dimethyl phthalate	84		109		40-140	26		50
Benzo(a)anthracene	87		111		40-140	24		50
Benzo(a)pyrene	90		115		40-140	24		50
Benzo(b)fluoranthene	93		120		40-140	25		50
Benzo(k)fluoranthene	90		115		40-140	24		50
Chrysene	89		113		40-140	24		50
Acenaphthylene	84		110		40-140	27		50
Anthracene	90		118		40-140	27		50
Benzo(ghi)perylene	90		114		40-140	24		50
Fluorene	87		112		40-140	25		50
Phenanthrene	88		115		40-140	27		50
Dibenzo(a,h)anthracene	87		110		40-140	23		50
Indeno(1,2,3-cd)pyrene	88		112		40-140	24		50
Pyrene	92		119		35-142	26		50
Biphenyl	86		113		37-127	27		50
4-Chloroaniline	82		108		40-140	27		50
2-Nitroaniline	85		110		47-134	26		50
3-Nitroaniline	74		92		26-129	22		50
4-Nitroaniline	89		111		41-125	22		50
Dibenzofuran	86		112		40-140	26		50
2-Methylnaphthalene	82		108		40-140	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

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: WG1278056-2 WG1278056-3								
1,2,4,5-Tetrachlorobenzene	81		107		40-117	28		50
Acetophenone	85		112		14-144	27		50
2,4,6-Trichlorophenol	84		110		30-130	27		50
p-Chloro-m-cresol	93		**122**	Q	26-103	27		50
2-Chlorophenol	82		**108**	Q	25-102	27		50
2,4-Dichlorophenol	85		110		30-130	26		50
2,4-Dimethylphenol	92		121		30-130	27		50
2-Nitrophenol	80		107		30-130	29		50
4-Nitrophenol	111		**143**	Q	11-114	25		50
2,4-Dinitrophenol	71		95		4-130	29		50
4,6-Dinitro-o-cresol	84		106		10-130	23		50
Pentachlorophenol	79		100		17-109	23		50
Phenol	80		**105**	Q	26-90	27		50
2-Methylphenol	87		116		30-130.	29		50
3-Methylphenol/4-Methylphenol	84		112		30-130	29		50
2,4,5-Trichlorophenol	87		113		30-130	26		50
Carbazole	90		118		54-128	27		50
Atrazine	83		101		40-140	20		50
Benzaldehyde	75		101		40-140	30		50
Caprolactam	111		**141**	Q	15-130	24		50
2,3,4,6-Tetrachlorophenol	93		117		40-140	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938984

Report Date: 08/30/19

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: WG1278056-2 WG1278056-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		96		25-120
Phenol-d6	81		101		10-120
Nitrobenzene-d5	64		80		23-120
2-Fluorobiphenyl	61		74		30-120
2,4,6-Tribromophenol	85		100		10-136
4-Terphenyl-d14	64		76		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1278654-2 WG1278654-3								
Hexachlorobenzene	92		91		40-140	1		30
2,4-Dinitrotoluene	84		82		40-132	2		30
Hexachlorobutadiene	75		74		28-111	1		30
Hexachloroethane	54		58		21-105	7		30
Nitrobenzene	66		67		40-140	2		30
2,4,6-Trichlorophenol	97		86		30-130	12		30
Pentachlorophenol	82		82		9-103	0		30
2-Methylphenol	67		79		30-130	16		30
3-Methylphenol/4-Methylphenol	76		82		30-130	8		30
2,4,5-Trichlorophenol	96		90		30-130	6		30
Pyridine	23		46		10-66	**67**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		72		21-120
Phenol-d6	69		70		10-120
Nitrobenzene-d5	53		57		23-120
2-Fluorobiphenyl	68		69		15-120
2,4,6-Tribromophenol	104		104		10-120
4-Terphenyl-d14	73		74		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938984
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01
Client ID: SP11-190827-1330
Sample Location: ROME, NY
Sample Depth:
Matrix: Soil
Percent Solids: 81%

Date Collected: 08/27/19 13:30
Date Received: 08/27/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 08/29/19 05:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/30/19 10:27	08/30/19 11:51	EPA 3015	1,6010D	LC
Barium, TCLP	0.325	J	mg/l	0.500	0.021	1	08/30/19 10:27	08/30/19 11:51	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	08/30/19 10:27	08/30/19 11:51	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	08/30/19 10:27	08/30/19 11:51	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	08/30/19 10:27	08/30/19 11:51	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/30/19 11:52	08/30/19 15:01	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	08/30/19 10:27	08/30/19 11:51	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	08/30/19 10:27	08/30/19 11:51	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938984
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01
Client ID: SP11-190827-1330
Sample Location: ROME, NY
Date Collected: 08/27/19 13:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	1.75	J	mg/kg	4.84	0.368	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Arsenic, Total	11.3		mg/kg	0.968	0.201	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Barium, Total	20.7		mg/kg	0.968	0.168	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Beryllium, Total	0.164	J	mg/kg	0.484	0.032	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Cadmium, Total	0.677	J	mg/kg	0.968	0.095	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Chromium, Total	4.87		mg/kg	0.968	0.093	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Copper, Total	14.7		mg/kg	0.968	0.250	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Lead, Total	15.8		mg/kg	4.84	0.259	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Mercury, Total	0.086		mg/kg	0.078	0.051	1	08/30/19 04:20	08/30/19 11:29	EPA 7471B	1,7471B	GD
Nickel, Total	7.00		mg/kg	2.42	0.234	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Selenium, Total	0.435	J	mg/kg	1.94	0.250	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.968	0.274	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.94	0.305	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Vanadium, Total	9.09		mg/kg	0.968	0.196	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC
Zinc, Total	79.6		mg/kg	4.84	0.284	2	08/29/19 19:21	08/30/19 01:30	EPA 3050B	1,6010D	MC

Project Name: LOT 3A IRM **Lab Number:** L1938984

Project Number: 127887-007 **Report Date:** 08/30/19

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: WG1278441-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Chromium, Total	0.072	J	mg/kg	0.400	0.038	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Copper, Total	ND		mg/kg	0.400	0.103	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Thallium, Total	ND		mg/kg	0.800	0.126	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/29/19 19:21	08/30/19 00:43	1,6010D	MC

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 Batch: WG1278564-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/30/19 04:20	08/30/19 10:59	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1278716-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	08/30/19 10:27	08/30/19 14:45	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	08/30/19 10:27	08/30/19 14:45	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1938984

Project Number: 127887-007 **Report Date:** 08/30/19

Method Blank Analysis
Batch Quality Control

Cadmium, TCLP	ND	mg/l	0.100	0.010	1	08/30/19 10:27	08/30/19 14:45	1,6010D	LC
Chromium, TCLP	ND	mg/l	0.200	0.021	1	08/30/19 10:27	08/30/19 14:45	1,6010D	LC
Lead, TCLP	ND	mg/l	0.500	0.027	1	08/30/19 10:27	08/30/19 14:45	1,6010D	LC
Selenium, TCLP	ND	mg/l	0.500	0.035	1	08/30/19 10:27	08/30/19 14:45	1,6010D	LC
Silver, TCLP	ND	mg/l	0.100	0.028	1	08/30/19 10:27	08/30/19 14:45	1,6010D	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 08/29/19 05:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1278798-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/30/19 11:52	08/30/19 14:57	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 08/29/19 05:47

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278441-2 SRM Lot Number: D105-540								
Antimony, Total	161		-		19-249	-		
Arsenic, Total	99		-		70-130	-		
Barium, Total	92		-		75-125	-		
Beryllium, Total	102		-		75-125	-		
Cadmium, Total	105		-		75-125	-		
Chromium, Total	90		-		70-130	-		
Copper, Total	97		-		75-125	-		
Lead, Total	90		-		71-128	-		
Nickel, Total	92		-		70-131	-		
Selenium, Total	96		-		63-137	-		
Silver, Total	91		-		69-131	-		
Thallium, Total	100		-		68-132	-		
Vanadium, Total	91		-		65-135	-		
Zinc, Total	92		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278564-2 SRM Lot Number: D105-540								
Mercury, Total	91		-		60-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1278716-2					
Arsenic, TCLP	108	-	75-125	-	20
Barium, TCLP	97	-	75-125	-	20
Cadmium, TCLP	103	-	75-125	-	20
Chromium, TCLP	98	-	75-125	-	20
Lead, TCLP	97	-	75-125	-	20
Selenium, TCLP	105	-	75-125	-	20
Silver, TCLP	95	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1278798-2					
Mercury, TCLP	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

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 QC Batch ID: WG1278441-3 QC Sample: L1938794-01 Client ID: MS Sample												
Antimony, Total	0.619J	42.9	41.6	97		-	-		75-125	-		20
Arsenic, Total	12.0	10.3	23.1	108		-	-		75-125	-		20
Barium, Total	9.05	172	181	100		-	-		75-125	-		20
Beryllium, Total	0.148J	4.29	4.66	108		-	-		75-125	-		20
Cadmium, Total	0.854J	4.38	5.41	124		-	-		75-125	-		20
Chromium, Total	9.12	17.2	26.9	104		-	-		75-125	-		20
Copper, Total	7.14	21.5	27.2	93		-	-		75-125	-		20
Lead, Total	17.9	43.8	61.6	100		-	-		75-125	-		20
Nickel, Total	1.56J	42.9	42.4	99		-	-		75-125	-		20
Selenium, Total	0.444J	10.3	10.3	100		-	-		75-125	-		20
Silver, Total	ND	25.8	24.9	97		-	-		75-125	-		20
Thallium, Total	ND	10.3	9.67	94		-	-		75-125	-		20
Vanadium, Total	29.1	42.9	73.4	103		-	-		75-125	-		20
Zinc, Total	12.6	42.9	57.5	105		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278564-3 QC Sample: L1936671-01 Client ID: MS Sample												
Mercury, Total	ND	0.135	0.146	108		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278716-3 QC Sample: L1938884-01 Client ID: MS Sample									
Arsenic, TCLP	ND	1.2	1.28	107	-	-	75-125	-	20
Barium, TCLP	0.138J	20	18.9	94	-	-	75-125	-	20
Cadmium, TCLP	0.034J	0.51	0.539	106	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.91	96	-	-	75-125	-	20
Lead, TCLP	36.4	5.1	41.6	102	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.28	107	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.462	92	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278798-3 QC Sample: L1938984-01 Client ID: SP11-190827-1330									
Mercury, TCLP	ND	0.025	0.0252	101	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278441-4 QC Sample: L1938794-01 Client ID: DUP Sample						
Antimony, Total	0.619J	0.953J	mg/kg	NC		20
Arsenic, Total	12.0	13.9	mg/kg	15		20
Barium, Total	9.05	9.19	mg/kg	2		20
Beryllium, Total	0.148J	0.154J	mg/kg	NC		20
Cadmium, Total	0.854J	0.987	mg/kg	NC		20
Chromium, Total	9.12	9.98	mg/kg	9		20
Copper, Total	7.14	7.08	mg/kg	1		20
Lead, Total	17.9	20.2	mg/kg	12		20
Nickel, Total	1.56J	1.39J	mg/kg	NC		20
Selenium, Total	0.444J	0.343J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	29.1	31.0	mg/kg	6		20
Zinc, Total	12.6	13.6	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278564-4 QC Sample: L1936671-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278716-4 QC Sample: L1938884-01 Client ID: DUP Sample						
Lead, TCLP	36.4	38.5	mg/l	6		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938984

Report Date: 08/30/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278798-4 QC Sample: L1938984-01 Client ID: SP11-190827-1330					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938984-01
Client ID: SP11-190827-1330
Sample Location: ROME, NY

Date Collected: 08/27/19 13:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	08/28/19 11:34	121,2540G	RI
pH (H)	7.7		SU	-	NA	1	-	08/28/19 07:17	1,9045D	MR

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938984

Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1277607-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938984

Report Date: 08/30/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1277607-2 QC Sample: L1938753-01 Client ID: DUP Sample						
pH	7.5	7.5	SU	0		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1277705-1 QC Sample: L1938936-01 Client ID: DUP Sample						
Solids, Total	86.1	88.8	%	3		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938984
Report Date: 08/30/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1938984-01A	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1938984-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),PH-9045(1)
L1938984-01C	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		TCLP-EXT-ZHE(14)
L1938984-01D	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),PH-9045(1)
L1938984-01W	Amber 1000ml unpreserved Extracts	A	NA		4.0	Y	Absent		TCLP-8270(14)
L1938984-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		4.0	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1938984-01X9	Tumble Vessel	A	NA		4.0	Y	Absent		-
L1938984-01Y	Vial unpreserved Extracts	A	NA		4.0	Y	Absent		TCLP-VOA(14)
L1938984-01Z	Vial unpreserved Extracts	A	NA		4.0	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1938984
Project Number:	127887-007	**Report Date:**	08/30/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938984
Project Number:	127887-007	**Report Date:**	08/30/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938984
Project Number:	127887-007	**Report Date:**	08/30/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/28/19

ALPHA Job #: L1938984

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals	Corrosivity (pH)			Sample Specific Comments	Total Bottles
38984 -01	SP11-190827-1330	8/27/2019	13:30	SO	PAF	N/A	X	X	X	X	X	X				4
Container Type							A	A	A	A	A	A				
Preservative							A	A	A	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[signature] FACL	8/27/19 16:40	[signature]	8/27/19 16:40
		[signature]	8/28/19 [illegible]

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

September 6, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Lab Sample ID: L1938984-01 and L1939218-01) submitted with your September 4, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP-11 (Lab Sample ID: L1938984-01), approximately 270 cubic yards, and SP-12 (Lab Sample ID: L1939218-01) approximately 270 cubic yards, of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, do not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

4 September 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190904-0002

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 270 cubic yard pile (representative of approximately 450 tons) of soil and/or concrete was generated for disposal and designated as SP-12. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP12-190828-0930 (Laboratory Sample ID: L1939218-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-12\2019_0904_SP-12_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1939218
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	09/03/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1939218-01	SP12-190828-0930	SOIL	ROME, NY	08/28/19 09:30	08/28/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1939218
Project Number:	127887-007	**Report Date:**	09/03/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1939218
Project Number:	127887-007	**Report Date:**	09/03/19

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.

TCLP Volatiles

The WG1279626-3/-4 LCS/LCSD recoveries, associated with L1939218-01 (SP12-190828-0930), are above the individual acceptance criteria for 2-butanone (160%/160%) but within the overall method allowances. The results of the associated samples are reported.

Semivolatile Organics

L1939218-01 (SP12-190828-0930): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compounds that exceeded the calibration range.

The WG1278056-3 LCSD recoveries, associated with L1939218-01 (SP12-190828-0930), are above the individual acceptance criteria for p-chloro-m-cresol (122%), 2-chlorophenol (108%), 4-nitrophenol (143%), phenol (105%), and caprolactam (141%), but within the overall method allowances. The results of the associated samples are reported.

TCLP Semivolatiles

The WG1279147-3 LCSD recovery, associated with L1939218-01 (SP12-190828-0930), is below the acceptance criteria for pyridine (8%); however, it has been identified as a "difficult" analyte. The results of the associated sample is reported.

The WG1279147-2/-3 LCS/LCSD RPD, associated with L1939218-01 (SP12-190828-0930), is above the acceptance criteria for pyridine (141%).

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 Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/03/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1939218
Report Date: 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01
Client ID: SP12-190828-0930
Sample Location: ROME, NY

Date Collected: 08/28/19 09:30
Date Received: 08/28/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/03/19 11:23
Analyst: PK
Percent Solids: 83%
TCLP/SPLP Ext. Date: 08/29/19 14:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	88		70-130
dibromofluoromethane	117		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/03/19 10:59
Analyst: PK
TCLP/SPLP Extraction Date: 08/29/19 14:55

Extraction Date: 08/29/19 14:55

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1279626-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	87		70-130
dibromofluoromethane	118		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1279626-3 WG1279626-4								
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	97		94		70-130	3		20
Chlorobenzene	93		91		75-130	2		25
1,2-Dichloroethane	120		120		70-130	0		20
Benzene	120		110		70-130	9		25
Vinyl chloride	110		96		55-140	14		20
1,1-Dichloroethene	120		110		61-145	9		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	82		82		70-130	0		20
2-Butanone	**160**	Q	**160**	Q	63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	87		86		70-130
dibromofluoromethane	115		110		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01
Client ID: SP12-190828-0930
Sample Location: ROME, NY

Date Collected: 08/28/19 09:30
Date Received: 08/28/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/02/19 12:49
Analyst: IM
Percent Solids: 83%
TCLP/SPLP Ext. Date: 08/29/19 17:00

Extraction Method: EPA 3510C
Extraction Date: 08/31/19 15:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	80		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1939218
Report Date: 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01
Client ID: SP12-190828-0930
Sample Location: ROME, NY

Date Collected: 08/28/19 09:30
Date Received: 08/28/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/02/19 02:31
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/29/19 18:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	9400	E	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	16000	E	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	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	7700		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	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	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	4400		ug/kg	120	22.	1
Benzo(a)pyrene	2400		ug/kg	160	48.	1

Project Name: LOT 3A IRM **Lab Number:** L1939218

Project Number: 127887-007 **Report Date:** 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01 Date Collected: 08/28/19 09:30

Client ID: SP12-190828-0930 Date Received: 08/28/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	3500		ug/kg	120	33.	1
Benzo(k)fluoranthene	1100		ug/kg	120	32.	1
Chrysene	3800		ug/kg	120	20.	1
Acenaphthylene	1600		ug/kg	160	30.	1
Anthracene	11000	E	ug/kg	120	38.	1
Benzo(ghi)perylene	900		ug/kg	160	23.	1
Fluorene	11000	E	ug/kg	200	19.	1
Phenanthrene	24000	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	290		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	160	28.	1
Pyrene	11000	E	ug/kg	120	20.	1
Biphenyl	1400		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	8400	E	ug/kg	200	19.	1
2-Methylnaphthalene	7200		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	29.	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	510	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	36	J	ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	73	J	ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	2500		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1939218
Report Date: 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01
Client ID: SP12-190828-0930
Sample Location: ROME, NY
Date Collected: 08/28/19 09:30
Date Received: 08/28/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	55		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01 D
Client ID: SP12-190828-0930
Sample Location: ROME, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/03/19 13:55
Analyst: JG
Percent Solids: 83%

Date Collected: 08/28/19 09:30
Date Received: 08/28/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 08/29/19 18:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	9700		ug/kg	1600	200	10
Fluoranthene	17000		ug/kg	1200	230	10
Anthracene	12000		ug/kg	1200	380	10
Fluorene	12000		ug/kg	2000	190	10
Phenanthrene	30000		ug/kg	1200	240	10
Pyrene	12000		ug/kg	1200	200	10
Dibenzofuran	9000		ug/kg	2000	190	10

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 12:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/29/19 03:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278056-1					
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	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	24	J	ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
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	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 12:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/29/19 03:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278056-1					
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	24	J	ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 12:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/29/19 03:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278056-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	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	86		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	74		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/02/19 11:37
Analyst: IM
TCLP/SPLP Extraction Date: 08/29/19 05:47

Extraction Method: EPA 3510C
Extraction Date: 08/31/19 15:27

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1279147-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	81		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

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: WG1278056-2 WG1278056-3								
Acenaphthene	85		113		31-137	28		50
Hexachlorobenzene	87		112		40-140	25		50
Bis(2-chloroethyl)ether	83		110		40-140	28		50
2-Chloronaphthalene	83		108		40-140	26		50
3,3'-Dichlorobenzidine	67		83		40-140	21		50
2,4-Dinitrotoluene	89		115		40-132	25		50
2,6-Dinitrotoluene	86		111		40-140	25		50
Fluoranthene	92		120		40-140	26		50
4-Chlorophenyl phenyl ether	84		107		40-140	24		50
4-Bromophenyl phenyl ether	86		109		40-140	24		50
Bis(2-chloroisopropyl)ether	97		131		40-140	30		50
Bis(2-chloroethoxy)methane	83		109		40-117	27		50
Hexachlorobutadiene	77		104		40-140	30		50
Hexachlorocyclopentadiene	58		80		40-140	32		50
Hexachloroethane	79		107		40-140	30		50
Isophorone	86		112		40-140	26		50
Naphthalene	82		110		40-140	29		50
Nitrobenzene	85		112		40-140	27		50
NDPA/DPA	88		112		36-157	24		50
n-Nitrosodi-n-propylamine	85		115		32-121	30		50
Bis(2-ethylhexyl)phthalate	88		111		40-140	23		50
Butyl benzyl phthalate	93		120		40-140	25		50
Di-n-butylphthalate	91		117		40-140	25		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

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: WG1278056-2 WG1278056-3								
Di-n-octylphthalate	89		114		40-140	25		50
Diethyl phthalate	90		114		40-140	24		50
Dimethyl phthalate	84		109		40-140	26		50
Benzo(a)anthracene	87		111		40-140	24		50
Benzo(a)pyrene	90		115		40-140	24		50
Benzo(b)fluoranthene	93		120		40-140	25		50
Benzo(k)fluoranthene	90		115		40-140	24		50
Chrysene	89		113		40-140	24		50
Acenaphthylene	84		110		40-140	27		50
Anthracene	90		118		40-140	27		50
Benzo(ghi)perylene	90		114		40-140	24		50
Fluorene	87		112		40-140	25		50
Phenanthrene	88		115		40-140	27		50
Dibenzo(a,h)anthracene	87		110		40-140	23		50
Indeno(1,2,3-cd)pyrene	88		112		40-140	24		50
Pyrene	92		119		35-142	26		50
Biphenyl	86		113		37-127	27		50
4-Chloroaniline	82		108		40-140	27		50
2-Nitroaniline	85		110		47-134	26		50
3-Nitroaniline	74		92		26-129	22		50
4-Nitroaniline	89		111		41-125	22		50
Dibenzofuran	86		112		40-140	26		50
2-Methylnaphthalene	82		108		40-140	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

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: WG1278056-2 WG1278056-3								
1,2,4,5-Tetrachlorobenzene	81		107		40-117	28		50
Acetophenone	85		112		14-144	27		50
2,4,6-Trichlorophenol	84		110		30-130	27		50
p-Chloro-m-cresol	93		**122**	Q	26-103	27		50
2-Chlorophenol	82		**108**	Q	25-102	27		50
2,4-Dichlorophenol	85		110		30-130	26		50
2,4-Dimethylphenol	92		121		30-130	27		50
2-Nitrophenol	80		107		30-130	29		50
4-Nitrophenol	111		**143**	Q	11-114	25		50
2,4-Dinitrophenol	71		95		4-130	29		50
4,6-Dinitro-o-cresol	84		106		10-130	23		50
Pentachlorophenol	79		100		17-109	23		50
Phenol	80		**105**	Q	26-90	27		50
2-Methylphenol	87		116		30-130.	29		50
3-Methylphenol/4-Methylphenol	84		112		30-130	29		50
2,4,5-Trichlorophenol	87		113		30-130	26		50
Carbazole	90		118		54-128	27		50
Atrazine	83		101		40-140	20		50
Benzaldehyde	75		101		40-140	30		50
Caprolactam	111		**141**	Q	15-130	24		50
2,3,4,6-Tetrachlorophenol	93		117		40-140	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1939218

Report Date: 09/03/19

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: WG1278056-2 WG1278056-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		96		25-120
Phenol-d6	81		101		10-120
Nitrobenzene-d5	64		80		23-120
2-Fluorobiphenyl	61		74		30-120
2,4,6-Tribromophenol	85		100		10-136
4-Terphenyl-d14	64		76		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1279147-2 WG1279147-3								
Hexachlorobenzene	71		72		40-140	1		30
2,4-Dinitrotoluene	104		102		40-132	2		30
Hexachlorobutadiene	73		70		28-111	4		30
Hexachloroethane	63		65		21-105	3		30
Nitrobenzene	80		83		40-140	4		30
2,4,6-Trichlorophenol	86		86		30-130	0		30
Pentachlorophenol	97		98		9-103	1		30
2-Methylphenol	72		75		30-130	4		30
3-Methylphenol/4-Methylphenol	76		77		30-130	1		30
2,4,5-Trichlorophenol	88		88		30-130	0		30
Pyridine	44		**8**	Q	10-66	**141**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		72		21-120
Phenol-d6	71		69		10-120
Nitrobenzene-d5	83		81		23-120
2-Fluorobiphenyl	76		76		15-120
2,4,6-Tribromophenol	84		82		10-120
4-Terphenyl-d14	75		79		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1939218
Report Date: 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01
Client ID: SP12-190828-0930
Sample Location: ROME, NY

Date Collected: 08/28/19 09:30
Date Received: 08/28/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

TCLP/SPLP Ext. Date: 08/29/19 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.026	J	mg/l	1.00	0.019	1	09/03/19 07:39	09/03/19 11:35	EPA 3015	1,6010D	LC
Barium, TCLP	0.358	J	mg/l	0.500	0.021	1	09/03/19 07:39	09/03/19 11:35	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 07:39	09/03/19 11:35	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/03/19 07:39	09/03/19 11:35	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 07:39	09/03/19 11:35	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/01/19 14:37	09/01/19 19:12	EPA 7470A	1,7470A	AL
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/03/19 07:39	09/03/19 11:35	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 07:39	09/03/19 11:35	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1939218
Report Date: 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01
Client ID: SP12-190828-0930
Sample Location: ROME, NY

Date Collected: 08/28/19 09:30
Date Received: 08/28/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.609	J	mg/kg	2.29	0.174	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Arsenic, Total	4.56		mg/kg	0.458	0.095	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Barium, Total	18.3		mg/kg	0.458	0.080	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Beryllium, Total	0.133	J	mg/kg	0.229	0.015	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Cadmium, Total	0.467		mg/kg	0.458	0.045	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Chromium, Total	3.48		mg/kg	0.458	0.044	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Copper, Total	8.50		mg/kg	0.458	0.118	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Lead, Total	10.4		mg/kg	2.29	0.123	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.076	0.049	1	08/30/19 10:20	08/31/19 17:17	EPA 7471B	1,7471B	AL
Nickel, Total	5.49		mg/kg	1.14	0.111	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Selenium, Total	0.183	J	mg/kg	0.916	0.118	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.458	0.130	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.916	0.144	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Vanadium, Total	6.34		mg/kg	0.458	0.093	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC
Zinc, Total	91.2		mg/kg	2.29	0.134	1	08/29/19 22:50	08/30/19 23:17	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1939218

Project Number: 127887-007 **Report Date:** 09/03/19

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: WG1278464-1										
Antimony, Total	0.184	J	mg/kg	2.00	0.152	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Chromium, Total	0.048	J	mg/kg	0.400	0.038	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/29/19 22:50	08/30/19 22:45	1,6010D	LC

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 Batch: WG1278734-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/30/19 10:20	08/31/19 15:40	1,7471B	AL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1279257-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/01/19 14:37	09/01/19 19:09	1,7470A	AL

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 08/30/19 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1279478-1										
Arsenic, TCLP	0.025	J	mg/l	1.00	0.019	1	09/03/19 07:39	09/03/19 11:03	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	09/03/19 07:39	09/03/19 11:03	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 07:39	09/03/19 11:03	1,6010D	LC
Chromium, TCLP	0.117	J	mg/l	0.200	0.021	1	09/03/19 07:39	09/03/19 11:03	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 07:39	09/03/19 11:03	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/03/19 07:39	09/03/19 11:03	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 07:39	09/03/19 11:03	1,6010D	LC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 08/30/19 00:39

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278464-2 SRM Lot Number: D105-540								
Antimony, Total	135		-		19-249	-		
Arsenic, Total	96		-		70-130	-		
Barium, Total	85		-		75-125	-		
Beryllium, Total	90		-		75-125	-		
Cadmium, Total	88		-		75-125	-		
Chromium, Total	86		-		70-130	-		
Copper, Total	89		-		75-125	-		
Lead, Total	87		-		71-128	-		
Nickel, Total	86		-		70-131	-		
Selenium, Total	92		-		63-137	-		
Silver, Total	89		-		69-131	-		
Thallium, Total	87		-		68-132	-		
Vanadium, Total	86		-		65-135	-		
Zinc, Total	89		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278734-2 SRM Lot Number: D105-540								
Mercury, Total	99		-		60-141	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1279257-2								
Mercury, TCLP	84		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1279478-2					
Arsenic, TCLP	115	-	75-125	-	20
Barium, TCLP	104	-	75-125	-	20
Cadmium, TCLP	104	-	75-125	-	20
Chromium, TCLP	102	-	75-125	-	20
Lead, TCLP	100	-	75-125	-	20
Selenium, TCLP	115	-	75-125	-	20
Silver, TCLP	103	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

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 QC Batch ID: WG1278464-3 QC Sample: L1938685-01 Client ID: MS Sample												
Antimony, Total	ND	41.9	38.9	93		-	-		75-125	-		20
Arsenic, Total	2.32	10	13.9	115		-	-		75-125	-		20
Barium, Total	12.7	167	164	90		-	-		75-125	-		20
Beryllium, Total	0.076J	4.19	3.61	86		-	-		75-125	-		20
Cadmium, Total	0.432J	4.27	4.24	99		-	-		75-125	-		20
Chromium, Total	8.74	16.7	22.6	83		-	-		75-125	-		20
Copper, Total	16.3	20.9	51.1	**166**	Q	-	-		75-125	-		20
Lead, Total	65.9	42.7	123	**134**	Q	-	-		75-125	-		20
Nickel, Total	6.90	41.9	40.9	81		-	-		75-125	-		20
Selenium, Total	ND	10	10.3	102		-	-		75-125	-		20
Silver, Total	ND	25.1	26.0	103		-	-		75-125	-		20
Thallium, Total	ND	10	6.66	**66**	Q	-	-		75-125	-		20
Vanadium, Total	19.9	41.9	60.8	98		-	-		75-125	-		20
Zinc, Total	20.9	41.9	62.2	99		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278734-3 QC Sample: L1938648-02 Client ID: MS Sample												
Mercury, Total	ND	0.134	0.144	108		-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1279257-3 QC Sample: L1939218-01 Client ID: SP12-190828-0930												
Mercury, TCLP	ND	0.025	0.0238	95		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1279478-3 QC Sample: L1938783-01 Client ID: MS Sample									
Arsenic, TCLP	ND	1.2	1.35	112	-	-	75-125	-	20
Barium, TCLP	0.807	20	21.1	101	-	-	75-125	-	20
Cadmium, TCLP	0.011J	0.51	0.522	102	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.00	100	-	-	75-125	-	20
Lead, TCLP	3.75	5.1	8.58	95	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.32	110	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.503	101	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278464-4 QC Sample: L1938685-01 Client ID: DUP Sample						
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.32	2.06	mg/kg	12		20
Barium, Total	12.7	13.4	mg/kg	5		20
Beryllium, Total	0.076J	0.060J	mg/kg	NC		20
Cadmium, Total	0.432J	0.426J	mg/kg	NC		20
Chromium, Total	8.74	7.75	mg/kg	12		20
Copper, Total	16.3	18.2	mg/kg	11		20
Lead, Total	65.9	68.7	mg/kg	4		20
Nickel, Total	6.90	6.55	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	19.9	24.0	mg/kg	19		20
Zinc, Total	20.9	19.9	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278734-4 QC Sample: L1938648-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1279257-4 QC Sample: L1939218-01 Client ID: SP12-190828-0930						
Mercury, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1939218

Report Date: 09/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1279478-4 QC Sample: L1938783-01 Client ID: DUP Sample					
Lead, TCLP	3.75	3.72	mg/l	1	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

SAMPLE RESULTS

Lab ID: L1939218-01
Client ID: SP12-190828-0930
Sample Location: ROME, NY

Date Collected: 08/28/19 09:30
Date Received: 08/28/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	08/29/19 09:40	121,2540G	RI
pH (H)	7.4		SU	-	NA	1	-	08/29/19 07:40	1,9045D	MA

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1939218

Report Date: 09/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1278135-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1939218

Report Date: 09/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1278135-2 QC Sample: L1939029-01 Client ID: DUP Sample						
pH	7.6	7.7	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1278164-1 QC Sample: L1939182-04 Client ID: DUP Sample						
Solids, Total	88.1	87.9	%	0		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939218
Report Date: 09/03/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1939218-01A	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		TCLP-EXT-ZHE(14)
L1939218-01B	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L1939218-01C	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1939218-01D	Glass 500ml/16oz unpreserved	A	NA		5.2	Y	Absent		NYTCL-8270(14),PH-9045(1)
L1939218-01W	Amber 1000ml unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-8270(14)
L1939218-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		5.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1939218-01X9	Tumble Vessel	A	NA		5.2	Y	Absent		-
L1939218-01Y	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L1939218-01Z	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1939218
Project Number:	127887-007	**Report Date:**	09/03/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1939218
Project Number:	127887-007	**Report Date:**	09/03/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1939218
Project Number:	127887-007	**Report Date:**	09/03/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/29/19

ALPHA Job #: L1939218

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals	Corrosivity (pH)			Sample Specific Comments	Total Bottles
39218-01	SP12-190828-0930	8/28/2019	9:30	SO	PAF	N/A	X	X	X	X	X	X				4
Container Type							A	A	A	A	A	A				
Preservative							A	A	A	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[signature]	8/28/19 1710	[signature]	8/28/19 1710
[signature]	8/28/19 1710	[signature]	8/29/19 0:16

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

September 11, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1940276-01) submitted with your September 10, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile SP-13 (Sample ID: L1940276-01), approximately 155 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

10 September 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190910-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 155 cubic yard pile (representative of approximately 260 tons) of soil and/or concrete was generated for disposal and designated as SP-13. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP13A-190904-1330 (Laboratory Sample ID: L1940276-01)

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

\\haleyaldrich.com\share\roc_common\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-13\2019_0910_SP-13_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1940276
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	09/09/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1940276-01	SP13A-190904-1330	SOIL	ROME, NY	09/04/19 13:30	09/04/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1940276
Project Number:	127887-007	**Report Date:**	09/09/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1940276
Project Number:	127887-007	**Report Date:**	09/09/19

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

L1940276-01 (SP13A-190904-1330): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

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: 09/09/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1940276
Report Date: 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01
Client ID: SP13A-190904-1330
Sample Location: ROME, NY

Date Collected: 09/04/19 13:30
Date Received: 09/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/06/19 11:59
Analyst: MKS
Percent Solids: 83%
TCLP/SPLP Ext. Date: 09/05/19 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	105		70-130
dibromofluoromethane	104		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/06/19 11:29
Analyst: MKS
TCLP/SPLP Extraction Date: 09/05/19 16:11

Extraction Date: 09/05/19 16:11

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1281479-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1281479-3 WG1281479-4								
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	100		93		63-132	7		20
Tetrachloroethene	96		92		70-130	4		20
Chlorobenzene	97		92		75-130	5		25
1,2-Dichloroethane	110		100		70-130	10		20
Benzene	120		110		70-130	9		25
Vinyl chloride	110		100		55-140	10		20
1,1-Dichloroethene	110		100		61-145	10		25
Trichloroethene	110		100		70-130	10		25
1,4-Dichlorobenzene	94		86		70-130	9		20
2-Butanone	110		100		63-138	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	94		97		70-130
4-Bromofluorobenzene	103		106		70-130
dibromofluoromethane	101		102		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1940276
Report Date: 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01
Client ID: SP13A-190904-1330
Sample Location: ROME, NY

Date Collected: 09/04/19 13:30
Date Received: 09/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/08/19 17:20
Analyst: RC
Percent Solids: 83%
TCLP/SPLP Ext. Date: 09/05/19 15:49

Extraction Method: EPA 3510C
Extraction Date: 09/07/19 14:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	79		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1940276
Report Date: 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01
Client ID: SP13A-190904-1330
Sample Location: ROME, NY

Date Collected: 09/04/19 13:30
Date Received: 09/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/19 02:31
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/05/19 05:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	16000	E	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	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	22000	E	ug/kg	120	22.	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	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	38000	E	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	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	6800		ug/kg	120	22.	1
Benzo(a)pyrene	3000		ug/kg	160	48.	1

Project Name: LOT 3A IRM **Lab Number:** L1940276

Project Number: 127887-007 **Report Date:** 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01 Date Collected: 09/04/19 13:30

Client ID: SP13A-190904-1330 Date Received: 09/04/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	4600		ug/kg	120	33.	1
Benzo(k)fluoranthene	1100		ug/kg	120	31.	1
Chrysene	5300		ug/kg	120	20.	1
Acenaphthylene	2200		ug/kg	160	30.	1
Anthracene	9700	E	ug/kg	120	38.	1
Benzo(ghi)perylene	1200		ug/kg	160	23.	1
Fluorene	17000	E	ug/kg	200	19.	1
Phenanthrene	36000	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	340		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	160	27.	1
Pyrene	16000	E	ug/kg	120	20.	1
Biphenyl	4400		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	81.	1
Dibenzofuran	14000	E	ug/kg	200	19.	1
2-Methylnaphthalene	16000	E	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	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	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	43	J	ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	98	J	ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	5400		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: LOT 3A IRM **Lab Number:** L1940276

Project Number: 127887-007 **Report Date:** 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01 Date Collected: 09/04/19 13:30

Client ID: SP13A-190904-1330 Date Received: 09/04/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	47		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	47		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01 D
Client ID: SP13A-190904-1330
Sample Location: ROME, NY

Date Collected: 09/04/19 13:30
Date Received: 09/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/09/19 16:42
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/05/19 05:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	17000		ug/kg	1600	200	10
Fluoranthene	22000		ug/kg	1200	220	10
Naphthalene	56000		ug/kg	2000	240	10
Anthracene	8100		ug/kg	1200	380	10
Fluorene	16000		ug/kg	2000	190	10
Phenanthrene	50000		ug/kg	1200	240	10
Pyrene	14000		ug/kg	1200	200	10
Dibenzofuran	14000		ug/kg	2000	190	10
2-Methylnaphthalene	16000		ug/kg	2400	240	10

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/05/19 13:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/05/19 05:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1280431-1					
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	26.
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	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/05/19 13:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/05/19 05:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1280431-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
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	25.
2-Chlorophenol	ND		ug/kg	160	20.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/05/19 13:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/05/19 05:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1280431-1					
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	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	70		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/08/19 16:12
Analyst: RC
TCLP/SPLP Extraction Date: 09/04/19 17:04

Extraction Method: EPA 3510C
Extraction Date: 09/07/19 14:46

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1281538-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	83		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

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: WG1280431-2 WG1280431-3								
Acenaphthene	79		83		31-137	5		50
Hexachlorobenzene	78		80		40-140	3		50
Bis(2-chloroethyl)ether	76		77		40-140	1		50
2-Chloronaphthalene	90		90		40-140	0		50
3,3'-Dichlorobenzidine	61		61		40-140	0		50
2,4-Dinitrotoluene	104		111		40-132	7		50
2,6-Dinitrotoluene	109		112		40-140	3		50
Fluoranthene	90		93		40-140	3		50
4-Chlorophenyl phenyl ether	85		91		40-140	7		50
4-Bromophenyl phenyl ether	81		85		40-140	5		50
Bis(2-chloroisopropyl)ether	63		65		40-140	3		50
Bis(2-chloroethoxy)methane	82		83		40-117	1		50
Hexachlorobutadiene	87		79		40-140	10		50
Hexachlorocyclopentadiene	89		90		40-140	1		50
Hexachloroethane	82		81		40-140	1		50
Isophorone	88		91		40-140	3		50
Naphthalene	84		84		40-140	0		50
Nitrobenzene	96		99		40-140	3		50
NDPA/DPA	86		91		36-157	6		50
n-Nitrosodi-n-propylamine	95		88		32-121	8		50
Bis(2-ethylhexyl)phthalate	90		96		40-140	6		50
Butyl benzyl phthalate	99		106		40-140	7		50
Di-n-butylphthalate	86		92		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

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: WG1280431-2 WG1280431-3								
Di-n-octylphthalate	94		98		40-140	4		50
Diethyl phthalate	87		95		40-140	9		50
Dimethyl phthalate	92		98		40-140	6		50
Benzo(a)anthracene	87		88		40-140	1		50
Benzo(a)pyrene	95		91		40-140	4		50
Benzo(b)fluoranthene	102		98		40-140	4		50
Benzo(k)fluoranthene	91		88		40-140	3		50
Chrysene	85		85		40-140	0		50
Acenaphthylene	92		94		40-140	2		50
Anthracene	87		89		40-140	2		50
Benzo(ghi)perylene	94		93		40-140	1		50
Fluorene	86		91		40-140	6		50
Phenanthrene	82		87		40-140	6		50
Dibenzo(a,h)anthracene	90		88		40-140	2		50
Indeno(1,2,3-cd)pyrene	95		93		40-140	2		50
Pyrene	87		91		35-142	4		50
Biphenyl	93		94		37-127	1		50
4-Chloroaniline	71		70		40-140	1		50
2-Nitroaniline	116		120		47-134	3		50
3-Nitroaniline	82		86		26-129	5		50
4-Nitroaniline	99		108		41-125	9		50
Dibenzofuran	85		91		40-140	7		50
2-Methylnaphthalene	90		87		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

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: WG1280431-2 WG1280431-3								
1,2,4,5-Tetrachlorobenzene	86		85		40-117	1		50
Acetophenone	94		94		14-144	0		50
2,4,6-Trichlorophenol	97		102		30-130	5		50
p-Chloro-m-cresol	**107**	Q	**106**	Q	26-103	1		50
2-Chlorophenol	93		93		25-102	0		50
2,4-Dichlorophenol	100		103		30-130	3		50
2,4-Dimethylphenol	108		106		30-130	2		50
2-Nitrophenol	116		115		30-130	1		50
4-Nitrophenol	112		**117**	Q	11-114	4		50
2,4-Dinitrophenol	93		106		4-130	13		50
4,6-Dinitro-o-cresol	118		126		10-130	7		50
Pentachlorophenol	92		98		17-109	6		50
Phenol	**92**	Q	**92**	Q	26-90	0		50
2-Methylphenol	94		94		30-130.	0		50
3-Methylphenol/4-Methylphenol	97		97		30-130	0		50
2,4,5-Trichlorophenol	101		98		30-130	3		50
Carbazole	88		92		54-128	4		50
Atrazine	104		108		40-140	4		50
Benzaldehyde	90		87		40-140	3		50
Caprolactam	88		92		15-130	4		50
2,3,4,6-Tetrachlorophenol	87		95		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1940276

Report Date: 09/09/19

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: WG1280431-2 WG1280431-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		91		25-120
Phenol-d6	96		95		10-120
Nitrobenzene-d5	101		98		23-120
2-Fluorobiphenyl	92		93		30-120
2,4,6-Tribromophenol	89		95		10-136
4-Terphenyl-d14	85		88		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1940276
Report Date: 09/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1281538-2 WG1281538-3								
Hexachlorobenzene	81		78		40-140	4		30
2,4-Dinitrotoluene	111		103		40-132	7		30
Hexachlorobutadiene	73		72		28-111	1		30
Hexachloroethane	63		61		21-105	3		30
Nitrobenzene	79		80		40-140	1		30
2,4,6-Trichlorophenol	88		86		30-130	2		30
Pentachlorophenol	94		94		9-103	0		30
2-Methylphenol	77		73		30-130	5		30
3-Methylphenol/4-Methylphenol	75		74		30-130	1		30
2,4,5-Trichlorophenol	94		90		30-130	4		30
Pyridine	26		28		10-66	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		67		21-120
Phenol-d6	67		69		10-120
Nitrobenzene-d5	76		77		23-120
2-Fluorobiphenyl	78		83		15-120
2,4,6-Tribromophenol	84		86		10-120
4-Terphenyl-d14	81		81		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1940276
Report Date: 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01
Client ID: SP13A-190904-1330
Sample Location: ROME, NY
Sample Depth:
Matrix: Soil
Percent Solids: 83%

Date Collected: 09/04/19 13:30
Date Received: 09/04/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/05/19 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/06/19 18:34	09/06/19 20:29	EPA 3015	1,6010D	AB
Barium, TCLP	0.364	J	mg/l	0.500	0.021	1	09/06/19 18:34	09/06/19 20:29	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/06/19 18:34	09/06/19 20:29	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/06/19 18:34	09/06/19 20:29	EPA 3015	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/06/19 18:34	09/06/19 20:29	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/09/19 10:45	09/09/19 13:20	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/06/19 18:34	09/06/19 20:29	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/06/19 18:34	09/06/19 20:29	EPA 3015	1,6010D	AB

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1940276
Report Date: 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01
Client ID: SP13A-190904-1330
Sample Location: ROME, NY
Date Collected: 09/04/19 13:30
Date Received: 09/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.379	J	mg/kg	2.31	0.176	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Arsenic, Total	6.01		mg/kg	0.462	0.096	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Barium, Total	26.9		mg/kg	0.462	0.081	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Beryllium, Total	0.273		mg/kg	0.231	0.015	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Cadmium, Total	0.180	J	mg/kg	0.462	0.045	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Chromium, Total	5.21		mg/kg	0.462	0.044	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Copper, Total	8.53		mg/kg	0.462	0.119	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Lead, Total	9.56		mg/kg	2.31	0.124	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/06/19 04:00	09/06/19 12:11	EPA 7471B	1,7471B	GD
Nickel, Total	6.12		mg/kg	1.16	0.112	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	0.925	0.119	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.462	0.131	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Thallium, Total	0.203	J	mg/kg	0.925	0.146	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Vanadium, Total	12.2		mg/kg	0.462	0.094	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB
Zinc, Total	60.9		mg/kg	2.31	0.136	1	09/05/19 22:00	09/06/19 16:52	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1940276

Project Number: 127887-007 **Report Date:** 09/09/19

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: WG1280801-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/05/19 22:00	09/06/19 16:16	1,6010D	AB

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 Batch: WG1280905-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/06/19 04:00	09/06/19 12:00	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1281232-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/09/19 10:45	09/09/19 13:10	1,7470A	GD

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/04/19 17:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1281248-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/06/19 18:34	09/06/19 19:51	1,6010D	AB
Barium, TCLP	ND		mg/l	0.500	0.021	1	09/06/19 18:34	09/06/19 19:51	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/06/19 18:34	09/06/19 19:51	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/06/19 18:34	09/06/19 19:51	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/06/19 18:34	09/06/19 19:51	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/06/19 18:34	09/06/19 19:51	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/06/19 18:34	09/06/19 19:51	1,6010D	AB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/04/19 17:04

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1280801-2 SRM Lot Number: D105-540								
Antimony, Total	150		-		19-249	-		
Arsenic, Total	96		-		70-130	-		
Barium, Total	90		-		75-125	-		
Beryllium, Total	94		-		75-125	-		
Cadmium, Total	91		-		75-125	-		
Chromium, Total	88		-		70-130	-		
Copper, Total	90		-		75-125	-		
Lead, Total	90		-		71-128	-		
Nickel, Total	89		-		70-131	-		
Selenium, Total	95		-		63-137	-		
Silver, Total	91		-		69-131	-		
Thallium, Total	89		-		68-132	-		
Vanadium, Total	88		-		65-135	-		
Zinc, Total	92		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1280905-2 SRM Lot Number: D105-540								
Mercury, Total	98		-		60-141	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1281232-2								
Mercury, TCLP	101		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1281248-2					
Arsenic, TCLP	108	-	75-125	-	20
Barium, TCLP	96	-	75-125	-	20
Cadmium, TCLP	104	-	75-125	-	20
Chromium, TCLP	96	-	75-125	-	20
Lead, TCLP	101	-	75-125	-	20
Selenium, TCLP	102	-	75-125	-	20
Silver, TCLP	94	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

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 QC Batch ID: WG1280801-3 WG1280801-4 QC Sample: L1939222-11 Client ID: MS Sample												
Antimony, Total	ND	45.8	41.0	89		39.2	87		75-125	4		20
Arsenic, Total	1.89	11	11.6	88		11.3	87		75-125	3		20
Barium, Total	230	183	400	93		454	125		75-125	13		20
Beryllium, Total	0.489	4.58	4.75	93		4.64	92		75-125	2		20
Cadmium, Total	0.10J	4.67	4.42	94		4.17	91		75-125	6		20
Chromium, Total	19.9	18.3	37.1	94		37.5	98		75-125	1		20
Copper, Total	5.82	22.9	25.8	87		25.8	89		75-125	0		20
Lead, Total	7.02	46.7	50.5	93		46.6	86		75-125	8		20
Nickel, Total	8.41	45.8	48.6	88		46.3	84		75-125	5		20
Selenium, Total	ND	11	9.72	88		9.17	85		75-125	6		20
Silver, Total	ND	27.5	25.3	92		24.3	90		75-125	4		20
Thallium, Total	ND	11	9.10	83		8.60	80		75-125	6		20
Vanadium, Total	41.6	45.8	78.0	79		78.7	83		75-125	1		20
Zinc, Total	23.9	45.8	68.5	97		65.9	94		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1280905-3 QC Sample: L1940164-01 Client ID: MS Sample												
Mercury, Total	ND	0.139	0.145	104		-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1281232-3 QC Sample: L1939812-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0248	99		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1281248-3 QC Sample: L1939886-01 Client ID: MS Sample									
Arsenic, TCLP	ND	1.2	1.30	108	-	-	75-125	-	20
Barium, TCLP	0.654	20	19.7	95	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.527	103	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.92	96	-	-	75-125	-	20
Lead, TCLP	ND	5.1	5.08	100	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.23	102	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.465	93	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1940276

Report Date: 09/09/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1280905-4 QC Sample: L1940164-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1281232-4 QC Sample: L1939812-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1281248-4 QC Sample: L1939886-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.654	0.641	mg/l	2		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

SAMPLE RESULTS

Lab ID: L1940276-01
Client ID: SP13A-190904-1330
Sample Location: ROME, NY

Date Collected: 09/04/19 13:30
Date Received: 09/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	09/05/19 10:15	121,2540G	RI
pH (H)	7.4		SU	-	NA	1	-	09/05/19 09:09	1,9045D	JA

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1280532-1								
pH	101		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1940276

Report Date: 09/09/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1280532-2 QC Sample: L1939585-01 Client ID: DUP Sample						
pH	7.0	7.1	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1280543-1 QC Sample: L1940200-01 Client ID: DUP Sample						
Solids, Total	91.1	90.4	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1940276
Report Date: 09/09/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1940276-01A	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L1940276-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1940276-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		TCLP-EXT-ZHE(14)
L1940276-01D	Glass 500ml/16oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),PH-9045(1)
L1940276-01T	Vial unpreserved Extracts	A	NA		2.2	Y	Absent		TCLP-VOA(14)
L1940276-01U	Vial unpreserved Extracts	A	NA		2.2	Y	Absent		TCLP-VOA(14)
L1940276-01W	Amber 1000ml unpreserved Extracts	A	NA		2.2	Y	Absent		TCLP-8270(14)
L1940276-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1940276-01X9	Tumble Vessel	A	NA		2.2	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1940276
Project Number:	127887-007	**Report Date:**	09/09/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1940276
Project Number:	127887-007	**Report Date:**	09/09/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1940276
Project Number:	127887-007	**Report Date:**	09/09/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 9/5/19

ALPHA Job #: L1990276

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals	Corrosivity (pH)			Sample Specific Comments	Total Bottles
90276-01	SP13A-190904-1330	9/4/2019	13:30	SO	PAF	N/A	X	X	X	X	X	X				4
Container Type							A	A	A	A	A	A				
Preservative							A	A	A	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[signature]	9/4/19 1635	[signature]	9/4/19 1635
[signature]	9/4/19 1635	[signature]	9/5/19 0 1600

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

Water Documentation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

July 31, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Discharge of groundwater to City of Rome WPCF

Dear Ms. Mondello:

The Department has reviewed your Generic "Contained-In" Determination Request for the discharge of groundwater generated during Interim Remedial Measures (IRM) to the City of Rome sanitary sewer at the Referenced project. The information indicates that collected groundwater will be discharged directly to a sewer manhole, pursuant to the IRM Work Plan dated 10 August 2018, and in accordance with Industrial Discharge Permit HAL-1920 ("Permit HAL-1920") issued by the City of Rome Water Pollution Control Facility (WPCF), dated 1 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities has been determined by the NYSDEC to be considered F034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

Based on the provided information and all analytical water data submitted between August 29, 2016 to November 15, 2016, the collected groundwater does not have to be managed as hazardous waste when is discharged to the City of Rome sanitary sewer, NY, for disposal.

Please be advised that this contained-in determination will only apply if the collected groundwater meets all Rome WPCF discharge conditions. Also, please submit the next four (4) analytical data results to confirm that the discharged groundwater is meeting Rome WPCF permit conditions.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

30 July 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Discharge of groundwater to City of Rome WPCF

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), is notifying the New York State Department of Environmental Conservation (NYSDEC) of the discharge of groundwater generated during Interim Remedial Measures (IRM) to the City of Rome sanitary sewer. Collected groundwater will be discharged directly to a sewer manhole, pursuant to the IRM Work Plan dated 10 August 2018, and in accordance with Industrial Discharge Permit HAL-1920 ("Permit HAL-1920") issued by the City of Rome Water Pollution Control Facility (WPCF), dated 1 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination. Pursuant to correspondence between NYSDEC and the Multistate Trust, dated 17 November 2016, water generated at the Site has been granted a generic "Contained-In" determination, applicable only if collected water is delivered to the Rome WPCF and meets Rome WPCF discharge conditions.

In accordance with Rome WPCF Permit HAL-1920, a water sample representative of the water to be discharged to the sanitary sewer, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your files. The sample is identified as:

- WW-01-190718-1530 (Laboratory Sample ID L1931908-01)

The analytical data meet the Rome WPCF discharge conditions outlined in Permit HAL-1920, and pursuant to the Permit and previously issued Generic "Contained-In" determination, will be discharged to the City of Rome sanitary sewer. Groundwater generated during subsequent IRM activities will be discharged as required to the sanitary sewer under the Generic Contained-In determination, and will be sampled and analyzed in accordance with the sampling requirements defined in the WPCF Permit HAL-1920 or otherwise modified by the Rome WPCF.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

\\haleyaldrich.com\share\roc_common\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Wastewater\WW-01\ww_notice_of_discharge_190730.docx

ANALYTICAL REPORT

Lab Number:	L1931908
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/27/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1931908-01	WW-01-190718-1530	WATER	ROME, NY	07/18/19 15:30	07/18/19
L1931908-02	1234-190718-0001	WATER	ROME, NY	07/18/19 15:30	07/18/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1931908
Project Number:	127887-007	**Report Date:**	07/27/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Case Narrative (continued)

Report Submission

July 27, 2019: This final report includes the results of all requested analyses.

July 26, 2019: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics by Method 624

L1931908-01 (WW-01-190718-1530): The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

The WG1263340-3 LCS recoveries, associated with L1931908-01 (WW-01-190718-1530), are above the acceptance criteria for carbon tetrachloride (135%) and 1,1,1-trichloroethane (140%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

Semivolatile Organics by Method 625

L1931908-01: 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: Lisa Westerlind

Title: Technical Director/Representative

Date: 07/27/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931908
Report Date: 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-01 D
Client ID: WW-01-190718-1530
Sample Location: ROME, NY

Date Collected: 07/18/19 15:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 07/20/19 18:54
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.0	1.1	2
1,1-Dichloroethane	ND		ug/l	3.0	0.79	2
Chloroform	ND		ug/l	2.0	0.76	2
Carbon tetrachloride	ND		ug/l	2.0	0.49	2
1,2-Dichloropropane	ND		ug/l	7.0	0.93	2
Dibromochloromethane	ND		ug/l	2.0	0.54	2
1,1,2-Trichloroethane	ND		ug/l	3.0	0.68	2
2-Chloroethylvinyl ether	ND		ug/l	20	0.69	2
Tetrachloroethene	ND		ug/l	2.0	0.52	2
Chlorobenzene	ND		ug/l	7.0	0.61	2
Trichlorofluoromethane	ND		ug/l	10	0.55	2
1,2-Dichloroethane	ND		ug/l	3.0	0.94	2
1,1,1-Trichloroethane	ND		ug/l	4.0	0.57	2
Bromodichloromethane	ND		ug/l	2.0	0.55	2
trans-1,3-Dichloropropene	ND		ug/l	3.0	0.62	2
cis-1,3-Dichloropropene	ND		ug/l	3.0	0.67	2
Bromoform	ND		ug/l	2.0	0.43	2
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.41	2
Benzene	2.4		ug/l	2.0	0.77	2
Toluene	3.2		ug/l	2.0	0.63	2
Ethylbenzene	3.0		ug/l	2.0	0.56	2
Chloromethane	ND		ug/l	10	2.1	2
Bromomethane	ND		ug/l	10	2.4	2
Vinyl chloride	ND		ug/l	2.0	0.75	2
Chloroethane	ND		ug/l	4.0	0.74	2
1,1-Dichloroethene	ND		ug/l	2.0	0.62	2
trans-1,2-Dichloroethene	ND		ug/l	3.0	0.66	2
cis-1,2-Dichloroethene	ND		ug/l	2.0	0.34	2

Project Name: LOT 3A IRM **Lab Number:** L1931908

Project Number: 127887-007 **Report Date:** 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-01 D
Client ID: WW-01-190718-1530
Sample Location: ROME, NY

Date Collected: 07/18/19 15:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.0	0.67	2
1,2-Dichlorobenzene	ND		ug/l	10	0.55	2
1,3-Dichlorobenzene	ND		ug/l	10	0.55	2
1,4-Dichlorobenzene	ND		ug/l	10	0.57	2
p/m-Xylene	7.5		ug/l	4.0	0.61	2
o-xylene	4.2		ug/l	2.0	0.68	2
Xylenes, Total	12		ug/l	1.0	0.30	2
Styrene	1.0	J	ug/l	2.0	0.74	2
Acetone	7.7	J	ug/l	20	4.7	2
Carbon disulfide	ND		ug/l	10	0.57	2
2-Butanone	ND		ug/l	20	2.1	2
Vinyl acetate	ND		ug/l	20	0.82	2
4-Methyl-2-pentanone	ND		ug/l	20	0.38	2
2-Hexanone	ND		ug/l	20	1.1	2
Acrolein	ND		ug/l	16	3.6	2
Acrylonitrile	ND		ug/l	20	0.67	2
Dibromomethane	ND		ug/l	2.0	0.45	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	104		60-140
Fluorobenzene	101		60-140
4-Bromofluorobenzene	113		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931908
Report Date: 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-02
Client ID: 1234-190718-0001
Sample Location: ROME, NY

Date Collected: 07/18/19 15:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 07/19/19 20:59
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: LOT 3A IRM **Lab Number:** L1931908

Project Number: 127887-007 **Report Date:** 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-02 Date Collected: 07/18/19 15:30

Client ID: 1234-190718-0001 Date Received: 07/18/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	103		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/19/19 10:14
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1262059-8					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	1.7	J	ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/19/19 10:14
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1262059-8					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
n-Hexane[1]	ND		ug/l	20	0.17
Methyl tert butyl ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23
1,4-Dioxane[1]	ND		ug/l	2000	30.
Tert-Butyl Alcohol	ND		ug/l	100	3.9
Tertiary-Amyl Methyl Ether	ND		ug/l	20	0.28
Dichlorodifluoromethane[1]	ND		ug/l	1.0	0.32

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	106		60-140
Fluorobenzene	104		60-140
4-Bromofluorobenzene	110		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/20/19 09:23
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1263340-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	1.2	J	ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/20/19 09:23
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1263340-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
n-Hexane[1]	ND		ug/l	20	0.17
Methyl tert butyl ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23
1,4-Dioxane[1]	ND		ug/l	2000	30.
Tert-Butyl Alcohol	ND		ug/l	100	3.9
Tertiary-Amyl Methyl Ether	ND		ug/l	20	0.28
Dichlorodifluoromethane[1]	ND		ug/l	1.0	0.32

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		60-140
Fluorobenzene	101		60-140
4-Bromofluorobenzene	105		60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1262059-7								
Methylene chloride	100		-		60-140	-		28
1,1-Dichloroethane	100		-		50-150	-		49
Chloroform	110		-		70-135	-		54
Carbon tetrachloride	120		-		70-130	-		41
1,2-Dichloropropane	100		-		35-165	-		55
Dibromochloromethane	100		-		70-135	-		50
1,1,2-Trichloroethane	95		-		70-130	-		45
2-Chloroethylvinyl ether	100		-		1-225	-		71
Tetrachloroethene	115		-		70-130	-		39
Chlorobenzene	100		-		65-135	-		53
Trichlorofluoromethane	110		-		50-150	-		84
1,2-Dichloroethane	110		-		70-130	-		49
1,1,1-Trichloroethane	120		-		70-130	-		36
Bromodichloromethane	110		-		65-135	-		56
trans-1,3-Dichloropropene	100		-		50-150	-		86
cis-1,3-Dichloropropene	110		-		25-175	-		58
Bromoform	100		-		70-130	-		42
1,1,2,2-Tetrachloroethane	100		-		60-140	-		61
Benzene	110		-		65-135	-		61
Toluene	110		-		70-130	-		41
Ethylbenzene	110		-		60-140	-		63
Chloromethane	85		-		1-205	-		60
Bromomethane	80		-		15-185	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1262059-7								
Vinyl chloride	95		-		5-195	-		66
Chloroethane	100		-		40-160	-		78
1,1-Dichloroethene	110		-		50-150	-		32
trans-1,2-Dichloroethene	115		-		70-130	-		45
cis-1,2-Dichloroethene	100		-		60-140	-		30
Trichloroethene	105		-		65-135	-		48
1,2-Dichlorobenzene	105		-		65-135	-		57
1,3-Dichlorobenzene	105		-		70-130	-		43
1,4-Dichlorobenzene	105		-		65-135	-		57
p/m-Xylene	108		-		60-140	-		30
o-xylene	105		-		60-140	-		30
Styrene	105		-		60-140	-		30
Acetone	92		-		40-160	-		30
Carbon disulfide	100		-		60-140	-		30
2-Butanone	92		-		60-140	-		30
Vinyl acetate	100		-		60-140	-		30
4-Methyl-2-pentanone	96		-		60-140	-		30
2-Hexanone	94		-		60-140	-		30
Acrolein	80		-		60-140	-		30
Acrylonitrile	95		-		60-140	-		60
Methyl tert butyl ether	105		-		60-140	-		30
Dibromomethane	100		-		70-130	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1262059-7								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	105				60-140
Fluorobenzene	102				60-140
4-Bromofluorobenzene	104				60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

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: WG1263340-3								
Methylene chloride	105		-		60-140	-		28
1,1-Dichloroethane	105		-		50-150	-		49
Chloroform	125		-		70-135	-		54
Carbon tetrachloride	**135**	Q	-		70-130	-		41
1,2-Dichloropropane	120		-		35-165	-		55
Dibromochloromethane	105		-		70-135	-		50
1,1,2-Trichloroethane	100		-		70-130	-		45
2-Chloroethylvinyl ether	85		-		1-225	-		71
Tetrachloroethene	120		-		70-130	-		39
Chlorobenzene	120		-		65-135	-		53
Trichlorofluoromethane	130		-		50-150	-		84
1,2-Dichloroethane	125		-		70-130	-		49
1,1,1-Trichloroethane	**140**	Q	-		70-130	-		36
Bromodichloromethane	120		-		65-135	-		56
trans-1,3-Dichloropropene	110		-		50-150	-		86
cis-1,3-Dichloropropene	110		-		25-175	-		58
Bromoform	110		-		70-130	-		42
1,1,2,2-Tetrachloroethane	105		-		60-140	-		61
Benzene	125		-		65-135	-		61
Toluene	120		-		70-130	-		41
Ethylbenzene	125		-		60-140	-		63
Chloromethane	120		-		1-205	-		60
Bromomethane	120		-		15-185	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

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: WG1263340-3								
Vinyl chloride	130		-		5-195	-		66
Chloroethane	125		-		40-160	-		78
1,1-Dichloroethene	125		-		50-150	-		32
trans-1,2-Dichloroethene	120		-		70-130	-		45
cis-1,2-Dichloroethene	110		-		60-140	-		30
Trichloroethene	120		-		65-135	-		48
1,2-Dichlorobenzene	115		-		65-135	-		57
1,3-Dichlorobenzene	115		-		70-130	-		43
1,4-Dichlorobenzene	115		-		65-135	-		57
p/m-Xylene	122		-		60-140	-		30
o-xylene	120		-		60-140	-		30
Styrene	120		-		60-140	-		30
Acetone	80		-		40-160	-		30
Carbon disulfide	110		-		60-140	-		30
2-Butanone	86		-		60-140	-		30
Vinyl acetate	92		-		60-140	-		30
4-Methyl-2-pentanone	82		-		60-140	-		30
2-Hexanone	80		-		60-140	-		30
Acrolein	78		-		60-140	-		30
Acrylonitrile	80		-		60-140	-		60
Methyl tert butyl ether	95		-		60-140	-		30
Dibromomethane	95		-		70-130	-		30
1,4-Dioxane[1]	85		-		60-140	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

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: WG1263340-3								
Tert-Butyl Alcohol	77		-		60-140	-		30
Tertiary-Amyl Methyl Ether	95		-		60-140	-		30
Dichlorodifluoromethane[1]	120		-		70-130	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	109				60-140
Fluorobenzene	109				60-140
4-Bromofluorobenzene	111				60-140

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-01 D
Client ID: WW-01-190718-1530
Sample Location: ROME, NY

Date Collected: 07/18/19 15:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 07/27/19 00:27
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 07/19/19 12:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130		ug/l	20	4.0	10
Benzidine[1]	ND		ug/l	200	120	10
1,2,4-Trichlorobenzene	ND		ug/l	49	15.	10
Hexachlorobenzene	ND		ug/l	20	9.3	10
Bis(2-chloroethyl)ether	ND		ug/l	20	5.9	10
2-Chloronaphthalene	ND		ug/l	20	3.1	10
3,3'-Dichlorobenzidine	ND		ug/l	49	4.5	10
2,4-Dinitrotoluene	ND		ug/l	49	6.2	10
2,6-Dinitrotoluene	ND		ug/l	49	6.2	10
Azobenzene[1]	ND		ug/l	20	8.7	10
Fluoranthene	15	J	ug/l	20	7.2	10
4-Chlorophenyl phenyl ether	ND		ug/l	20	3.6	10
4-Bromophenyl phenyl ether	ND		ug/l	20	4.4	10
Bis(2-chloroisopropyl)ether	ND		ug/l	20	8.0	10
Bis(2-chloroethoxy)methane	ND		ug/l	49	5.7	10
Hexachlorobutadiene	ND		ug/l	20	9.0	10
Hexachlorocyclopentadiene[1]	ND		ug/l	98	13.	10
Hexachloroethane	ND		ug/l	20	9.5	10
Isophorone	ND		ug/l	49	5.4	10
Naphthalene	620		ug/l	20	8.8	10
Nitrobenzene	ND		ug/l	20	7.7	10
NDPA/DPA[1]	ND		ug/l	20	7.7	10
n-Nitrosodi-n-propylamine	ND		ug/l	49	6.2	10
Bis(2-ethylhexyl)phthalate	ND		ug/l	22	17.	10
Butyl benzyl phthalate	ND		ug/l	49	6.6	10
Di-n-butylphthalate	ND		ug/l	49	6.2	10
Di-n-octylphthalate	ND		ug/l	49	6.2	10
Diethyl phthalate	ND		ug/l	49	7.0	10

Project Name: LOT 3A IRM **Lab Number:** L1931908

Project Number: 127887-007 **Report Date:** 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-01 D
Client ID: WW-01-190718-1530
Sample Location: ROME, NY

Date Collected: 07/18/19 15:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	49	14.	10
Benzo(a)anthracene	ND		ug/l	20	6.5	10
Benzo(a)pyrene	ND		ug/l	20	6.0	10
Benzo(b)fluoranthene	ND		ug/l	20	7.3	10
Benzo(k)fluoranthene	ND		ug/l	20	7.2	10
Chrysene	ND		ug/l	20	6.5	10
Acenaphthylene	14	J	ug/l	20	9.1	10
Anthracene	12	J	ug/l	20	7.8	10
Benzo(ghi)perylene	ND		ug/l	20	6.6	10
Fluorene	94		ug/l	20	9.1	10
Phenanthrene	85		ug/l	20	8.0	10
Dibenzo(a,h)anthracene	ND		ug/l	20	6.7	10
Indeno(1,2,3-cd)pyrene	ND		ug/l	20	6.2	10
Pyrene	9.7	J	ug/l	20	7.1	10
4-Chloroaniline[1]	ND		ug/l	49	7.7	10
Dibenzofuran[1]	95		ug/l	20	3.6	10
2-Methylnaphthalene[1]	170		ug/l	20	3.4	10
n-Nitrosodimethylamine[1]	ND		ug/l	20	4.0	10
2,4,6-Trichlorophenol	ND		ug/l	49	6.0	10
p-Chloro-m-cresol[1]	ND		ug/l	20	5.2	10
2-Chlorophenol	ND		ug/l	20	5.0	10
2,4-Dichlorophenol	ND		ug/l	49	5.4	10
2,4-Dimethylphenol	39	J	ug/l	49	8.3	10
2-Nitrophenol	ND		ug/l	49	5.9	10
4-Nitrophenol	ND		ug/l	98	8.2	10
2,4-Dinitrophenol	ND		ug/l	200	12.	10
4,6-Dinitro-o-cresol	ND		ug/l	98	12.	10
Pentachlorophenol	ND		ug/l	49	6.1	10
Phenol	42	J	ug/l	49	2.6	10
2-Methylphenol[1]	57		ug/l	49	7.6	10
3-Methylphenol/4-Methylphenol[1]	96		ug/l	49	5.0	10
2,4,5-Trichlorophenol[1]	ND		ug/l	49	6.2	10
Benzoic Acid[1]	ND		ug/l	490	11.	10
Benzyl Alcohol[1]	ND		ug/l	20	4.8	10

Project Name: LOT 3A IRM **Lab Number:** L1931908

Project Number: 127887-007 **Report Date:** 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-01 D
Client ID: WW-01-190718-1530
Sample Location: ROME, NY

Date Collected: 07/18/19 15:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-87
Phenol-d6	30		16-65
Nitrobenzene-d5	79		42-122
2-Fluorobiphenyl	63		46-121
2,4,6-Tribromophenol	88		45-128
4-Terphenyl-d14	74		47-138

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/24/19 11:55
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 07/19/19 12:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262092-1					
Acenaphthene	ND		ug/l	2.0	0.41
Benzidine[1]	ND		ug/l	20	12.
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.5
Hexachlorobenzene	ND		ug/l	2.0	0.95
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.60
2-Chloronaphthalene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.46
2,4-Dinitrotoluene	ND		ug/l	5.0	0.64
2,6-Dinitrotoluene	ND		ug/l	5.0	0.63
Azobenzene[1]	ND		ug/l	2.0	0.89
Fluoranthene	ND		ug/l	2.0	0.74
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.37
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.45
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.82
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.58
Hexachlorobutadiene	ND		ug/l	2.0	0.92
Hexachlorocyclopentadiene[1]	ND		ug/l	10	1.4
Hexachloroethane	ND		ug/l	2.0	0.97
Isophorone	ND		ug/l	5.0	0.55
Naphthalene	ND		ug/l	2.0	0.90
Nitrobenzene	ND		ug/l	2.0	0.79
NDPA/DPA[1]	ND		ug/l	2.0	0.78
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.63
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.2	1.7
Butyl benzyl phthalate	ND		ug/l	5.0	0.67
Di-n-butylphthalate	ND		ug/l	5.0	0.63
Di-n-octylphthalate	ND		ug/l	5.0	0.63
Diethyl phthalate	ND		ug/l	5.0	0.72
Dimethyl phthalate	ND		ug/l	5.0	1.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/24/19 11:55
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 07/19/19 12:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262092-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.66
Benzo(a)pyrene	ND		ug/l	2.0	0.61
Benzo(b)fluoranthene	ND		ug/l	2.0	0.74
Benzo(k)fluoranthene	ND		ug/l	2.0	0.74
Chrysene	ND		ug/l	2.0	0.67
Acenaphthylene	ND		ug/l	2.0	0.93
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.67
Fluorene	ND		ug/l	2.0	0.93
Phenanthrene	ND		ug/l	2.0	0.82
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.69
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.63
Pyrene	ND		ug/l	2.0	0.73
4-Chloroaniline[1]	ND		ug/l	5.0	0.79
Dibenzofuran[1]	ND		ug/l	2.0	0.37
2-Methylnaphthalene[1]	ND		ug/l	2.0	0.35
n-Nitrosodimethylamine[1]	ND		ug/l	2.0	0.41
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol[1]	ND		ug/l	2.0	0.53
2-Chlorophenol	ND		ug/l	2.0	0.51
2,4-Dichlorophenol	ND		ug/l	5.0	0.55
2,4-Dimethylphenol	ND		ug/l	5.0	0.85
2-Nitrophenol	ND		ug/l	5.0	0.60
4-Nitrophenol	ND		ug/l	10	0.83
2,4-Dinitrophenol	ND		ug/l	20	1.2
4,6-Dinitro-o-cresol	ND		ug/l	10	1.2
Pentachlorophenol	ND		ug/l	5.0	0.62
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol[1]	ND		ug/l	5.0	0.77

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/24/19 11:55
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 07/19/19 12:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262092-1					
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.0	0.51
2,4,5-Trichlorophenol[1]	ND		ug/l	5.0	0.64
Benzoic Acid[1]	ND		ug/l	50	1.2
Benzyl Alcohol[1]	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-87
Phenol-d6	34		16-65
Nitrobenzene-d5	73		42-122
2-Fluorobiphenyl	84		46-121
2,4,6-Tribromophenol	99		45-128
4-Terphenyl-d14	93		47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

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: WG1262092-2								
Acenaphthene	87		-		60-132	-		48
Benzidine[1]	31		-		0-70	-		30
1,2,4-Trichlorobenzene	79		-		57-130	-		50
Hexachlorobenzene	97		-		8-142	-		55
Bis(2-chloroethyl)ether	75		-		43-126	-		108
2-Chloronaphthalene	90		-		65-120	-		24
3,3'-Dichlorobenzidine	43		-		8-213	-		108
2,4-Dinitrotoluene	96		-		48-127	-		42
2,6-Dinitrotoluene	97		-		68-137	-		48
Azobenzene[1]	87		-		44-115	-		23
Fluoranthene	97		-		43-121	-		66
4-Chlorophenyl phenyl ether	89		-		38-145	-		61
4-Bromophenyl phenyl ether	96		-		65-120	-		43
Bis(2-chloroisopropyl)ether	70		-		63-139	-		76
Bis(2-chloroethoxy)methane	81		-		49-165	-		54
Hexachlorobutadiene	84		-		38-120	-		62
Hexachlorocyclopentadiene[1]	86		-		7-118	-		35
Hexachloroethane	73		-		55-120	-		52
Isophorone	84		-		47-180	-		93
Naphthalene	83		-		36-120	-		65
Nitrobenzene	77		-		54-158	-		62
NDPA/DPA[1]	93		-		45-112	-		36
n-Nitrosodi-n-propylamine	83		-		14-198	-		87

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

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: WG1262092-2								
Bis(2-ethylhexyl)phthalate	106		-		29-137	-		82
Butyl benzyl phthalate	98		-		1-140	-		60
Di-n-butylphthalate	100		-		8-120	-		47
Di-n-octylphthalate	103		-		19-132	-		69
Diethyl phthalate	92		-		1-120	-		100
Dimethyl phthalate	92		-		1-120	-		183
Benzo(a)anthracene	98		-		42-133	-		53
Benzo(a)pyrene	98		-		32-148	-		72
Benzo(b)fluoranthene	104		-		42-140	-		71
Benzo(k)fluoranthene	101		-		25-146	-		63
Chrysene	92		-		44-140	-		87
Acenaphthylene	92		-		54-126	-		74
Anthracene	95		-		43-120	-		66
Benzo(ghi)perylene	100		-		1-195	-		97
Fluorene	90		-		70-120	-		38
Phenanthrene	91		-		65-120	-		39
Dibenzo(a,h)anthracene	98		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	96		-		1-151	-		99
Pyrene	96		-		70-120	-		49
4-Chloroaniline[1]	70		-		10-100	-		53
Dibenzofuran[1]	88		-		23-126	-		22
2-Methylnaphthalene[1]	88		-		40-109	-		18
n-Nitrosodimethylamine[1]	45		-		15-68	-		17

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

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: WG1262092-2								
2,4,6-Trichlorophenol	97		-		52-129	-		58
p-Chloro-m-cresol[1]	94		-		68-130	-		73
2-Chlorophenol	79		-		36-120	-		61
2,4-Dichlorophenol	92		-		53-122	-		50
2,4-Dimethylphenol	76		-		42-120	-		58
2-Nitrophenol	87		-		45-167	-		55
4-Nitrophenol	65		-		13-129	-		131
2,4-Dinitrophenol	84		-		1-173	-		132
4,6-Dinitro-o-cresol	99		-		56-130	-		203
Pentachlorophenol	100		-		38-152	-		86
Phenol	39		-		17-120	-		64
2-Methylphenol[1]	76		-		38-102	-		23
3-Methylphenol/4-Methylphenol[1]	74		-		35-103	-		26
2,4,5-Trichlorophenol[1]	98		-		47-126	-		28
Benzoic Acid[1]	36		-		2-55	-		27
Benzyl Alcohol[1]	66		-		31-103	-		23

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931908

Report Date: 07/27/19

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: WG1262092-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56				25-87
Phenol-d6	40				16-65
Nitrobenzene-d5	77				42-122
2-Fluorobiphenyl	88				46-121
2,4,6-Tribromophenol	110				45-128
4-Terphenyl-d14	97				47-138

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931908
Report Date: 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-01
Client ID: WW-01-190718-1530
Sample Location: ROME, NY
Sample Depth:
Matrix: Water

Date Collected: 07/18/19 15:30
Date Received: 07/18/19
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	0.00136	J	mg/l	0.00400	0.00042	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00403		mg/l	0.00050	0.00016	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00014	J	mg/l	0.00020	0.00005	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Chromium, Total	0.00116		mg/l	0.00100	0.00017	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Copper, Total	0.00585		mg/l	0.00100	0.00038	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Lead, Total	0.00292		mg/l	0.00100	0.00034	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Nickel, Total	0.00350		mg/l	0.00200	0.00055	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Zinc, Total	0.06127		mg/l	0.01000	0.00341	1	07/23/19 17:16	07/24/19 12:07	EPA 3005A	1,6020B	AM
Low-Level Mercury - Mansfield Lab											
Mercury, Total	0.0077		ug/l	0.0010	0.0003	2	07/25/19 15:27	07/26/19 13:57	EPA 1631E	82,1631E	BV

Project Name: LOT 3A IRM **Lab Number:** L1931908

Project Number: 127887-007 **Report Date:** 07/27/19

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: WG1263426-1										
Antimony, Total	0.00089	J	mg/l	0.00400	0.00042	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/23/19 17:16	07/24/19 11:31	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Low-Level Mercury - Mansfield Lab for sample(s): 01 Batch: WG1264552-1										
Mercury, Total	0.0002	J	ug/l	0.0005	0.0001	1	07/25/19 15:27	07/26/19 11:42	82,1631E	BV

Prep Information

Digestion Method: EPA 1631E

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1263426-2								
Antimony, Total	86		-		80-120	-		
Arsenic, Total	105		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Copper, Total	96		-		80-120	-		
Lead, Total	110		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Selenium, Total	119		-		80-120	-		
Silver, Total	104		-		80-120	-		
Thallium, Total	107		-		80-120	-		
Zinc, Total	110		-		80-120	-		
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 Batch: WG1264552-2 SRM Lot Number: HG-LOW								
Mercury, Total	98		-		77-123	-		24

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

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 QC Batch ID: WG1263426-3 QC Sample: L1931908-01 Client ID: WW-01-190718-1530												
Antimony, Total	0.00136J	0.5	0.5731	115		-	-		75-125	-		20
Arsenic, Total	0.00403	0.12	0.1366	110		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05199	104		-	-		75-125	-		20
Cadmium, Total	0.00014J	0.051	0.05844	114		-	-		75-125	-		20
Chromium, Total	0.00116	0.2	0.2158	107		-	-		75-125	-		20
Copper, Total	0.00585	0.25	0.2693	105		-	-		75-125	-		20
Lead, Total	0.00292	0.51	0.5759	112		-	-		75-125	-		20
Nickel, Total	0.00350	0.5	0.5474	109		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.130	108		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05406	108		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1336	111		-	-		75-125	-		20
Zinc, Total	0.06127	0.5	0.6156	111		-	-		75-125	-		20
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1264552-3 WG1264552-4 QC Sample: L1930738-01 Client ID: MS Sample												
Mercury, Total	0.0015	0.005	0.0063	96		0.0062	95		71-125	1		24

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931908

Report Date: 07/27/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1263426-4 QC Sample: L1931908-01 Client ID: WW-01-190718-1530						
Antimony, Total	0.00136J	0.00150J	mg/l	NC		20
Arsenic, Total	0.00403	0.00400	mg/l	1		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	0.00014J	0.00012J	mg/l	NC		20
Chromium, Total	0.00116	0.00104	mg/l	11		20
Copper, Total	0.00585	0.00565	mg/l	4		20
Lead, Total	0.00292	0.00292	mg/l	0		20
Nickel, Total	0.00350	0.00342	mg/l	3		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.06127	0.05281	mg/l	15		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

SAMPLE RESULTS

Lab ID: L1931908-01
Client ID: WW-01-190718-1530
Sample Location: ROME, NY

Date Collected: 07/18/19 15:30
Date Received: 07/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	28.		mg/l	6.5	NA	1.3	-	07/19/19 12:30	121,2540D	DR
pH (H)	7.5		SU	-	NA	1	-	07/19/19 06:45	121,4500H+-B	DS

Project Name: LOT 3A IRM **Lab Number:** L1931908

Project Number: 127887-007 **Report Date:** 07/27/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1261999-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	07/19/19 12:30	121,2540D	DR

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931908

Report Date: 07/27/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1261910-1								
pH	100		-		99-101	-		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931908

Report Date: 07/27/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1261910-2 QC Sample: L1931908-01 Client ID: WW-01-190718-1530						
pH (H)	7.5	7.4	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1261999-2 QC Sample: L1900007-127 Client ID: DUP Sample						
Solids, Total Suspended	50.	44	mg/l	13		29

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931908
Report Date: 07/27/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1931908-01A	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)
L1931908-01B	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)
L1931908-01C	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)
L1931908-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180)
L1931908-01E	Teflon 250ml HCl preserved	A	<2	<2	3.1	Y	Absent		A2-HG-1631(28)
L1931908-01F	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		PH-4500(.01)
L1931908-01G	Plastic 950ml unpreserved	A	7	7	3.1	Y	Absent		TSS-2540(7)
L1931908-01H	Amber 1000ml Na2S2O3	A	7	7	3.1	Y	Absent		625.1(7)
L1931908-01I	Amber 1000ml Na2S2O3	A	7	7	3.1	Y	Absent		625.1(7)
L1931908-02A	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)
L1931908-02B	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1931908
Project Number:	127887-007	**Report Date:**	07/27/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1931908
Project Number:	127887-007	**Report Date:**	07/27/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1931908
Project Number:	127887-007	**Report Date:**	07/27/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

82 Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry. USEPA Office of Water, EPA Method 1631 Revision E, EPA-821-R-02-019, August 2002.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

ALPHA ANALYTICAL

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 7/19/19

ALPHA Job #: L1931908

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project # 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TTO (VOCs) - 624	TTO (SVOCs) - 625	Metals (PPL)	Metals (Hg) - 1631	pH	TSS			Sample Specific Comments	Total Bottles
31908 -01	WW-01-190718-1530	7/18/2019	15:30	H2O	PAF	N/A	X	X	X	X	X	X				9
-02	1234-190718-0001	7/18/2019	15:30	H	PAF	N/A									TB	2
Container Type							V	A	P	O	P	P				
Preservative							H	H	C	B	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[signature] FACCA	7/18/19 16:15	[signature]	7/18/19 16:15
[signature]	7/18/19 16:15	[signature]	7/19/19 0810

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

31 July 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Discharge of groundwater to City of Rome WPCF

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), is notifying the New York State Department of Environmental Conservation (NYSDEC) of the discharge of groundwater generated during Interim Remedial Measures (IRM) to the City of Rome sanitary sewer. Collected groundwater will be discharged directly to a sewer manhole, pursuant to the IRM Work Plan dated 10 August 2018, and in accordance with Industrial Discharge Permit HAL-1920 ("Permit HAL-1920") issued by the City of Rome Water Pollution Control Facility (WPCF), dated 1 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination. Pursuant to correspondence between NYSDEC and the Multistate Trust, dated 17 November 2016, water generated at the Site has been granted a generic "Contained-In" determination, applicable only if collected water is delivered to the Rome WPCF and meets Rome WPCF discharge conditions.

In accordance with Rome WPCF Permit HAL-1920, a water sample representative of the water to be discharged to the sanitary sewer, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your files. The sample is identified as:

- WW-02-190724-1500 (Laboratory Sample ID L1932850-01)

The analytical data meet the Rome WPCF discharge conditions outlined in Permit HAL-1920, and pursuant to the Permit and previously issued Generic "Contained-In" determination, will be discharged to the City of Rome sanitary sewer. Groundwater generated during subsequent IRM activities will be discharged as required to the sanitary sewer under the Generic Contained-In determination, and will be sampled and analyzed in accordance with the sampling requirements defined in the WPCF Permit HAL-1920 or otherwise modified by the Rome WPCF.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Wastewater\WW-02\ww_notice_of_discharge_190731.docx

ANALYTICAL REPORT

Lab Number:	L1932850
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/30/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1932850-01	WW-02-190724-1500	WATER	ROME, NY	07/24/19 15:00	07/24/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1932850
Project Number:	127887-007	**Report Date:**	07/30/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1932850
Project Number:	127887-007	**Report Date:**	07/30/19

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 by Method 624

The WG1265306-3 LCS recoveries, associated with L1932850-01 (WW-02-190724-1500), are above the acceptance criteria for carbon tetrachloride (140%) and 1,1,1-trichloroethane (140%); however, the associated samples are non-detect to the RL for these target analytes. The results of the original analysis are reported.

Semivolatile Organics by Method 625

L1932850-01 (WW-02-190724-1500): 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: 07/30/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932850
Report Date: 07/30/19

SAMPLE RESULTS

Lab ID: L1932850-01
Client ID: WW-02-190724-1500
Sample Location: ROME, NY

Date Collected: 07/24/19 15:00
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 07/26/19 12:24
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	2.1		ug/l	1.0	0.38	1
Toluene	1.8		ug/l	1.0	0.31	1
Ethylbenzene	0.75	J	ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932850
Report Date: 07/30/19

SAMPLE RESULTS

Lab ID: L1932850-01
Client ID: WW-02-190724-1500
Sample Location: ROME, NY
Date Collected: 07/24/19 15:00
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	2.2		ug/l	2.0	0.30	1
o-xylene	1.5		ug/l	1.0	0.34	1
Xylenes, Total	3.7		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	32		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	108		60-140
Fluorobenzene	123		60-140
4-Bromofluorobenzene	103		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/26/19 11:41
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1265306-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/26/19 11:41
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1265306-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
n-Hexane[1]	ND		ug/l	20	0.17
Methyl tert butyl ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23
1,4-Dioxane[1]	ND		ug/l	2000	30.
Tert-Butyl Alcohol	ND		ug/l	100	3.9
Tertiary-Amyl Methyl Ether	ND		ug/l	20	0.28
Dichlorodifluoromethane[1]	ND		ug/l	1.0	0.32

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	109		60-140
Fluorobenzene	103		60-140
4-Bromofluorobenzene	100		60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

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: WG1265306-3								
Methylene chloride	100		-		60-140	-		28
1,1-Dichloroethane	100		-		50-150	-		49
Chloroform	120		-		70-135	-		54
Carbon tetrachloride	**140**	Q	-		70-130	-		41
1,2-Dichloropropane	110		-		35-165	-		55
Dibromochloromethane	110		-		70-135	-		50
1,1,2-Trichloroethane	100		-		70-130	-		45
2-Chloroethylvinyl ether	105		-		1-225	-		71
Tetrachloroethene	110		-		70-130	-		39
Chlorobenzene	100		-		65-135	-		53
Trichlorofluoromethane	105		-		50-150	-		84
1,2-Dichloroethane	130		-		70-130	-		49
1,1,1-Trichloroethane	**140**	Q	-		70-130	-		36
Bromodichloromethane	115		-		65-135	-		56
trans-1,3-Dichloropropene	105		-		50-150	-		86
cis-1,3-Dichloropropene	110		-		25-175	-		58
Bromoform	110		-		70-130	-		42
1,1,2,2-Tetrachloroethane	100		-		60-140	-		61
Benzene	120		-		65-135	-		61
Toluene	110		-		70-130	-		41
Ethylbenzene	110		-		60-140	-		63
Chloromethane	70		-		1-205	-		60
Bromomethane	32		-		15-185	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

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: WG1265306-3								
Vinyl chloride	95		-		5-195	-		66
Chloroethane	80		-		40-160	-		78
1,1-Dichloroethene	115		-		50-150	-		32
trans-1,2-Dichloroethene	120		-		70-130	-		45
cis-1,2-Dichloroethene	105		-		60-140	-		30
Trichloroethene	120		-		65-135	-		48
1,2-Dichlorobenzene	100		-		65-135	-		57
1,3-Dichlorobenzene	100		-		70-130	-		43
1,4-Dichlorobenzene	100		-		65-135	-		57
p/m-Xylene	105		-		60-140	-		30
o-xylene	100		-		60-140	-		30
Styrene	100		-		60-140	-		30
Acetone	100		-		40-160	-		30
Carbon disulfide	105		-		60-140	-		30
2-Butanone	110		-		60-140	-		30
Vinyl acetate	105		-		60-140	-		30
4-Methyl-2-pentanone	108		-		60-140	-		30
2-Hexanone	106		-		60-140	-		30
Acrolein	100		-		60-140	-		30
Acrylonitrile	100		-		60-140	-		60
Methyl tert butyl ether	110		-		60-140	-		30
Dibromomethane	110		-		70-130	-		30
1,4-Dioxane[1]	115		-		60-140	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

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: WG1265306-3								
Tert-Butyl Alcohol	99		-		60-140	-		30
Tertiary-Amyl Methyl Ether	110		-		60-140	-		30
Dichlorodifluoromethane[1]	85		-		70-130	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	111				60-140
Fluorobenzene	115				60-140
4-Bromofluorobenzene	103				60-140

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932850
Report Date: 07/30/19

SAMPLE RESULTS

Lab ID: L1932850-01 D
Client ID: WW-02-190724-1500
Sample Location: ROME, NY

Date Collected: 07/24/19 15:00
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 07/28/19 01:52
Analyst: ALS

Extraction Method: EPA 625.1
Extraction Date: 07/26/19 08:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	77		ug/l	4.0	0.81	2
Benzidine[1]	ND		ug/l	40	24.	2
1,2,4-Trichlorobenzene	ND		ug/l	10	3.0	2
Hexachlorobenzene	ND		ug/l	4.0	1.9	2
Bis(2-chloroethyl)ether	ND		ug/l	4.0	1.2	2
2-Chloronaphthalene	ND		ug/l	4.0	0.64	2
3,3'-Dichlorobenzidine	ND		ug/l	10	0.91	2
2,4-Dinitrotoluene	ND		ug/l	10	1.3	2
2,6-Dinitrotoluene	ND		ug/l	10	1.3	2
Azobenzene[1]	ND		ug/l	4.0	1.8	2
Fluoranthene	13		ug/l	4.0	1.5	2
4-Chlorophenyl phenyl ether	ND		ug/l	4.0	0.74	2
4-Bromophenyl phenyl ether	ND		ug/l	4.0	0.89	2
Bis(2-chloroisopropyl)ether	ND		ug/l	4.0	1.6	2
Bis(2-chloroethoxy)methane	ND		ug/l	10	1.2	2
Hexachlorobutadiene	ND		ug/l	4.0	1.8	2
Hexachlorocyclopentadiene[1]	ND		ug/l	20	2.7	2
Hexachloroethane	ND		ug/l	4.0	1.9	2
Isophorone	ND		ug/l	10	1.1	2
Naphthalene	ND		ug/l	4.0	1.8	2
Nitrobenzene	ND		ug/l	4.0	1.6	2
NDPA/DPA[1]	ND		ug/l	4.0	1.6	2
n-Nitrosodi-n-propylamine	ND		ug/l	10	1.3	2
Bis(2-ethylhexyl)phthalate	ND		ug/l	4.4	3.4	2
Butyl benzyl phthalate	ND		ug/l	10	1.3	2
Di-n-butylphthalate	ND		ug/l	10	1.3	2
Di-n-octylphthalate	ND		ug/l	10	1.3	2
Diethyl phthalate	ND		ug/l	10	1.4	2

Project Name: LOT 3A IRM **Lab Number:** L1932850

Project Number: 127887-007 **Report Date:** 07/30/19

SAMPLE RESULTS

Lab ID: L1932850-01 D Date Collected: 07/24/19 15:00

Client ID: WW-02-190724-1500 Date Received: 07/24/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	10	2.8	2
Benzo(a)anthracene	ND		ug/l	4.0	1.3	2
Benzo(a)pyrene	ND		ug/l	4.0	1.2	2
Benzo(b)fluoranthene	ND		ug/l	4.0	1.5	2
Benzo(k)fluoranthene	ND		ug/l	4.0	1.5	2
Chrysene	ND		ug/l	4.0	1.3	2
Acenaphthylene	3.8	J	ug/l	4.0	1.9	2
Anthracene	8.8		ug/l	4.0	1.6	2
Benzo(ghi)perylene	ND		ug/l	4.0	1.3	2
Fluorene	52		ug/l	4.0	1.8	2
Phenanthrene	14		ug/l	4.0	1.6	2
Dibenzo(a,h)anthracene	ND		ug/l	4.0	1.4	2
Indeno(1,2,3-cd)pyrene	ND		ug/l	4.0	1.3	2
Pyrene	7.4		ug/l	4.0	1.4	2
4-Chloroaniline[1]	ND		ug/l	10	1.6	2
Dibenzofuran[1]	32		ug/l	4.0	0.75	2
2-Methylnaphthalene[1]	ND		ug/l	4.0	0.70	2
n-Nitrosodimethylamine[1]	ND		ug/l	4.0	0.81	2
2,4,6-Trichlorophenol	ND		ug/l	10	1.2	2
p-Chloro-m-cresol[1]	ND		ug/l	4.0	1.1	2
2-Chlorophenol	ND		ug/l	4.0	1.0	2
2,4-Dichlorophenol	ND		ug/l	10	1.1	2
2,4-Dimethylphenol	1.9	J	ug/l	10	1.7	2
2-Nitrophenol	ND		ug/l	10	1.2	2
4-Nitrophenol	ND		ug/l	20	1.7	2
2,4-Dinitrophenol	ND		ug/l	40	2.4	2
4,6-Dinitro-o-cresol	ND		ug/l	20	2.4	2
Pentachlorophenol	ND		ug/l	10	1.2	2
Phenol	2.6	J	ug/l	10	0.52	2
2-Methylphenol[1]	11		ug/l	10	1.5	2
3-Methylphenol/4-Methylphenol[1]	6.4	J	ug/l	10	1.0	2
2,4,5-Trichlorophenol[1]	ND		ug/l	10	1.3	2
Benzoic Acid[1]	ND		ug/l	100	2.3	2
Benzyl Alcohol[1]	1.3	J	ug/l	4.0	0.98	2

Project Name: LOT 3A IRM **Lab Number:** L1932850

Project Number: 127887-007 **Report Date:** 07/30/19

SAMPLE RESULTS

Lab ID: L1932850-01 D
Client ID: WW-02-190724-1500
Sample Location: ROME, NY

Date Collected: 07/24/19 15:00
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-87
Phenol-d6	30		16-65
Nitrobenzene-d5	74		42-122
2-Fluorobiphenyl	68		46-121
2,4,6-Tribromophenol	91		45-128
4-Terphenyl-d14	83		47-138

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/26/19 18:59
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 07/25/19 17:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1264628-1					
Acenaphthene	ND		ug/l	2.0	0.41
Benzidine[1]	ND		ug/l	20	12.
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.5
Hexachlorobenzene	ND		ug/l	2.0	0.95
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.60
2-Chloronaphthalene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.46
2,4-Dinitrotoluene	ND		ug/l	5.0	0.64
2,6-Dinitrotoluene	ND		ug/l	5.0	0.63
Azobenzene[1]	ND		ug/l	2.0	0.89
Fluoranthene	ND		ug/l	2.0	0.74
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.37
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.45
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.82
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.58
Hexachlorobutadiene	ND		ug/l	2.0	0.92
Hexachlorocyclopentadiene[1]	ND		ug/l	10	1.4
Hexachloroethane	ND		ug/l	2.0	0.97
Isophorone	ND		ug/l	5.0	0.55
Naphthalene	ND		ug/l	2.0	0.90
Nitrobenzene	ND		ug/l	2.0	0.79
NDPA/DPA[1]	ND		ug/l	2.0	0.78
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.63
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.2	1.7
Butyl benzyl phthalate	ND		ug/l	5.0	0.67
Di-n-butylphthalate	ND		ug/l	5.0	0.63
Di-n-octylphthalate	ND		ug/l	5.0	0.63
Diethyl phthalate	ND		ug/l	5.0	0.72
Dimethyl phthalate	ND		ug/l	5.0	1.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/26/19 18:59
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 07/25/19 17:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1264628-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.66
Benzo(a)pyrene	ND		ug/l	2.0	0.61
Benzo(b)fluoranthene	ND		ug/l	2.0	0.74
Benzo(k)fluoranthene	ND		ug/l	2.0	0.74
Chrysene	ND		ug/l	2.0	0.67
Acenaphthylene	ND		ug/l	2.0	0.93
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.67
Fluorene	ND		ug/l	2.0	0.93
Phenanthrene	ND		ug/l	2.0	0.82
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.69
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.63
Pyrene	ND		ug/l	2.0	0.73
4-Chloroaniline[1]	ND		ug/l	5.0	0.79
Dibenzofuran[1]	ND		ug/l	2.0	0.37
2-Methylnaphthalene[1]	ND		ug/l	2.0	0.35
n-Nitrosodimethylamine[1]	ND		ug/l	2.0	0.41
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol[1]	ND		ug/l	2.0	0.53
2-Chlorophenol	ND		ug/l	2.0	0.51
2,4-Dichlorophenol	ND		ug/l	5.0	0.55
2,4-Dimethylphenol	ND		ug/l	5.0	0.85
2-Nitrophenol	ND		ug/l	5.0	0.60
4-Nitrophenol	ND		ug/l	10	0.83
2,4-Dinitrophenol	ND		ug/l	20	1.2
4,6-Dinitro-o-cresol	ND		ug/l	10	1.2
Pentachlorophenol	ND		ug/l	5.0	0.62
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol[1]	ND		ug/l	5.0	0.77

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/26/19 18:59
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 07/25/19 17:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1264628-1					
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.0	0.51
2,4,5-Trichlorophenol[1]	ND		ug/l	5.0	0.64
Benzoic Acid[1]	ND		ug/l	50	1.2
Benzyl Alcohol[1]	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-87
Phenol-d6	39		16-65
Nitrobenzene-d5	87		42-122
2-Fluorobiphenyl	77		46-121
2,4,6-Tribromophenol	101		45-128
4-Terphenyl-d14	99		47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

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: WG1264628-3								
Acenaphthene	85		-		60-132	-		48
Benzidine[1]	11		-		0-70	-		30
1,2,4-Trichlorobenzene	70		-		57-130	-		50
Hexachlorobenzene	103		-		8-142	-		55
Bis(2-chloroethyl)ether	86		-		43-126	-		108
2-Chloronaphthalene	80		-		65-120	-		24
3,3'-Dichlorobenzidine	46		-		8-213	-		108
2,4-Dinitrotoluene	102		-		48-127	-		42
2,6-Dinitrotoluene	98		-		68-137	-		48
Azobenzene[1]	98		-		44-115	-		23
Fluoranthene	95		-		43-121	-		66
4-Chlorophenyl phenyl ether	85		-		38-145	-		61
4-Bromophenyl phenyl ether	96		-		65-120	-		43
Bis(2-chloroisopropyl)ether	87		-		63-139	-		76
Bis(2-chloroethoxy)methane	96		-		49-165	-		54
Hexachlorobutadiene	58		-		38-120	-		62
Hexachlorocyclopentadiene[1]	60		-		7-118	-		35
Hexachloroethane	63		-		55-120	-		52
Isophorone	99		-		47-180	-		93
Naphthalene	77		-		36-120	-		65
Nitrobenzene	88		-		54-158	-		62
NDPA/DPA[1]	92		-		45-112	-		36
n-Nitrosodi-n-propylamine	94		-		14-198	-		87

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

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: WG1264628-3								
Bis(2-ethylhexyl)phthalate	109		-		29-137	-		82
Butyl benzyl phthalate	112		-		1-140	-		60
Di-n-butylphthalate	107		-		8-120	-		47
Di-n-octylphthalate	109		-		19-132	-		69
Diethyl phthalate	97		-		1-120	-		100
Dimethyl phthalate	92		-		1-120	-		183
Benzo(a)anthracene	92		-		42-133	-		53
Benzo(a)pyrene	104		-		32-148	-		72
Benzo(b)fluoranthene	106		-		42-140	-		71
Benzo(k)fluoranthene	106		-		25-146	-		63
Chrysene	88		-		44-140	-		87
Acenaphthylene	88		-		54-126	-		74
Anthracene	90		-		43-120	-		66
Benzo(ghi)perylene	100		-		1-195	-		97
Fluorene	88		-		70-120	-		38
Phenanthrene	85		-		65-120	-		39
Dibenzo(a,h)anthracene	98		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	98		-		1-151	-		99
Pyrene	94		-		70-120	-		49
4-Chloroaniline[1]	77		-		10-100	-		53
Dibenzofuran[1]	83		-		23-126	-		22
2-Methylnaphthalene[1]	80		-		40-109	-		18
n-Nitrosodimethylamine[1]	51		-		15-68	-		17

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

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: WG1264628-3								
2,4,6-Trichlorophenol	90		-		52-129	-		58
p-Chloro-m-cresol[1]	101		-		68-130	-		73
2-Chlorophenol	87		-		36-120	-		61
2,4-Dichlorophenol	94		-		53-122	-		50
2,4-Dimethylphenol	95		-		42-120	-		58
2-Nitrophenol	96		-		45-167	-		55
4-Nitrophenol	77		-		13-129	-		131
2,4-Dinitrophenol	90		-		1-173	-		132
4,6-Dinitro-o-cresol	105		-		56-130	-		203
Pentachlorophenol	108		-		38-152	-		86
Phenol	46		-		17-120	-		64
2-Methylphenol[1]	87		-		38-102	-		23
3-Methylphenol/4-Methylphenol[1]	85		-		35-103	-		26
2,4,5-Trichlorophenol[1]	92		-		47-126	-		28
Benzoic Acid[1]	45		-		2-55	-		27
Benzyl Alcohol[1]	78		-		31-103	-		23

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932850

Report Date: 07/30/19

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: WG1264628-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62				25-87
Phenol-d6	47				16-65
Nitrobenzene-d5	92				42-122
2-Fluorobiphenyl	83				46-121
2,4,6-Tribromophenol	115				45-128
4-Terphenyl-d14	107				47-138

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932850
Report Date: 07/30/19

SAMPLE RESULTS

Lab ID: L1932850-01
Client ID: WW-02-190724-1500
Sample Location: ROME, NY
Date Collected: 07/24/19 15:00
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.00118	J	mg/l	0.00400	0.00042	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00222		mg/l	0.00050	0.00016	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Chromium, Total	0.00042	J	mg/l	0.00100	0.00017	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Copper, Total	0.00219		mg/l	0.00100	0.00038	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Lead, Total	0.00098	J	mg/l	0.00100	0.00034	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Nickel, Total	0.01110		mg/l	0.00200	0.00055	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Selenium, Total	0.00192	J	mg/l	0.00500	0.00173	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Zinc, Total	0.01543		mg/l	0.01000	0.00341	1	07/26/19 10:27	07/26/19 21:03	EPA 3005A	1,6020B	AM
Low-Level Mercury - Mansfield Lab											
Mercury, Total	0.0025		ug/l	0.0005	0.0001	1	07/26/19 14:10	07/27/19 13:13	EPA 1631E	82,1631E	BV

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932850
Report Date: 07/30/19

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: WG1264887-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/26/19 10:27	07/26/19 19:42	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Low-Level Mercury - Mansfield Lab for sample(s): 01 Batch: WG1265060-1										
Mercury, Total	0.0002	J	ug/l	0.0005	0.0001	1	07/26/19 14:10	07/27/19 11:07	82,1631E	BV

Prep Information

Digestion Method: EPA 1631E

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1264887-2								
Antimony, Total	84		-		80-120	-		
Arsenic, Total	108		-		80-120	-		
Beryllium, Total	111		-		80-120	-		
Cadmium, Total	114		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Copper, Total	103		-		80-120	-		
Lead, Total	112		-		80-120	-		
Nickel, Total	110		-		80-120	-		
Selenium, Total	112		-		80-120	-		
Silver, Total	108		-		80-120	-		
Thallium, Total	110		-		80-120	-		
Zinc, Total	114		-		80-120	-		
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 Batch: WG1265060-2 SRM Lot Number: HG-LOW								
Mercury, Total	97		-		77-123	-		24

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

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 QC Batch ID: WG1264887-3 WG1264887-4 QC Sample: L1932554-02 Client ID: MS Sample												
Antimony, Total	0.00204J	0.5	0.4433	89		0.4919	98		75-125	10		20
Arsenic, Total	ND	0.12	0.1324	110		0.1411	118		75-125	6		20
Beryllium, Total	ND	0.05	0.05623	112		0.05898	118		75-125	5		20
Cadmium, Total	ND	0.051	0.05734	112		0.06189	121		75-125	8		20
Chromium, Total	0.00024J	0.2	0.2093	105		0.2337	117		75-125	11		20
Copper, Total	0.00064J	0.25	0.2579	103		0.2760	110		75-125	7		20
Lead, Total	ND	0.51	0.5489	108		0.6036	118		75-125	9		20
Nickel, Total	0.00069J	0.5	0.5130	103		0.5657	113		75-125	10		20
Selenium, Total	ND	0.12	0.129	108		0.139	116		75-125	7		20
Silver, Total	ND	0.05	0.05181	104		0.05546	111		75-125	7		20
Thallium, Total	ND	0.12	0.1266	106		0.1394	116		75-125	10		20
Zinc, Total	ND	0.5	0.5471	109		0.6027	120		75-125	10		20
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1265060-3 WG1265060-4 QC Sample: L1931546-03 Client ID: MS Sample												
Mercury, Total	0.0024	0.005	0.0066	85		0.0069	91		71-125	5		24
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1265060-5 WG1265060-6 QC Sample: L1931644-01 Client ID: MS Sample												
Mercury, Total	0.0086	0.005	0.0135	98		0.0137	102		71-125	1		24

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

SAMPLE RESULTS

Lab ID: L1932850-01
Client ID: WW-02-190724-1500
Sample Location: ROME, NY

Date Collected: 07/24/19 15:00
Date Received: 07/24/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	14.		mg/l	5.0	NA	1	-	07/26/19 13:30	121,2540D	DR
pH (H)	7.6		SU	-	NA	1	-	07/25/19 17:10	121,4500H+-B	AS

Project Name: LOT 3A IRM **Lab Number:** L1932850

Project Number: 127887-007 **Report Date:** 07/30/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1264846-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	07/26/19 13:30	121,2540D	DR

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932850

Report Date: 07/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1264609-1								
pH	100		-		99-101	-		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932850

Report Date: 07/30/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1264609-2 QC Sample: L1932740-01 Client ID: DUP Sample						
pH	8.2	8.1	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1264846-2 QC Sample: L1933064-01 Client ID: DUP Sample						
Solids, Total Suspended	120	150	mg/l	22		29

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932850
Report Date: 07/30/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1932850-01A	Vial Na2S2O3 preserved	A	NA		5.3	Y	Absent		624.1(3)
L1932850-01B	Vial Na2S2O3 preserved	A	NA		5.3	Y	Absent		624.1(3)
L1932850-01C	Vial Na2S2O3 preserved	A	NA		5.3	Y	Absent		624.1(3)
L1932850-01D	Teflon 250ml HCl preserved	A	<2	<2	5.3	Y	Absent		A2-HG-1631(28)
L1932850-01E	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180)
L1932850-01F	Plastic 60ml unpreserved	A	7	7	5.3	Y	Absent		PH-4500(.01)
L1932850-01G	Plastic 950ml unpreserved	A	7	7	5.3	Y	Absent		TSS-2540(7)
L1932850-01H	Amber 1000ml Na2S2O3	A	7	7	5.3	Y	Absent		625.1(7)
L1932850-01I	Amber 1000ml Na2S2O3	A	7	7	5.3	Y	Absent		625.1(7)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1932850
Project Number:	127887-007	**Report Date:**	07/30/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1932850
Project Number:	127887-007	**Report Date:**	07/30/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1932850
Project Number: 127887-007 **Report Date:** 07/30/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

82 Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry. USEPA Office of Water, EPA Method 1631 Revision E, EPA-821-R-02-019, August 2002.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 7/25/19

ALPHA Job #: L1932850

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TTO (VOCs) - 624	TTO (SVOCs) - 625	Metals (PPL)	Metals (Hg) - 1631	pH	TSS			Sample Specific Comments	Total Bottles
32850 -01	WW-02-190724-1500	7/24/2019	15:00	H2O	PAF	N/A	X	X	X	X	X	X				9
Container Type							V	A	P	O	P	P				
Preservative							H	H	C	B	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
	7/24/19 16:10	AAL	7/24/19 16:10
	7/24/19 16:10		7/25/19 0810

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

13 August 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Discharge of groundwater to City of Rome WPCF

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), is notifying the New York State Department of Environmental Conservation (NYSDEC) of the discharge of groundwater generated during Interim Remedial Measures (IRM) to the City of Rome sanitary sewer. Collected groundwater will be discharged directly to a sewer manhole, pursuant to the IRM Work Plan dated 10 August 2018, and in accordance with Industrial Discharge Permit HAL-1920 ("Permit HAL-1920") issued by the City of Rome Water Pollution Control Facility (WPCF), dated 1 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination. Pursuant to correspondence between NYSDEC and the Multistate Trust, dated 31 July 2019, water generated at the Site has been granted a generic "Contained-In" determination, applicable only if collected water is delivered to the Rome WPCF and meets Rome WPCF discharge conditions.

In accordance with Rome WPCF Permit HAL-1920, a water sample representative of the water to be discharged to the sanitary sewer, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your files. The sample is identified as:

- WW-03-190801-1330 (Laboratory Sample ID L1934330-01)

The analytical data meet the Rome WPCF discharge conditions outlined in Permit HAL-1920, and pursuant to the Permit and previously issued Generic "Contained-In" determination, will be discharged to the City of Rome sanitary sewer. Groundwater generated during subsequent IRM activities will be discharged as required to the sanitary sewer under the Generic Contained-In determination, and will be sampled and analyzed in accordance with the sampling requirements defined in the WPCF Permit HAL-1920 or otherwise modified by the Rome WPCF.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Wastewater\WW-03\ww_notice_of_discharge_190813.docx

ANALYTICAL REPORT

Lab Number:	L1934330
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/13/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1934330-01	WW-03-190801-1330	WATER	ROME, NY	08/01/19 13:30	08/01/19
L1934330-02	1234-190801-0001	WATER	ROME, NY	08/01/19 13:30	08/01/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1934330
Project Number:	127887-007	**Report Date:**	08/13/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1934330
Project Number:	127887-007	**Report Date:**	08/13/19

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

L1934330-02 (1234-190801-0001): At the client's request, the Volatile Organics analysis was performed.

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 Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/13/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934330
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-01
Client ID: WW-03-190801-1330
Sample Location: ROME, NY

Date Collected: 08/01/19 13:30
Date Received: 08/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 08/02/19 17:21
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	0.34	J	ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934330
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-01
Client ID: WW-03-190801-1330
Sample Location: ROME, NY
Date Collected: 08/01/19 13:30
Date Received: 08/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	0.36	J	ug/l	2.0	0.30	1
o-xylene	0.35	J	ug/l	1.0	0.34	1
Xylenes, Total	0.71	J	ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	93		60-140
Fluorobenzene	92		60-140
4-Bromofluorobenzene	104		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934330
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-02
Client ID: 1234-190801-0001
Sample Location: ROME, NY

Date Collected: 08/01/19 13:30
Date Received: 08/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 08/06/19 11:21
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	1.4	J	ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: LOT 3A IRM **Lab Number:** L1934330

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-02 Date Collected: 08/01/19 13:30

Client ID: 1234-190801-0001 Date Received: 08/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	102		60-140
Fluorobenzene	103		60-140
4-Bromofluorobenzene	108		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/02/19 10:26
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1268779-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	2.7	J	ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: LOT 3A IRM **Lab Number:** L1934330

Project Number: 127887-007 **Report Date:** 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/02/19 10:26
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1268779-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
n-Hexane[1]	ND		ug/l	20	0.17
Methyl tert butyl ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23
1,4-Dioxane[1]	ND		ug/l	2000	30.
Tert-Butyl Alcohol	ND		ug/l	100	3.9
Tertiary-Amyl Methyl Ether	ND		ug/l	20	0.28
Dichlorodifluoromethane[1]	ND		ug/l	1.0	0.32

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	90		60-140
Fluorobenzene	90		60-140
4-Bromofluorobenzene	105		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/06/19 10:46
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1269123-8					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	2.0	J	ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/06/19 10:46
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1269123-8					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
n-Hexane[1]	ND		ug/l	20	0.17
Methyl tert butyl ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23
1,4-Dioxane[1]	ND		ug/l	2000	30.
Tert-Butyl Alcohol	ND		ug/l	100	3.9
Tertiary-Amyl Methyl Ether	ND		ug/l	20	0.28
Dichlorodifluoromethane[1]	ND		ug/l	1.0	0.32

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	100		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	105		60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

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: WG1268779-3								
Methylene chloride	80		-		60-140	-		28
1,1-Dichloroethane	75		-		50-150	-		49
Chloroform	85		-		70-135	-		54
Carbon tetrachloride	90		-		70-130	-		41
1,2-Dichloropropane	85		-		35-165	-		55
Dibromochloromethane	85		-		70-135	-		50
1,1,2-Trichloroethane	85		-		70-130	-		45
2-Chloroethylvinyl ether	80		-		1-225	-		71
Tetrachloroethene	85		-		70-130	-		39
Chlorobenzene	90		-		65-135	-		53
Trichlorofluoromethane	85		-		50-150	-		84
1,2-Dichloroethane	85		-		70-130	-		49
1,1,1-Trichloroethane	90		-		70-130	-		36
Bromodichloromethane	90		-		65-135	-		56
trans-1,3-Dichloropropene	85		-		50-150	-		86
cis-1,3-Dichloropropene	95		-		25-175	-		58
Bromoform	80		-		70-130	-		42
1,1,2,2-Tetrachloroethane	90		-		60-140	-		61
Benzene	85		-		65-135	-		61
Toluene	90		-		70-130	-		41
Ethylbenzene	95		-		60-140	-		63
Chloromethane	85		-		1-205	-		60
Bromomethane	75		-		15-185	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

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: WG1268779-3								
Vinyl chloride	70		-		5-195	-		66
Chloroethane	80		-		40-160	-		78
1,1-Dichloroethene	95		-		50-150	-		32
trans-1,2-Dichloroethene	90		-		70-130	-		45
cis-1,2-Dichloroethene	80		-		60-140	-		30
Trichloroethene	85		-		65-135	-		48
1,2-Dichlorobenzene	95		-		65-135	-		57
1,3-Dichlorobenzene	90		-		70-130	-		43
1,4-Dichlorobenzene	90		-		65-135	-		57
p/m-Xylene	92		-		60-140	-		30
o-xylene	85		-		60-140	-		30
Styrene	85		-		60-140	-		30
Acetone	78		-		40-160	-		30
Carbon disulfide	70		-		60-140	-		30
2-Butanone	74		-		60-140	-		30
Vinyl acetate	65		-		60-140	-		30
4-Methyl-2-pentanone	78		-		60-140	-		30
2-Hexanone	74		-		60-140	-		30
Acrolein	60		-		60-140	-		30
Acrylonitrile	65		-		60-140	-		60
Methyl tert butyl ether	70		-		60-140	-		30
Dibromomethane	100		-		70-130	-		30
1,4-Dioxane[1]	70		-		60-140	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934330

Report Date: 08/13/19

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: WG1268779-3								
Tert-Butyl Alcohol	81		-		60-140	-		30
Tertiary-Amyl Methyl Ether	70		-		60-140	-		30
Dichlorodifluoromethane[1]	75		-		70-130	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	94				60-140
Fluorobenzene	99				60-140
4-Bromofluorobenzene	104				60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1269123-7								
Methylene chloride	90		-		60-140	-		28
1,1-Dichloroethane	95		-		50-150	-		49
Chloroform	115		-		70-135	-		54
Carbon tetrachloride	115		-		70-130	-		41
1,2-Dichloropropane	110		-		35-165	-		55
Dibromochloromethane	95		-		70-135	-		50
1,1,2-Trichloroethane	90		-		70-130	-		45
2-Chloroethylvinyl ether	85		-		1-225	-		71
Tetrachloroethene	90		-		70-130	-		39
Chlorobenzene	90		-		65-135	-		53
Trichlorofluoromethane	115		-		50-150	-		84
1,2-Dichloroethane	105		-		70-130	-		49
1,1,1-Trichloroethane	120		-		70-130	-		36
Bromodichloromethane	100		-		65-135	-		56
trans-1,3-Dichloropropene	95		-		50-150	-		86
cis-1,3-Dichloropropene	105		-		25-175	-		58
Bromoform	85		-		70-130	-		42
1,1,2,2-Tetrachloroethane	95		-		60-140	-		61
Benzene	110		-		65-135	-		61
Toluene	100		-		70-130	-		41
Ethylbenzene	100		-		60-140	-		63
Chloromethane	125		-		1-205	-		60
Bromomethane	110		-		15-185	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1269123-7								
Vinyl chloride	110		-		5-195	-		66
Chloroethane	110		-		40-160	-		78
1,1-Dichloroethene	130		-		50-150	-		32
trans-1,2-Dichloroethene	105		-		70-130	-		45
cis-1,2-Dichloroethene	110		-		60-140	-		30
Trichloroethene	105		-		65-135	-		48
1,2-Dichlorobenzene	100		-		65-135	-		57
1,3-Dichlorobenzene	90		-		70-130	-		43
1,4-Dichlorobenzene	95		-		65-135	-		57
p/m-Xylene	95		-		60-140	-		30
o-xylene	90		-		60-140	-		30
Styrene	95		-		60-140	-		30
Acetone	90		-		40-160	-		30
Carbon disulfide	100		-		60-140	-		30
2-Butanone	74		-		60-140	-		30
Vinyl acetate	65		-		60-140	-		30
4-Methyl-2-pentanone	82		-		60-140	-		30
2-Hexanone	78		-		60-140	-		30
Acrolein	72		-		60-140	-		30
Acrylonitrile	72		-		60-140	-		60
Methyl tert butyl ether	75		-		60-140	-		30
Dibromomethane	120		-		70-130	-		30
1,4-Dioxane[1]	90		-		60-140	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1269123-7								
Tert-Butyl Alcohol	98		-		60-140	-		30
Tertiary-Amyl Methyl Ether	90		-		60-140	-		30
Dichlorodifluoromethane[1]	**140**	Q	-		70-130	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	101				60-140
Fluorobenzene	101				60-140
4-Bromofluorobenzene	105				60-140

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-01
Client ID: WW-03-190801-1330
Sample Location: ROME, NY

Date Collected: 08/01/19 13:30
Date Received: 08/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 08/09/19 16:02
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/06/19 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22		ug/l	2.0	0.41	1
Benzidine[1]	ND		ug/l	20	12.	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.5	1
Hexachlorobenzene	ND		ug/l	2.0	0.95	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.60	1
2-Chloronaphthalene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.46	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.64	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.63	1
Azobenzene[1]	ND		ug/l	2.0	0.89	1
Fluoranthene	7.0		ug/l	2.0	0.74	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.37	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.45	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.82	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.58	1
Hexachlorobutadiene	ND		ug/l	2.0	0.92	1
Hexachlorocyclopentadiene[1]	ND		ug/l	10	1.4	1
Hexachloroethane	ND		ug/l	2.0	0.97	1
Isophorone	ND		ug/l	5.0	0.55	1
Naphthalene	ND		ug/l	2.0	0.90	1
Nitrobenzene	ND		ug/l	2.0	0.79	1
NDPA/DPA[1]	ND		ug/l	2.0	0.78	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.63	1
Bis(2-ethylhexyl)phthalate	1.9	J	ug/l	2.2	1.7	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.67	1
Di-n-butylphthalate	ND		ug/l	5.0	0.63	1
Di-n-octylphthalate	ND		ug/l	5.0	0.63	1
Diethyl phthalate	ND		ug/l	5.0	0.72	1

Project Name: LOT 3A IRM **Lab Number:** L1934330

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-01 Date Collected: 08/01/19 13:30

Client ID: WW-03-190801-1330 Date Received: 08/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.0	1.4	1
Benzo(a)anthracene	0.86	J	ug/l	2.0	0.66	1
Benzo(a)pyrene	ND		ug/l	2.0	0.61	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.74	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.74	1
Chrysene	ND		ug/l	2.0	0.67	1
Acenaphthylene	4.4		ug/l	2.0	0.93	1
Anthracene	ND		ug/l	2.0	0.79	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.67	1
Fluorene	2.5		ug/l	2.0	0.93	1
Phenanthrene	ND		ug/l	2.0	0.82	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.69	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.63	1
Pyrene	1.6	J	ug/l	2.0	0.73	1
4-Chloroaniline[1]	ND		ug/l	5.0	0.79	1
Dibenzofuran[1]	1.7	J	ug/l	2.0	0.37	1
2-Methylnaphthalene[1]	ND		ug/l	2.0	0.35	1
n-Nitrosodimethylamine[1]	ND		ug/l	2.0	0.41	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol[1]	ND		ug/l	2.0	0.53	1
2-Chlorophenol	ND		ug/l	2.0	0.51	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.55	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.85	1
2-Nitrophenol	ND		ug/l	5.0	0.60	1
4-Nitrophenol	ND		ug/l	10	0.83	1
2,4-Dinitrophenol	ND		ug/l	20	1.2	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.2	1
Pentachlorophenol	ND		ug/l	5.0	0.62	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol[1]	ND		ug/l	5.0	0.77	1
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.0	0.51	1
2,4,5-Trichlorophenol[1]	ND		ug/l	5.0	0.64	1
Benzoic Acid[1]	ND		ug/l	50	1.2	1
Benzyl Alcohol[1]	ND		ug/l	2.0	0.49	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934330
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-01
Client ID: WW-03-190801-1330
Sample Location: ROME, NY

Date Collected: 08/01/19 13:30
Date Received: 08/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-87
Phenol-d6	34		16-65
Nitrobenzene-d5	67		42-122
2-Fluorobiphenyl	62		46-121
2,4,6-Tribromophenol	92		45-128
4-Terphenyl-d14	86		47-138

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/07/19 11:56
Analyst: CB

Extraction Method: EPA 625.1
Extraction Date: 08/06/19 02:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1268891-1					
Acenaphthene	ND		ug/l	2.0	0.41
Benzidine[1]	ND		ug/l	20	12.
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.5
Hexachlorobenzene	ND		ug/l	2.0	0.95
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.60
2-Chloronaphthalene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.46
2,4-Dinitrotoluene	ND		ug/l	5.0	0.64
2,6-Dinitrotoluene	ND		ug/l	5.0	0.63
Azobenzene[1]	ND		ug/l	2.0	0.89
Fluoranthene	ND		ug/l	2.0	0.74
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.37
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.45
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.82
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.58
Hexachlorobutadiene	ND		ug/l	2.0	0.92
Hexachlorocyclopentadiene[1]	ND		ug/l	10	1.4
Hexachloroethane	ND		ug/l	2.0	0.97
Isophorone	ND		ug/l	5.0	0.55
Naphthalene	ND		ug/l	2.0	0.90
Nitrobenzene	ND		ug/l	2.0	0.79
NDPA/DPA[1]	ND		ug/l	2.0	0.78
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.63
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.2	1.7
Butyl benzyl phthalate	ND		ug/l	5.0	0.67
Di-n-butylphthalate	ND		ug/l	5.0	0.63
Di-n-octylphthalate	ND		ug/l	5.0	0.63
Diethyl phthalate	ND		ug/l	5.0	0.72
Dimethyl phthalate	ND		ug/l	5.0	1.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/07/19 11:56
Analyst: CB

Extraction Method: EPA 625.1
Extraction Date: 08/06/19 02:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1268891-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.66
Benzo(a)pyrene	ND		ug/l	2.0	0.61
Benzo(b)fluoranthene	ND		ug/l	2.0	0.74
Benzo(k)fluoranthene	ND		ug/l	2.0	0.74
Chrysene	ND		ug/l	2.0	0.67
Acenaphthylene	ND		ug/l	2.0	0.93
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.67
Fluorene	ND		ug/l	2.0	0.93
Phenanthrene	ND		ug/l	2.0	0.82
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.69
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.63
Pyrene	ND		ug/l	2.0	0.73
4-Chloroaniline[1]	ND		ug/l	5.0	0.79
Dibenzofuran[1]	ND		ug/l	2.0	0.37
2-Methylnaphthalene[1]	ND		ug/l	2.0	0.35
n-Nitrosodimethylamine[1]	ND		ug/l	2.0	0.41
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol[1]	ND		ug/l	2.0	0.53
2-Chlorophenol	ND		ug/l	2.0	0.51
2,4-Dichlorophenol	ND		ug/l	5.0	0.55
2,4-Dimethylphenol	ND		ug/l	5.0	0.85
2-Nitrophenol	ND		ug/l	5.0	0.60
4-Nitrophenol	ND		ug/l	10	0.83
2,4-Dinitrophenol	ND		ug/l	20	1.2
4,6-Dinitro-o-cresol	ND		ug/l	10	1.2
Pentachlorophenol	ND		ug/l	5.0	0.62
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol[1]	ND		ug/l	5.0	0.77

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/07/19 11:56
Analyst: CB

Extraction Method: EPA 625.1
Extraction Date: 08/06/19 02:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1268891-1					
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.0	0.51
2,4,5-Trichlorophenol[1]	ND		ug/l	5.0	0.64
Benzoic Acid[1]	ND		ug/l	50	1.2
Benzyl Alcohol[1]	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-87
Phenol-d6	49		16-65
Nitrobenzene-d5	98		42-122
2-Fluorobiphenyl	81		46-121
2,4,6-Tribromophenol	92		45-128
4-Terphenyl-d14	101		47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

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: WG1268891-2								
Acenaphthene	71		-		60-132	-		48
Benzidine[1]	24		-		0-70	-		30
1,2,4-Trichlorobenzene	59		-		57-130	-		50
Hexachlorobenzene	83		-		8-142	-		55
Bis(2-chloroethyl)ether	71		-		43-126	-		108
2-Chloronaphthalene	70		-		65-120	-		24
3,3'-Dichlorobenzidine	36		-		8-213	-		108
2,4-Dinitrotoluene	85		-		48-127	-		42
2,6-Dinitrotoluene	85		-		68-137	-		48
Azobenzene[1]	88		-		44-115	-		23
Fluoranthene	79		-		43-121	-		66
4-Chlorophenyl phenyl ether	70		-		38-145	-		61
4-Bromophenyl phenyl ether	76		-		65-120	-		43
Bis(2-chloroisopropyl)ether	79		-		63-139	-		76
Bis(2-chloroethoxy)methane	88		-		49-165	-		54
Hexachlorobutadiene	44		-		38-120	-		62
Hexachlorocyclopentadiene[1]	43		-		7-118	-		35
Hexachloroethane	60		-		55-120	-		52
Isophorone	93		-		47-180	-		93
Naphthalene	62		-		36-120	-		65
Nitrobenzene	78		-		54-158	-		62
NDPA/DPA[1]	77		-		45-112	-		36
n-Nitrosodi-n-propylamine	88		-		14-198	-		87

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

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: WG1268891-2								
Bis(2-ethylhexyl)phthalate	93		-		29-137	-		82
Butyl benzyl phthalate	94		-		1-140	-		60
Di-n-butylphthalate	91		-		8-120	-		47
Di-n-octylphthalate	92		-		19-132	-		69
Diethyl phthalate	84		-		1-120	-		100
Dimethyl phthalate	80		-		1-120	-		183
Benzo(a)anthracene	79		-		42-133	-		53
Benzo(a)pyrene	85		-		32-148	-		72
Benzo(b)fluoranthene	86		-		42-140	-		71
Benzo(k)fluoranthene	86		-		25-146	-		63
Chrysene	73		-		44-140	-		87
Acenaphthylene	76		-		54-126	-		74
Anthracene	77		-		43-120	-		66
Benzo(ghi)perylene	84		-		1-195	-		97
Fluorene	74		-		70-120	-		38
Phenanthrene	73		-		65-120	-		39
Dibenzo(a,h)anthracene	83		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	81		-		1-151	-		99
Pyrene	79		-		70-120	-		49
4-Chloroaniline[1]	70		-		10-100	-		53
Dibenzofuran[1]	71		-		23-126	-		22
2-Methylnaphthalene[1]	68		-		40-109	-		18
n-Nitrosodimethylamine[1]	47		-		15-68	-		17

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

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: WG1268891-2								
2,4,6-Trichlorophenol	76		-		52-129	-		58
p-Chloro-m-cresol[1]	90		-		68-130	-		73
2-Chlorophenol	71		-		36-120	-		61
2,4-Dichlorophenol	84		-		53-122	-		50
2,4-Dimethylphenol	92		-		42-120	-		58
2-Nitrophenol	84		-		45-167	-		55
4-Nitrophenol	75		-		13-129	-		131
2,4-Dinitrophenol	68		-		1-173	-		132
4,6-Dinitro-o-cresol	85		-		56-130	-		203
Pentachlorophenol	80		-		38-152	-		86
Phenol	45		-		17-120	-		64
2-Methylphenol[1]	80		-		38-102	-		23
3-Methylphenol/4-Methylphenol[1]	88		-		35-103	-		26
2,4,5-Trichlorophenol[1]	79		-		47-126	-		28
Benzoic Acid[1]	33		-		2-55	-		27
Benzyl Alcohol[1]	69		-		31-103	-		23

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

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: WG1268891-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52				25-87
Phenol-d6	44				16-65
Nitrobenzene-d5	77				42-122
2-Fluorobiphenyl	67				46-121
2,4,6-Tribromophenol	85				45-128
4-Terphenyl-d14	81				47-138

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934330
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-01
Client ID: WW-03-190801-1330
Sample Location: ROME, NY
Date Collected: 08/01/19 13:30
Date Received: 08/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.00131	J	mg/l	0.00400	0.00042	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00403		mg/l	0.00050	0.00016	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Chromium, Total	0.00037	J	mg/l	0.00100	0.00017	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Copper, Total	0.01296		mg/l	0.00100	0.00038	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Lead, Total	0.00050	J	mg/l	0.00100	0.00034	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Nickel, Total	0.00601		mg/l	0.00200	0.00055	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Selenium, Total	0.00244	J	mg/l	0.00500	0.00173	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Thallium, Total	0.00015	J	mg/l	0.00050	0.00014	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Zinc, Total	0.02257		mg/l	0.01000	0.00341	1	08/02/19 20:00	08/05/19 23:10	EPA 3005A	1,6020B	AM
Low-Level Mercury - Mansfield Lab											
Mercury, Total	0.0205		ug/l	0.0050	0.0019	10	08/03/19 18:17	08/08/19 16:38	EPA 1631E	82,1631E	BV

Project Name: LOT 3A IRM **Lab Number:** L1934330

Project Number: 127887-007 **Report Date:** 08/13/19

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: WG1268020-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/02/19 20:00	08/05/19 22:15	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Low-Level Mercury - Mansfield Lab for sample(s): 01 Batch: WG1270236-1										
Mercury, Total	0.0002	J	ug/l	0.0005	0.0001	1	08/01/19 17:01	08/08/19 16:23	82,1631E	BV

Prep Information

Digestion Method: EPA 1631E

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1268020-2								
Antimony, Total	85		-		80-120	-		
Arsenic, Total	103		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Copper, Total	95		-		80-120	-		
Lead, Total	105		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	97		-		80-120	-		
Thallium, Total	101		-		80-120	-		
Zinc, Total	105		-		80-120	-		
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 Batch: WG1270236-2 SRM Lot Number: HG-LOW								
Mercury, Total	101		-		77-123	-		24

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

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 QC Batch ID: WG1268020-3 QC Sample: L1934455-02 Client ID: MS Sample												
Antimony, Total	0.00055J	0.5	0.4874	97		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.1240	103		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.04923	98		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.05316	104		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.2043	102		-	-		75-125	-		20
Copper, Total	0.00039J	0.25	0.2400	96		-	-		75-125	-		20
Lead, Total	ND	0.51	0.5466	107		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.4847	97		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.0816	**68**	Q	-	-		75-125	-		20
Silver, Total	ND	0.05	0.02027	**40**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1248	104		-	-		75-125	-		20
Zinc, Total	0.02791	0.5	0.5601	106		-	-		75-125	-		20
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1270236-3 WG1270236-4 QC Sample: L1933230-01 Client ID: MS Sample												
Mercury, Total	0.0016	0.005	0.0059	87		0.0057	83		71-125	4		24

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934330

Report Date: 08/13/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1268020-4 QC Sample: L1934455-02 Client ID: DUP Sample						
Antimony, Total	0.00055J	0.00161J	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Copper, Total	0.00039J	0.00057J	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Nickel, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	0.00025J	mg/l	NC		20
Zinc, Total	0.02791	0.02784	mg/l	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1934330-01
Client ID: WW-03-190801-1330
Sample Location: ROME, NY

Date Collected: 08/01/19 13:30
Date Received: 08/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	15.		mg/l	5.0	NA	1	-	08/02/19 12:55	121,2540D	DR
pH (H)	7.4		SU	-	NA	1	-	08/02/19 17:53	121,4500H+-B	AS

Project Name: LOT 3A IRM **Lab Number:** L1934330

Project Number: 127887-007 **Report Date:** 08/13/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1267800-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	08/02/19 12:55	121,2540D	DR

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934330

Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1268047-1								
pH	101		-		99-101	-		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934330

Report Date: 08/13/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1267800-2 QC Sample: L1934386-01 Client ID: DUP Sample						
Solids, Total Suspended	63.	61	mg/l	3		29
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1268047-2 QC Sample: L1934193-01 Client ID: DUP Sample						
pH	7.9	7.8	SU	1		5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934330
Report Date: 08/13/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1934330-01A	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)
L1934330-01B	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)
L1934330-01C	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)
L1934330-01D	Plastic 120ml unpreserved	A	7	7	3.1	Y	Absent		PH-4500(.01)
L1934330-01E	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180)
L1934330-01F	Plastic 950ml unpreserved	A	7	7	3.1	Y	Absent		A2-HG-1631(28)
L1934330-01G	Plastic 950ml unpreserved	A	7	7	3.1	Y	Absent		TSS-2540(7)
L1934330-01H	Amber 1000ml Na2S2O3	A	7	7	3.1	Y	Absent		625.1(7)
L1934330-01I	Amber 1000ml Na2S2O3	A	7	7	3.1	Y	Absent		625.1(7)
L1934330-02A	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)
L1934330-02B	Vial Na2S2O3 preserved	A	NA		3.1	Y	Absent		624.1(3)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1934330
Project Number:	127887-007	**Report Date:**	08/13/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1934330
Project Number:	127887-007	**Report Date:**	08/13/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1934330
Project Number: 127887-007 **Report Date:** 08/13/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

82 Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry. USEPA Office of Water, EPA Method 1631 Revision E, EPA-821-R-02-019, August 2002.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/2/19

ALPHA Job #: L1934330

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #)	☐
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client:	H&A of New York
H&A Address:	200 Town Centre Dr. Ste. 2
Rochester, NY 14623	
H&A Phone:	585-321-4219
H&A Fax:	
H&A Email:	cmondello&haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TTO (VOCs) - 624	TTO (SVOCs) - 625	Metals (PPL)	Metals (Hg) - 1631	pH	TSS			Sample Specific Comments	Total Bottles
34330 -01	WW-03-190801-1330	8/1/2019	13:30	H2O	PF	N/A	X	X	X	X	X	X				9
-02	1234-190801-0001	8/1/2019	13:30	H	PF	N/A									TB	2

Container Type	V	A	P	O	P	P		
Preservative	H	H	C	B	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FM CK	8/1/19 15:25		8/1/19 1525
	8/1/19 1525		8/1/19 0145

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

20 August 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Discharge of groundwater to City of Rome WPCF

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), is notifying the New York State Department of Environmental Conservation (NYSDEC) of the discharge of groundwater generated during Interim Remedial Measures (IRM) to the City of Rome sanitary sewer. Collected groundwater will be discharged directly to a sewer manhole, pursuant to the IRM Work Plan dated 10 August 2018, and in accordance with Industrial Discharge Permit HAL-1920 ("Permit HAL-1920") issued by the City of Rome Water Pollution Control Facility (WPCF), dated 1 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination. Pursuant to correspondence between NYSDEC and the Multistate Trust, dated 31 July 2019, water generated at the Site has been granted a generic "Contained-In" determination, applicable only if collected water is delivered to the Rome WPCF and meets Rome WPCF discharge conditions.

In accordance with Rome WPCF Permit HAL-1920, a water sample representative of the water to be discharged to the sanitary sewer, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your files. The sample is identified as:

- WW-4-1908012-0800 (Laboratory Sample ID L1936131-01)

The analytical data meet the Rome WPCF discharge conditions outlined in Permit HAL-1920, and pursuant to the Permit and previously issued Generic "Contained-In" determination, will be discharged to the City of Rome sanitary sewer. Groundwater generated during subsequent IRM activities will be discharged as required to the sanitary sewer under the Generic Contained-In determination, and will be sampled and analyzed in accordance with the sampling requirements defined in the WPCF Permit HAL-1920 or otherwise modified by the Rome WPCF.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Wastewater\WW-4\ww_notice_of_discharge_190820.docx

ANALYTICAL REPORT

Lab Number:	L1936131
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/16/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1936131-01	WW-4-190812-0800	WATER	ROME, NY	08/12/19 08:00	08/12/19
L1936131-02	1234-190812-0001	WATER	ROME, NY	08/12/19 08:00	08/12/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1936131
Project Number:	127887-007	**Report Date:**	08/16/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1936131
Project Number:	127887-007	**Report Date:**	08/16/19

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: Kelly Stenstrom

Title: Technical Director/Representative

Date: 08/16/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1936131
Report Date: 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-01
Client ID: WW-4-190812-0800
Sample Location: ROME, NY

Date Collected: 08/12/19 08:00
Date Received: 08/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 08/13/19 13:23
Analyst: MM/GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	3.0		ug/l	1.0	0.38	1
Toluene	1.0		ug/l	1.0	0.31	1
Ethylbenzene	0.39	J	ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1936131
Report Date: 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-01
Client ID: WW-4-190812-0800
Sample Location: ROME, NY
Date Collected: 08/12/19 08:00
Date Received: 08/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	6.8	J	ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	110		60-140
4-Bromofluorobenzene	125		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-02
Client ID: 1234-190812-0001
Sample Location: ROME, NY

Date Collected: 08/12/19 08:00
Date Received: 08/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 08/13/19 12:46
Analyst: MM/GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1936131
Report Date: 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-02
Client ID: 1234-190812-0001
Sample Location: ROME, NY
Date Collected: 08/12/19 08:00
Date Received: 08/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		60-140
Fluorobenzene	108		60-140
4-Bromofluorobenzene	129		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/13/19 07:13
Analyst: MM/GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1271332-8					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	1.4	J	ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/13/19 07:13
Analyst: MM/GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1271332-8					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
n-Hexane[1]	ND		ug/l	20	0.17
Methyl tert butyl ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23
1,4-Dioxane[1]	ND		ug/l	2000	30.
Tert-Butyl Alcohol	ND		ug/l	100	3.9
Tertiary-Amyl Methyl Ether	ND		ug/l	20	0.28
Dichlorodifluoromethane[1]	ND		ug/l	1.0	0.32

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	110		60-140
4-Bromofluorobenzene	118		60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1271332-7								
Methylene chloride	105		-		60-140	-		28
1,1-Dichloroethane	85		-		50-150	-		49
Chloroform	100		-		70-135	-		54
Carbon tetrachloride	105		-		70-130	-		41
1,2-Dichloropropane	80		-		35-165	-		55
Dibromochloromethane	80		-		70-135	-		50
1,1,2-Trichloroethane	75		-		70-130	-		45
2-Chloroethylvinyl ether	70		-		1-225	-		71
Tetrachloroethene	85		-		70-130	-		39
Chlorobenzene	90		-		65-135	-		53
Trichlorofluoromethane	110		-		50-150	-		84
1,2-Dichloroethane	85		-		70-130	-		49
1,1,1-Trichloroethane	105		-		70-130	-		36
Bromodichloromethane	85		-		65-135	-		56
trans-1,3-Dichloropropene	80		-		50-150	-		86
cis-1,3-Dichloropropene	85		-		25-175	-		58
Bromoform	105		-		70-130	-		42
1,1,2,2-Tetrachloroethane	115		-		60-140	-		61
Benzene	100		-		65-135	-		61
Toluene	85		-		70-130	-		41
Ethylbenzene	100		-		60-140	-		63
Chloromethane	80		-		1-205	-		60
Bromomethane	55		-		15-185	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1271332-7								
Vinyl chloride	110		-		5-195	-		66
Chloroethane	90		-		40-160	-		78
1,1-Dichloroethene	110		-		50-150	-		32
trans-1,2-Dichloroethene	110		-		70-130	-		45
cis-1,2-Dichloroethene	90		-		60-140	-		30
Trichloroethene	95		-		65-135	-		48
1,2-Dichlorobenzene	100		-		65-135	-		57
1,3-Dichlorobenzene	95		-		70-130	-		43
1,4-Dichlorobenzene	100		-		65-135	-		57
p/m-Xylene	95		-		60-140	-		30
o-xylene	95		-		60-140	-		30
Styrene	95		-		60-140	-		30
Acetone	86		-		40-160	-		30
Carbon disulfide	105		-		60-140	-		30
2-Butanone	80		-		60-140	-		30
Vinyl acetate	88		-		60-140	-		30
4-Methyl-2-pentanone	66		-		60-140	-		30
2-Hexanone	68		-		60-140	-		30
Acrolein	80		-		60-140	-		30
Acrylonitrile	78		-		60-140	-		60
Methyl tert butyl ether	100		-		60-140	-		30
Dibromomethane	85		-		70-130	-		30
1,4-Dioxane[1]	105		-		60-140	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1271332-7								
Tert-Butyl Alcohol	86		-		60-140	-		30
Tertiary-Amyl Methyl Ether	85		-		60-140	-		30
Dichlorodifluoromethane[1]	80		-		70-130	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	107				60-140
Fluorobenzene	110				60-140
4-Bromofluorobenzene	124				60-140

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-01
Client ID: WW-4-190812-0800
Sample Location: ROME, NY

Date Collected: 08/12/19 08:00
Date Received: 08/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 08/16/19 05:37
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/14/19 02:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	79		ug/l	2.0	0.41	1
Benzidine[1]	ND		ug/l	20	12.	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.5	1
Hexachlorobenzene	ND		ug/l	2.0	0.95	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.60	1
2-Chloronaphthalene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.46	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.64	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.63	1
Azobenzene[1]	ND		ug/l	2.0	0.89	1
Fluoranthene	29		ug/l	2.0	0.74	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.37	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.45	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.82	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.58	1
Hexachlorobutadiene	ND		ug/l	2.0	0.92	1
Hexachlorocyclopentadiene[1]	ND		ug/l	10	1.4	1
Hexachloroethane	ND		ug/l	2.0	0.97	1
Isophorone	ND		ug/l	5.0	0.55	1
Naphthalene	2.8		ug/l	2.0	0.90	1
Nitrobenzene	ND		ug/l	2.0	0.79	1
NDPA/DPA[1]	ND		ug/l	2.0	0.78	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.63	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.2	1.7	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.67	1
Di-n-butylphthalate	ND		ug/l	5.0	0.63	1
Di-n-octylphthalate	ND		ug/l	5.0	0.63	1
Diethyl phthalate	ND		ug/l	5.0	0.72	1

Project Name: LOT 3A IRM **Lab Number:** L1936131

Project Number: 127887-007 **Report Date:** 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-01 Date Collected: 08/12/19 08:00

Client ID: WW-4-190812-0800 Date Received: 08/12/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.0	1.4	1
Benzo(a)anthracene	3.9		ug/l	2.0	0.66	1
Benzo(a)pyrene	1.3	J	ug/l	2.0	0.61	1
Benzo(b)fluoranthene	2.2		ug/l	2.0	0.74	1
Benzo(k)fluoranthene	0.76	J	ug/l	2.0	0.74	1
Chrysene	2.8		ug/l	2.0	0.67	1
Acenaphthylene	12		ug/l	2.0	0.93	1
Anthracene	12		ug/l	2.0	0.79	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.67	1
Fluorene	46		ug/l	2.0	0.93	1
Phenanthrene	4.2		ug/l	2.0	0.82	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.69	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.63	1
Pyrene	19		ug/l	2.0	0.73	1
4-Chloroaniline[1]	ND		ug/l	5.0	0.79	1
Dibenzofuran[1]	11		ug/l	2.0	0.37	1
2-Methylnaphthalene[1]	0.81	J	ug/l	2.0	0.35	1
n-Nitrosodimethylamine[1]	ND		ug/l	2.0	0.41	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol[1]	ND		ug/l	2.0	0.53	1
2-Chlorophenol	ND		ug/l	2.0	0.51	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.55	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.85	1
2-Nitrophenol	ND		ug/l	5.0	0.60	1
4-Nitrophenol	ND		ug/l	10	0.83	1
2,4-Dinitrophenol	ND		ug/l	20	1.2	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.2	1
Pentachlorophenol	ND		ug/l	5.0	0.62	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol[1]	ND		ug/l	5.0	0.77	1
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.0	0.51	1
2,4,5-Trichlorophenol[1]	ND		ug/l	5.0	0.64	1
Benzoic Acid[1]	ND		ug/l	50	1.2	1
Benzyl Alcohol[1]	2.1		ug/l	2.0	0.49	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1936131
Report Date: 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-01
Client ID: WW-4-190812-0800
Sample Location: ROME, NY
Date Collected: 08/12/19 08:00
Date Received: 08/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-87
Phenol-d6	44		16-65
Nitrobenzene-d5	85		42-122
2-Fluorobiphenyl	73		46-121
2,4,6-Tribromophenol	104		45-128
4-Terphenyl-d14	97		47-138

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/16/19 02:16
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/14/19 02:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1272044-1					
Acenaphthene	ND		ug/l	2.0	0.41
Benzidine[1]	ND		ug/l	20	12.
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.5
Hexachlorobenzene	ND		ug/l	2.0	0.95
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.60
2-Chloronaphthalene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.46
2,4-Dinitrotoluene	ND		ug/l	5.0	0.64
2,6-Dinitrotoluene	ND		ug/l	5.0	0.63
Azobenzene[1]	ND		ug/l	2.0	0.89
Fluoranthene	ND		ug/l	2.0	0.74
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.37
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.45
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.82
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.58
Hexachlorobutadiene	ND		ug/l	2.0	0.92
Hexachlorocyclopentadiene[1]	ND		ug/l	10	1.4
Hexachloroethane	ND		ug/l	2.0	0.97
Isophorone	ND		ug/l	5.0	0.55
Naphthalene	ND		ug/l	2.0	0.90
Nitrobenzene	ND		ug/l	2.0	0.79
NDPA/DPA[1]	ND		ug/l	2.0	0.78
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.63
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.2	1.7
Butyl benzyl phthalate	ND		ug/l	5.0	0.67
Di-n-butylphthalate	ND		ug/l	5.0	0.63
Di-n-octylphthalate	ND		ug/l	5.0	0.63
Diethyl phthalate	ND		ug/l	5.0	0.72
Dimethyl phthalate	ND		ug/l	5.0	1.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/16/19 02:16
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/14/19 02:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1272044-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.66
Benzo(a)pyrene	ND		ug/l	2.0	0.61
Benzo(b)fluoranthene	ND		ug/l	2.0	0.74
Benzo(k)fluoranthene	ND		ug/l	2.0	0.74
Chrysene	ND		ug/l	2.0	0.67
Acenaphthylene	ND		ug/l	2.0	0.93
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.67
Fluorene	ND		ug/l	2.0	0.93
Phenanthrene	ND		ug/l	2.0	0.82
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.69
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.63
Pyrene	ND		ug/l	2.0	0.73
4-Chloroaniline[1]	ND		ug/l	5.0	0.79
Dibenzofuran[1]	ND		ug/l	2.0	0.37
2-Methylnaphthalene[1]	ND		ug/l	2.0	0.35
n-Nitrosodimethylamine[1]	ND		ug/l	2.0	0.41
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol[1]	ND		ug/l	2.0	0.53
2-Chlorophenol	ND		ug/l	2.0	0.51
2,4-Dichlorophenol	ND		ug/l	5.0	0.55
2,4-Dimethylphenol	ND		ug/l	5.0	0.85
2-Nitrophenol	ND		ug/l	5.0	0.60
4-Nitrophenol	ND		ug/l	10	0.83
2,4-Dinitrophenol	ND		ug/l	20	1.2
4,6-Dinitro-o-cresol	ND		ug/l	10	1.2
Pentachlorophenol	ND		ug/l	5.0	0.62
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol[1]	ND		ug/l	5.0	0.77

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/16/19 02:16
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/14/19 02:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1272044-1					
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.0	0.51
2,4,5-Trichlorophenol[1]	ND		ug/l	5.0	0.64
Benzoic Acid[1]	ND		ug/l	50	1.2
Benzyl Alcohol[1]	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-87
Phenol-d6	41		16-65
Nitrobenzene-d5	75		42-122
2-Fluorobiphenyl	60		46-121
2,4,6-Tribromophenol	89		45-128
4-Terphenyl-d14	97		47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

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: WG1272044-2								
Acenaphthene	78		-		60-132	-		48
Benzidine[1]	9		-		0-70	-		30
Hexachlorobenzene	86		-		8-142	-		55
Bis(2-chloroethyl)ether	86		-		43-126	-		108
2-Chloronaphthalene	66		-		65-120	-		24
3,3'-Dichlorobenzidine	38		-		8-213	-		108
2,4-Dinitrotoluene	89		-		48-127	-		42
2,6-Dinitrotoluene	79		-		68-137	-		48
Azobenzene[1]	95		-		44-115	-		23
Fluoranthene	86		-		43-121	-		66
4-Chlorophenyl phenyl ether	76		-		38-145	-		61
4-Bromophenyl phenyl ether	81		-		65-120	-		43
Bis(2-chloroisopropyl)ether	90		-		63-139	-		76
Bis(2-chloroethoxy)methane	88		-		49-165	-		54
Hexachlorobutadiene	50		-		38-120	-		62
Hexachlorocyclopentadiene[1]	49		-		7-118	-		35
Hexachloroethane	60		-		55-120	-		52
Isophorone	89		-		47-180	-		93
Naphthalene	66		-		36-120	-		65
Nitrobenzene	82		-		54-158	-		62
NDPA/DPA[1]	83		-		45-112	-		36
n-Nitrosodi-n-propylamine	90		-		14-198	-		87
Bis(2-ethylhexyl)phthalate	108		-		29-137	-		82

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

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: WG1272044-2								
Butyl benzyl phthalate	92		-		1-140	-		60
Di-n-butylphthalate	100		-		8-120	-		47
Di-n-octylphthalate	103		-		19-132	-		69
Diethyl phthalate	90		-		1-120	-		100
Dimethyl phthalate	76		-		1-120	-		183
Benzo(a)anthracene	92		-		42-133	-		53
Benzo(a)pyrene	92		-		32-148	-		72
Benzo(b)fluoranthene	95		-		42-140	-		71
Benzo(k)fluoranthene	98		-		25-146	-		63
Chrysene	88		-		44-140	-		87
Acenaphthylene	72		-		54-126	-		74
Anthracene	88		-		43-120	-		66
Benzo(ghi)perylene	94		-		1-195	-		97
Fluorene	79		-		70-120	-		38
Phenanthrene	84		-		65-120	-		39
Dibenzo(a,h)anthracene	93		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	89		-		1-151	-		99
Pyrene	84		-		70-120	-		49
4-Chloroaniline[1]	70		-		10-100	-		53
Dibenzofuran[1]	76		-		23-126	-		22
2-Methylnaphthalene[1]	64		-		40-109	-		18
n-Nitrosodimethylamine[1]	54		-		15-68	-		17
2,4,6-Trichlorophenol	75		-		52-129	-		58

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

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: WG1272044-2								
p-Chloro-m-cresol[1]	88		-		68-130	-		73
2-Chlorophenol	83		-		36-120	-		61
2,4-Dichlorophenol	77		-		53-122	-		50
2,4-Dimethylphenol	82		-		42-120	-		58
2-Nitrophenol	86		-		45-167	-		55
4-Nitrophenol	68		-		13-129	-		131
2,4-Dinitrophenol	66		-		1-173	-		132
4,6-Dinitro-o-cresol	84		-		56-130	-		203
Pentachlorophenol	81		-		38-152	-		86
Phenol	47		-		17-120	-		64
2-Methylphenol[1]	80		-		38-102	-		23
3-Methylphenol/4-Methylphenol[1]	84		-		35-103	-		26
2,4,5-Trichlorophenol[1]	76		-		47-126	-		28
Benzoic Acid[1]	24		-		2-55	-		27
Benzyl Alcohol[1]	70		-		31-103	-		23

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61				25-87
Phenol-d6	44				16-65
Nitrobenzene-d5	80				42-122
2-Fluorobiphenyl	61				46-121
2,4,6-Tribromophenol	87				45-128
4-Terphenyl-d14	81				47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1936131
Report Date: 08/16/19

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: WG1272044-3								
1,2,4-Trichlorobenzene	65		-		57-130	-		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69				25-87
Phenol-d6	54				16-65
Nitrobenzene-d5	91				42-122
2-Fluorobiphenyl	72				46-121
2,4,6-Tribromophenol	108				45-128
4-Terphenyl-d14	104				47-138

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1936131
Report Date: 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-01
Client ID: WW-4-190812-0800
Sample Location: ROME, NY
Date Collected: 08/12/19 08:00
Date Received: 08/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.00112	J	mg/l	0.00400	0.00042	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00789		mg/l	0.00050	0.00016	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Chromium, Total	0.00086	J	mg/l	0.00100	0.00017	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Copper, Total	0.00259		mg/l	0.00100	0.00038	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Lead, Total	0.00216		mg/l	0.00100	0.00034	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Nickel, Total	0.01100		mg/l	0.00200	0.00055	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Thallium, Total	0.00017	J	mg/l	0.00050	0.00014	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Zinc, Total	0.02586		mg/l	0.01000	0.00341	1	08/14/19 11:26	08/14/19 19:24	EPA 3005A	1,6020B	AM
Low-Level Mercury - Mansfield Lab											
Mercury, Total	0.0164		ug/l	0.0050	0.0019	10	08/13/19 13:57	08/14/19 16:54	EPA 1631E	82,1631E	BV

Project Name: LOT 3A IRM **Lab Number:** L1936131

Project Number: 127887-007 **Report Date:** 08/16/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Low-Level Mercury - Mansfield Lab for sample(s): 01 Batch: WG1271379-1										
Mercury, Total	0.0002	J	ug/l	0.0005	0.0001	1	08/12/19 15:50	08/14/19 13:46	82,1631E	BV

Prep Information

Digestion Method: EPA 1631E

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1272204-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/14/19 11:26	08/14/19 17:45	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 Batch: WG1271379-2 SRM Lot Number: HG-LOW								
Mercury, Total	99		-		77-123	-		24
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1272204-2								
Antimony, Total	85		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Beryllium, Total	99		-		80-120	-		
Cadmium, Total	107		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Copper, Total	92		-		80-120	-		
Lead, Total	101		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	98		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Zinc, Total	100		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1271379-3 WG1271379-4 QC Sample: L1934297-01 Client ID: MS Sample												
Mercury, Total	0.0023	0.005	0.0071	96		0.0071	96		71-125	0		24
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1272204-3 QC Sample: L1936131-01 Client ID: WW-4-190812-0800												
Antimony, Total	0.00112J	0.5	0.4387	88		-	-		75-125	-		20
Arsenic, Total	0.00789	0.12	0.1386	109		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05074	101		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.05889	115		-	-		75-125	-		20
Chromium, Total	0.00086J	0.2	0.2196	110		-	-		75-125	-		20
Copper, Total	0.00259	0.25	0.2603	103		-	-		75-125	-		20
Lead, Total	0.00216	0.51	0.5628	110		-	-		75-125	-		20
Nickel, Total	0.01100	0.5	0.5332	104		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.127	106		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05417	108		-	-		75-125	-		20
Thallium, Total	0.00017J	0.12	0.1312	109		-	-		75-125	-		20
Zinc, Total	0.02586	0.5	0.5645	108		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1936131

Report Date: 08/16/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1272204-4 QC Sample: L1936131-01 Client ID: WW-4-190812-0800						
Antimony, Total	0.00112J	0.00119J	mg/l	NC		20
Arsenic, Total	0.00789	0.00826	mg/l	4		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	0.00006J	mg/l	NC		20
Chromium, Total	0.00086J	0.00084J	mg/l	NC		20
Copper, Total	0.00259	0.00298	mg/l	14		20
Lead, Total	0.00216	0.00220	mg/l	2		20
Nickel, Total	0.01100	0.01195	mg/l	8		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	0.00017J	0.00047J	mg/l	NC		20
Zinc, Total	0.02586	0.02786	mg/l	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

SAMPLE RESULTS

Lab ID: L1936131-01
Client ID: WW-4-190812-0800
Sample Location: ROME, NY

Date Collected: 08/12/19 08:00
Date Received: 08/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	27.		mg/l	6.5	NA	1.3	-	08/13/19 11:00	121,2540D	DR
pH (H)	7.1		SU	-	NA	1	-	08/13/19 06:35	121,4500H+-B	JW

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1271636-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	08/13/19 11:00	121,2540D	DR

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1936131

Report Date: 08/16/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1271608-1								
pH	101		-		99-101	-		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1936131

Report Date: 08/16/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1271608-2 QC Sample: L1936091-01 Client ID: DUP Sample						
pH	7.7	7.8	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1271636-2 QC Sample: L1936069-01 Client ID: DUP Sample						
Solids, Total Suspended	220	240	mg/l	9		29

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1936131
Report Date: 08/16/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1936131-01A	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1(3)
L1936131-01B	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1(3)
L1936131-01C	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1(3)
L1936131-01D	Plastic 120ml unpreserved	A	7	7	4.0	Y	Absent		PH-4500(.01)
L1936131-01E	Plastic 250ml HNO3 preserved	A	<2	<2	4.0	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180)
L1936131-01F	Teflon 250ml HCl preserved	A	<2	<2	4.0	Y	Absent		A2-HG-1631(28)
L1936131-01G	Plastic 950ml unpreserved	A	7	7	4.0	Y	Absent		TSS-2540(7)
L1936131-01H	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		625.1(7)
L1936131-01I	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		625.1(7)
L1936131-02A	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1(3)
L1936131-02B	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1(3)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1936131
Project Number:	127887-007	**Report Date:**	08/16/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1936131
Project Number:	127887-007	**Report Date:**	08/16/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1936131
Project Number: 127887-007 **Report Date:** 08/16/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

82 Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry. USEPA Office of Water, EPA Method 1631 Revision E, EPA-821-R-02-019, August 2002.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 8/13/19

ALPHA Job #: L1936131

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TTO(VOC's) - 624	TTO (SVOCs) - 625	Metals (PPL)	Metals (Hg)-1631	pH	TSS			Sample Specific Comments	Total Bottles
36131 -01	WW-4-190812-0800	8/12/2019	8:00	H20	DMN	N/A	X	X	X	X	X	X			N	9
-02	1234-190812-0001	8/12/2019	8:00	H20	DMN	N/A	X								TB	2

Container Type	V	A	P	O	P	P		
Preservative	H	H	C	B	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[illegible]	8/12/19 1500	[illegible]	8/12/19 1500
[illegible]	8/12/19 1500	[illegible]	8/13/19 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

30 August 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Discharge of groundwater to City of Rome WPCF

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), is notifying the New York State Department of Environmental Conservation (NYSDEC) of the discharge of groundwater generated during Interim Remedial Measures (IRM) to the City of Rome sanitary sewer. Collected groundwater will be discharged directly to a sewer manhole, pursuant to the IRM Work Plan dated 10 August 2018, and in accordance with Industrial Discharge Permit HAL-1920 ("Permit HAL-1920") issued by the City of Rome Water Pollution Control Facility (WPCF), dated 1 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination. Pursuant to correspondence between NYSDEC and the Multistate Trust, dated 31 July 2019, water generated at the Site has been granted a generic "Contained-In" determination, applicable only if collected water is delivered to the Rome WPCF and meets Rome WPCF discharge conditions.

In accordance with Rome WPCF Permit HAL-1920, a water sample representative of the water to be discharged to the sanitary sewer, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your files. The sample is identified as:

- WW-05-190819-0935 (Laboratory Sample ID L1937384-01)

The analytical data meet the Rome WPCF discharge conditions outlined in Permit HAL-1920, and pursuant to the Permit and previously issued Generic "Contained-In" determination, will be discharged to the City of Rome sanitary sewer. Groundwater generated during subsequent IRM activities will be discharged as required to the sanitary sewer under the Generic Contained-In determination, and will be sampled and analyzed in accordance with the sampling requirements defined in the WPCF Permit HAL-1920 or otherwise modified by the Rome WPCF.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Wastewater\WW-05\ww_notice_of_discharge_190830.docx

ANALYTICAL REPORT

Lab Number:	L1937384
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/30/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1937384-01	WW-05-190819-0935	WATER	ROME, NY	08/19/19 09:35	08/19/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1937384
Project Number:	127887-007	**Report Date:**	08/30/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1937384
Project Number:	127887-007	**Report Date:**	08/30/19

Case Narrative (continued)

Report Revision

August 30, 2019: The Volatile Organics analyte list has been amended on L1937384-01 (WW-05-190819-0935).

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 Method 625

L1937384-01 (WW-05-190819-0935): 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/30/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937384
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1937384-01
Client ID: WW-05-190819-0935
Sample Location: ROME, NY

Date Collected: 08/19/19 09:35
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 08/20/19 16:14
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	1.1	J	ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
1,3-Dichloropropene, Total	ND		ug/l	1.5	0.31	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	26		ug/l	1.0	0.38	1
Toluene	25		ug/l	1.0	0.31	1
Ethylbenzene	13		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937384
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1937384-01
Client ID: WW-05-190819-0935
Sample Location: ROME, NY
Date Collected: 08/19/19 09:35
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	16		ug/l	2.0	0.30	1
o-xylene	8.5		ug/l	1.0	0.34	1
Xylenes, Total	25		ug/l	1.0	0.30	1
Styrene	0.41	J	ug/l	1.0	0.37	1
Acetone	8.3	J	ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	6.3	J	ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	107		60-140
Fluorobenzene	112		60-140
4-Bromofluorobenzene	130		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/20/19 10:11
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1274476-8					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
1,3-Dichloropropene, Total	ND		ug/l	1.5	0.31
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	1.5	J	ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/20/19 10:11
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1274476-8					
Trichloroethene	ND		ug/l	1.0	0.33
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	114		60-140
4-Bromofluorobenzene	124		60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

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: WG1274476-7								
Methylene chloride	110		-		60-140	-		28
1,1-Dichloroethane	100		-		50-150	-		49
Chloroform	105		-		70-135	-		54
Carbon tetrachloride	105		-		70-130	-		41
1,2-Dichloropropane	80		-		35-165	-		55
Dibromochloromethane	80		-		70-135	-		50
1,1,2-Trichloroethane	75		-		70-130	-		45
2-Chloroethylvinyl ether	70		-		1-225	-		71
Tetrachloroethene	90		-		70-130	-		39
Chlorobenzene	90		-		65-135	-		53
Trichlorofluoromethane	125		-		50-150	-		84
1,2-Dichloroethane	85		-		70-130	-		49
1,1,1-Trichloroethane	110		-		70-130	-		36
Bromodichloromethane	90		-		65-135	-		56
trans-1,3-Dichloropropene	85		-		50-150	-		86
cis-1,3-Dichloropropene	90		-		25-175	-		58
Bromoform	110		-		70-130	-		42
1,1,2,2-Tetrachloroethane	110		-		60-140	-		61
Benzene	95		-		65-135	-		61
Toluene	85		-		70-130	-		41
Ethylbenzene	100		-		60-140	-		63
Chloromethane	75		-		1-205	-		60
Bromomethane	90		-		15-185	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

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: WG1274476-7								
Vinyl chloride	120		-		5-195	-		66
Chloroethane	100		-		40-160	-		78
1,1-Dichloroethene	135		-		50-150	-		32
trans-1,2-Dichloroethene	110		-		70-130	-		45
cis-1,2-Dichloroethene	100		-		60-140	-		30
Trichloroethene	90		-		65-135	-		48
1,2-Dichlorobenzene	100		-		65-135	-		57
1,3-Dichlorobenzene	95		-		70-130	-		43
1,4-Dichlorobenzene	95		-		65-135	-		57
p/m-Xylene	95		-		60-140	-		30
o-xylene	95		-		60-140	-		30
Styrene	95		-		60-140	-		30
Acetone	96		-		40-160	-		30
Carbon disulfide	115		-		60-140	-		30
2-Butanone	94		-		60-140	-		30
Vinyl acetate	95		-		60-140	-		30
4-Methyl-2-pentanone	64		-		60-140	-		30
2-Hexanone	66		-		60-140	-		30
Acrolein	95		-		60-140	-		30
Acrylonitrile	72		-		60-140	-		60
Dibromomethane	85		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937384

Report Date: 08/30/19

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: WG1274476-7								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	113				60-140
Fluorobenzene	108				60-140
4-Bromofluorobenzene	123				60-140

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1937384-01 D
Client ID: WW-05-190819-0935
Sample Location: ROME, NY

Date Collected: 08/19/19 09:35
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 08/23/19 15:29
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/22/19 18:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120		ug/l	20	4.1	10
Benzidine[1]	ND		ug/l	200	120	10
1,2,4-Trichlorobenzene	ND		ug/l	50	15.	10
Hexachlorobenzene	ND		ug/l	20	9.5	10
Bis(2-chloroethyl)ether	ND		ug/l	20	6.0	10
2-Chloronaphthalene	ND		ug/l	20	3.2	10
3,3'-Dichlorobenzidine	ND		ug/l	50	4.6	10
2,4-Dinitrotoluene	ND		ug/l	50	6.4	10
2,6-Dinitrotoluene	ND		ug/l	50	6.3	10
Azobenzene[1]	ND		ug/l	20	8.9	10
Fluoranthene	37		ug/l	20	7.4	10
4-Chlorophenyl phenyl ether	ND		ug/l	20	3.7	10
4-Bromophenyl phenyl ether	ND		ug/l	20	4.5	10
Bis(2-chloroisopropyl)ether	ND		ug/l	20	8.2	10
Bis(2-chloroethoxy)methane	ND		ug/l	50	5.8	10
Hexachlorobutadiene	ND		ug/l	20	9.2	10
Hexachlorocyclopentadiene[1]	ND		ug/l	100	14.	10
Hexachloroethane	ND		ug/l	20	9.7	10
Isophorone	ND		ug/l	50	5.5	10
Naphthalene	ND		ug/l	20	9.0	10
Nitrobenzene	ND		ug/l	20	7.9	10
NDPA/DPA[1]	ND		ug/l	20	7.8	10
n-Nitrosodi-n-propylamine	ND		ug/l	50	6.3	10
Bis(2-ethylhexyl)phthalate	ND		ug/l	22	17.	10
Butyl benzyl phthalate	ND		ug/l	50	6.7	10
Di-n-butylphthalate	ND		ug/l	50	6.3	10
Di-n-octylphthalate	ND		ug/l	50	6.3	10
Diethyl phthalate	ND		ug/l	50	7.2	10

Project Name: LOT 3A IRM **Lab Number:** L1937384

Project Number: 127887-007 **Report Date:** 08/30/19

SAMPLE RESULTS

Lab ID: L1937384-01 D
Client ID: WW-05-190819-0935
Sample Location: ROME, NY

Date Collected: 08/19/19 09:35
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	50	14.	10
Benzo(a)anthracene	ND		ug/l	20	6.6	10
Benzo(a)pyrene	ND		ug/l	20	6.1	10
Benzo(b)fluoranthene	ND		ug/l	20	7.4	10
Benzo(k)fluoranthene	ND		ug/l	20	7.4	10
Chrysene	ND		ug/l	20	6.7	10
Acenaphthylene	ND		ug/l	20	9.3	10
Anthracene	20		ug/l	20	7.9	10
Benzo(ghi)perylene	ND		ug/l	20	6.7	10
Fluorene	110		ug/l	20	9.3	10
Phenanthrene	88		ug/l	20	8.2	10
Dibenzo(a,h)anthracene	ND		ug/l	20	6.9	10
Indeno(1,2,3-cd)pyrene	ND		ug/l	20	6.3	10
Pyrene	20		ug/l	20	7.3	10
n-Nitrosodimethylamine[1]	ND		ug/l	20	4.1	10
2,4,6-Trichlorophenol	ND		ug/l	50	6.1	10
p-Chloro-m-cresol[1]	ND		ug/l	20	5.3	10
2-Chlorophenol	ND		ug/l	20	5.1	10
2,4-Dichlorophenol	ND		ug/l	50	5.5	10
2,4-Dimethylphenol	59		ug/l	50	8.5	10
2-Nitrophenol	ND		ug/l	50	6.0	10
4-Nitrophenol	ND		ug/l	100	8.3	10
2,4-Dinitrophenol	ND		ug/l	200	12.	10
4,6-Dinitro-o-cresol	ND		ug/l	100	12.	10
Pentachlorophenol	ND		ug/l	50	6.2	10
Phenol	60		ug/l	50	2.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-87
Phenol-d6	37		16-65
Nitrobenzene-d5	67		42-122
2-Fluorobiphenyl	78		46-121
2,4,6-Tribromophenol	115		45-128
4-Terphenyl-d14	90		47-138

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/23/19 10:56
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/22/19 18:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1275721-1					
Acenaphthene	ND		ug/l	2.0	0.41
Benzidine[1]	ND		ug/l	20	12.
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.5
Hexachlorobenzene	ND		ug/l	2.0	0.95
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.60
2-Chloronaphthalene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.46
2,4-Dinitrotoluene	ND		ug/l	5.0	0.64
2,6-Dinitrotoluene	ND		ug/l	5.0	0.63
Azobenzene[1]	ND		ug/l	2.0	0.89
Fluoranthene	ND		ug/l	2.0	0.74
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.37
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.45
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.82
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.58
Hexachlorobutadiene	ND		ug/l	2.0	0.92
Hexachlorocyclopentadiene[1]	ND		ug/l	10	1.4
Hexachloroethane	ND		ug/l	2.0	0.97
Isophorone	ND		ug/l	5.0	0.55
Naphthalene	ND		ug/l	2.0	0.90
Nitrobenzene	ND		ug/l	2.0	0.79
NDPA/DPA[1]	ND		ug/l	2.0	0.78
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.63
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.2	1.7
Butyl benzyl phthalate	ND		ug/l	5.0	0.67
Di-n-butylphthalate	ND		ug/l	5.0	0.63
Di-n-octylphthalate	ND		ug/l	5.0	0.63
Diethyl phthalate	ND		ug/l	5.0	0.72
Dimethyl phthalate	ND		ug/l	5.0	1.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/23/19 10:56
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/22/19 18:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1275721-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.66
Benzo(a)pyrene	ND		ug/l	2.0	0.61
Benzo(b)fluoranthene	ND		ug/l	2.0	0.74
Benzo(k)fluoranthene	ND		ug/l	2.0	0.74
Chrysene	ND		ug/l	2.0	0.67
Acenaphthylene	ND		ug/l	2.0	0.93
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.67
Fluorene	ND		ug/l	2.0	0.93
Phenanthrene	ND		ug/l	2.0	0.82
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.69
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.63
Pyrene	ND		ug/l	2.0	0.73
n-Nitrosodimethylamine[1]	ND		ug/l	2.0	0.41
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol[1]	ND		ug/l	2.0	0.53
2-Chlorophenol	ND		ug/l	2.0	0.51
2,4-Dichlorophenol	ND		ug/l	5.0	0.55
2,4-Dimethylphenol	ND		ug/l	5.0	0.85
2-Nitrophenol	ND		ug/l	5.0	0.60
4-Nitrophenol	ND		ug/l	10	0.83
2,4-Dinitrophenol	ND		ug/l	20	1.2
4,6-Dinitro-o-cresol	ND		ug/l	10	1.2
Pentachlorophenol	ND		ug/l	5.0	0.62
Phenol	ND		ug/l	5.0	0.26

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/23/19 10:56
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/22/19 18:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1275721-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-87
Phenol-d6	39		16-65
Nitrobenzene-d5	69		42-122
2-Fluorobiphenyl	71		46-121
2,4,6-Tribromophenol	70		45-128
4-Terphenyl-d14	79		47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

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: WG1275721-3								
Acenaphthene	79		-		60-132	-		48
Benzidine[1]	0		-		0-70	-		30
1,2,4-Trichlorobenzene	73		-		57-130	-		50
Hexachlorobenzene	86		-		8-142	-		55
Bis(2-chloroethyl)ether	82		-		43-126	-		108
2-Chloronaphthalene	80		-		65-120	-		24
3,3'-Dichlorobenzidine	34		-		8-213	-		108
2,4-Dinitrotoluene	102		-		48-127	-		42
2,6-Dinitrotoluene	102		-		68-137	-		48
Azobenzene[1]	88		-		44-115	-		23
Fluoranthene	96		-		43-121	-		66
4-Chlorophenyl phenyl ether	83		-		38-145	-		61
4-Bromophenyl phenyl ether	86		-		65-120	-		43
Bis(2-chloroisopropyl)ether	76		-		63-139	-		76
Bis(2-chloroethoxy)methane	89		-		49-165	-		54
Hexachlorobutadiene	66		-		38-120	-		62
Hexachlorocyclopentadiene[1]	55		-		7-118	-		35
Hexachloroethane	68		-		55-120	-		52
Isophorone	95		-		47-180	-		93
Naphthalene	75		-		36-120	-		65
Nitrobenzene	90		-		54-158	-		62
NDPA/DPA[1]	87		-		45-112	-		36
n-Nitrosodi-n-propylamine	98		-		14-198	-		87

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

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: WG1275721-3								
Bis(2-ethylhexyl)phthalate	91		-		29-137	-		82
Butyl benzyl phthalate	99		-		1-140	-		60
Di-n-butylphthalate	96		-		8-120	-		47
Di-n-octylphthalate	98		-		19-132	-		69
Diethyl phthalate	93		-		1-120	-		100
Dimethyl phthalate	95		-		1-120	-		183
Benzo(a)anthracene	92		-		42-133	-		53
Benzo(a)pyrene	99		-		32-148	-		72
Benzo(b)fluoranthene	101		-		42-140	-		71
Benzo(k)fluoranthene	96		-		25-146	-		63
Chrysene	85		-		44-140	-		87
Acenaphthylene	91		-		54-126	-		74
Anthracene	86		-		43-120	-		66
Benzo(ghi)perylene	97		-		1-195	-		97
Fluorene	86		-		70-120	-		38
Phenanthrene	80		-		65-120	-		39
Dibenzo(a,h)anthracene	102		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	88		-		1-151	-		99
Pyrene	86		-		70-120	-		49
n-Nitrosodimethylamine[1]	57		-		15-68	-		17
2,4,6-Trichlorophenol	98		-		52-129	-		58
p-Chloro-m-cresol[1]	100		-		68-130	-		73
2-Chlorophenol	87		-		36-120	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

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: WG1275721-3								
2,4-Dichlorophenol	100		-		53-122	-		50
2,4-Dimethylphenol	96		-		42-120	-		58
2-Nitrophenol	94		-		45-167	-		55
4-Nitrophenol	59		-		13-129	-		131
2,4-Dinitrophenol	83		-		1-173	-		132
4,6-Dinitro-o-cresol	94		-		56-130	-		203
Pentachlorophenol	84		-		38-152	-		86
Phenol	43		-		17-120	-		64

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61				25-87
Phenol-d6	43				16-65
Nitrobenzene-d5	75				42-122
2-Fluorobiphenyl	70				46-121
2,4,6-Tribromophenol	80				45-128
4-Terphenyl-d14	74				47-138

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937384
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1937384-01
Client ID: WW-05-190819-0935
Sample Location: ROME, NY
Sample Depth:
Matrix: Water

Date Collected: 08/19/19 09:35
Date Received: 08/19/19
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/l	0.050	0.007	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Arsenic, Total	0.003	J	mg/l	0.005	0.002	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Copper, Total	0.005	J	mg/l	0.010	0.002	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Lead, Total	0.003	J	mg/l	0.010	0.003	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Nickel, Total	0.011	J	mg/l	0.025	0.002	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Silver, Total	ND		mg/l	0.007	0.003	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Zinc, Total	0.040	J	mg/l	0.050	0.002	1	08/22/19 17:05	08/23/19 14:42	EPA 3005A	1,6010D	LC
Low-Level Mercury - Mansfield Lab											
Mercury, Total	0.0042		ug/l	0.0005	0.0001	1	08/22/19 18:54	08/28/19 14:58	EPA 1631E	82,1631E	BV

Project Name: LOT 3A IRM **Lab Number:** L1937384

Project Number: 127887-007 **Report Date:** 08/30/19

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: WG1275675-1										
Antimony, Total	ND		mg/l	0.050	0.007	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Arsenic, Total	ND		mg/l	0.005	0.002	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Copper, Total	ND		mg/l	0.010	0.002	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Lead, Total	ND		mg/l	0.010	0.003	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Nickel, Total	ND		mg/l	0.025	0.002	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Silver, Total	ND		mg/l	0.007	0.003	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC
Zinc, Total	ND		mg/l	0.050	0.002	1	08/22/19 17:05	08/23/19 13:43	1,6010D	LC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Low-Level Mercury - Mansfield Lab for sample(s): 01 Batch: WG1275736-1										
Mercury, Total	0.0002	J	ug/l	0.0005	0.0001	1	08/22/19 18:54	08/28/19 14:01	82,1631E	BV

Prep Information

Digestion Method: EPA 1631E

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1275675-2								
Antimony, Total	94		-		80-120	-		
Arsenic, Total	105		-		80-120	-		
Beryllium, Total	95		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Copper, Total	90		-		80-120	-		
Lead, Total	98		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Selenium, Total	106		-		80-120	-		
Silver, Total	93		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Zinc, Total	99		-		80-120	-		
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 Batch: WG1275736-2 SRM Lot Number: HG-LOW								
Mercury, Total	89		-		77-123	-		24

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

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 QC Batch ID: WG1275675-3 QC Sample: L1936270-01 Client ID: MS Sample												
Antimony, Total	ND	0.5	0.532	106		-	-		75-125	-		20
Arsenic, Total	0.002J	0.12	0.136	113		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.046	93		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.050	99		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.195	98		-	-		75-125	-		20
Copper, Total	0.005J	0.25	0.242	97		-	-		75-125	-		20
Lead, Total	ND	0.51	0.494	97		-	-		75-125	-		20
Nickel, Total	0.019J	0.5	0.497	99		-	-		75-125	-		20
Selenium, Total	0.004J	0.12	0.136	113		-	-		75-125	-		20
Silver, Total	ND	0.05	0.049	98		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.112	93		-	-		75-125	-		20
Zinc, Total	0.007J	0.5	0.503	101		-	-		75-125	-		20
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1275736-3 WG1275736-4 QC Sample: L1936034-01 Client ID: MS Sample												
Mercury, Total	0.0014	0.005	0.0054	79		0.0053	78		71-125	1		24

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1937384-01
Client ID: WW-05-190819-0935
Sample Location: ROME, NY

Date Collected: 08/19/19 09:35
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	13.		mg/l	1.0	NA	1	-	08/20/19 06:20	121,2540D	JT
pH (H)	7.1		SU	-	NA	1	-	08/20/19 16:42	1,9040C	AS

Project Name: LOT 3A IRM **Lab Number:** L1937384

Project Number: 127887-007 **Report Date:** 08/30/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1274357-1										
Solids, Total Suspended	ND		mg/l	1.0	NA	1	-	08/20/19 06:20	121,2540D	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937384

Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1274638-1								
pH	100		-		99-101	-		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937384

Report Date: 08/30/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1274357-2 QC Sample: L1937153-01 Client ID: DUP Sample						
Solids, Total Suspended	220	230	mg/l	4		29
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1274638-2 QC Sample: L1937384-01 Client ID: WW-05-190819-0935						
pH (H)	7.1	7.1	SU	0		5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937384
Report Date: 08/30/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1937384-01A	Vial Na2S2O3 preserved	B	NA		2.9	Y	Absent		624.1-TTO(3)
L1937384-01B	Vial Na2S2O3 preserved	B	NA		2.9	Y	Absent		624.1-TTO(3)
L1937384-01C	Vial Na2S2O3 preserved	B	NA		2.9	Y	Absent		624.1-TTO(3)
L1937384-01D	Plastic 60ml unpreserved	B	7	7	2.9	Y	Absent		PH-9040(1)
L1937384-01E	Teflon 250ml HCl preserved	B	<2	<2	2.9	Y	Absent		A2-HG-1631(28)
L1937384-01F	Plastic 250ml HNO3 preserved	B	<2	<2	2.9	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),CD-TI(180)
L1937384-01G	Plastic 950ml unpreserved	B	7	7	2.9	Y	Absent		TSS-2540-LOW(7)
L1937384-01H	Amber 1000ml Na2S2O3	B	7	7	2.9	Y	Absent		625.1-TTO(7)
L1937384-01I	Amber 1000ml Na2S2O3	B	7	7	2.9	Y	Absent		625.1-TTO(7)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1937384
Project Number:	127887-007	**Report Date:**	08/30/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937384
Project Number:	127887-007	**Report Date:**	08/30/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937384
Project Number:	127887-007	**Report Date:**	08/30/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

82 Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry. USEPA Office of Water, EPA Method 1631 Revision E, EPA-821-R-02-019, August 2002.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/20/19

ALPHA Job #: L1937384

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #)	☐
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information

H&A Client:	H&A of New York
H&A Address:	200 Town Centre Dr. Ste. 2
Rochester, NY 14623	
H&A Phone:	585-321-4219
H&A Fax:	
H&A Email:	cmondello@haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TTO (VOCs) - 624	TTO (SVOCs) - 625	Metals (PPL)	Metals (Hg) - 1631	pH	TSS			Sample Specific Comments	Total Bottles
37387-01	WW-05-190819-0935	8/19/2019	9:35	W	PAF		X	X	X	X	X	X				9
Container Type							V	A	P	O	P	P				
Preservative							H	H	C	B	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
8/19/19	8/19/19 1205		8/19/19 1205
	8/19/19 1545	KAL	8/19/19 1550
	8/19/19 1550		8/20/19 0900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1938656
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	09/04/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1938656-01	WW-06-190826-0745	WATER	ROME, NY	08/26/19 07:45	08/26/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1938656
Project Number:	127887-007	**Report Date:**	09/04/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1938656
Project Number:	127887-007	**Report Date:**	09/04/19

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 Method 625

L1938656-01 (WW-06-190826-0745): 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: Michelle M. Morris

Title: Technical Director/Representative

Date: 09/04/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938656
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938656-01
Client ID: WW-06-190826-0745
Sample Location: ROME, NY

Date Collected: 08/26/19 07:45
Date Received: 08/26/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 08/27/19 15:34
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	0.55	J	ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
1,3-Dichloropropene, Total	ND		ug/l	1.5	0.31	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	27		ug/l	1.0	0.38	1
Toluene	29		ug/l	1.0	0.31	1
Ethylbenzene	13		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938656
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938656-01
Client ID: WW-06-190826-0745
Sample Location: ROME, NY
Date Collected: 08/26/19 07:45
Date Received: 08/26/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	34		ug/l	2.0	0.30	1
o-xylene	16		ug/l	1.0	0.34	1
Xylenes, Total	50		ug/l	1.0	0.30	1
Styrene	3.9		ug/l	1.0	0.37	1
Acetone	32		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	101		60-140
Fluorobenzene	101		60-140
4-Bromofluorobenzene	138		60-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/27/19 12:27
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1277227-8					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
1,3-Dichloropropene, Total	ND		ug/l	1.5	0.31
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	1.2	J	ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 08/27/19 12:27
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1277227-8					
Trichloroethene	ND		ug/l	1.0	0.33
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	102		60-140
4-Bromofluorobenzene	124		60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

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: WG1277227-7								
Methylene chloride	95		-		60-140	-		28
1,1-Dichloroethane	80		-		50-150	-		49
Chloroform	95		-		70-135	-		54
Carbon tetrachloride	110		-		70-130	-		41
1,2-Dichloropropane	80		-		35-165	-		55
Dibromochloromethane	85		-		70-135	-		50
1,1,2-Trichloroethane	75		-		70-130	-		45
2-Chloroethylvinyl ether	70		-		1-225	-		71
Tetrachloroethene	90		-		70-130	-		39
Chlorobenzene	100		-		65-135	-		53
Trichlorofluoromethane	120		-		50-150	-		84
1,2-Dichloroethane	85		-		70-130	-		49
1,1,1-Trichloroethane	105		-		70-130	-		36
Bromodichloromethane	95		-		65-135	-		56
trans-1,3-Dichloropropene	90		-		50-150	-		86
cis-1,3-Dichloropropene	95		-		25-175	-		58
Bromoform	120		-		70-130	-		42
1,1,2,2-Tetrachloroethane	110		-		60-140	-		61
Benzene	90		-		65-135	-		61
Toluene	90		-		70-130	-		41
Ethylbenzene	105		-		60-140	-		63
Chloromethane	85		-		1-205	-		60
Bromomethane	75		-		15-185	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

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: WG1277227-7								
Vinyl chloride	115		-		5-195	-		66
Chloroethane	95		-		40-160	-		78
1,1-Dichloroethene	110		-		50-150	-		32
trans-1,2-Dichloroethene	105		-		70-130	-		45
cis-1,2-Dichloroethene	95		-		60-140	-		30
Trichloroethene	90		-		65-135	-		48
1,2-Dichlorobenzene	105		-		65-135	-		57
1,3-Dichlorobenzene	105		-		70-130	-		43
1,4-Dichlorobenzene	105		-		65-135	-		57
p/m-Xylene	102		-		60-140	-		30
o-xylene	100		-		60-140	-		30
Styrene	100		-		60-140	-		30
Acetone	76		-		40-160	-		30
Carbon disulfide	100		-		60-140	-		30
2-Butanone	72		-		60-140	-		30
Vinyl acetate	72		-		60-140	-		30
4-Methyl-2-pentanone	64		-		60-140	-		30
2-Hexanone	60		-		60-140	-		30
Acrolein	72		-		60-140	-		30
Acrylonitrile	65		-		60-140	-		60
Dibromomethane	80		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938656

Report Date: 09/04/19

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: WG1277227-7								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	105				60-140
Fluorobenzene	104				60-140
4-Bromofluorobenzene	129				60-140

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938656-01 D
Client ID: WW-06-190826-0745
Sample Location: ROME, NY

Date Collected: 08/26/19 07:45
Date Received: 08/26/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 09/02/19 16:29
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 08/28/19 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	80		ug/l	20	4.1	10
Benzidine[1]	ND		ug/l	200	120	10
1,2,4-Trichlorobenzene	ND		ug/l	50	15.	10
Hexachlorobenzene	ND		ug/l	20	9.5	10
Bis(2-chloroethyl)ether	ND		ug/l	20	6.0	10
2-Chloronaphthalene	ND		ug/l	20	3.2	10
3,3'-Dichlorobenzidine	ND		ug/l	50	4.6	10
2,4-Dinitrotoluene	ND		ug/l	50	6.4	10
2,6-Dinitrotoluene	ND		ug/l	50	6.3	10
Azobenzene[1]	ND		ug/l	20	8.9	10
Fluoranthene	25		ug/l	20	7.4	10
4-Chlorophenyl phenyl ether	ND		ug/l	20	3.7	10
4-Bromophenyl phenyl ether	ND		ug/l	20	4.5	10
Bis(2-chloroisopropyl)ether	ND		ug/l	20	8.2	10
Bis(2-chloroethoxy)methane	ND		ug/l	50	5.8	10
Hexachlorobutadiene	ND		ug/l	20	9.2	10
Hexachlorocyclopentadiene[1]	ND		ug/l	100	14.	10
Hexachloroethane	ND		ug/l	20	9.7	10
Isophorone	ND		ug/l	50	5.5	10
Naphthalene	78		ug/l	20	9.0	10
Nitrobenzene	ND		ug/l	20	7.9	10
NDPA/DPA[1]	ND		ug/l	20	7.8	10
n-Nitrosodi-n-propylamine	ND		ug/l	50	6.3	10
Bis(2-ethylhexyl)phthalate	ND		ug/l	22	17.	10
Butyl benzyl phthalate	ND		ug/l	50	6.7	10
Di-n-butylphthalate	ND		ug/l	50	6.3	10
Di-n-octylphthalate	ND		ug/l	50	6.3	10
Diethyl phthalate	ND		ug/l	50	7.2	10

Project Name: LOT 3A IRM **Lab Number:** L1938656

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938656-01 D
Client ID: WW-06-190826-0745
Sample Location: ROME, NY

Date Collected: 08/26/19 07:45
Date Received: 08/26/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	50	14.	10
Benzo(a)anthracene	ND		ug/l	20	6.6	10
Benzo(a)pyrene	ND		ug/l	20	6.1	10
Benzo(b)fluoranthene	ND		ug/l	20	7.4	10
Benzo(k)fluoranthene	ND		ug/l	20	7.4	10
Chrysene	ND		ug/l	20	6.7	10
Acenaphthylene	10	J	ug/l	20	9.3	10
Anthracene	12	J	ug/l	20	7.9	10
Benzo(ghi)perylene	ND		ug/l	20	6.7	10
Fluorene	56		ug/l	20	9.3	10
Phenanthrene	18	J	ug/l	20	8.2	10
Dibenzo(a,h)anthracene	ND		ug/l	20	6.9	10
Indeno(1,2,3-cd)pyrene	ND		ug/l	20	6.3	10
Pyrene	14	J	ug/l	20	7.3	10
n-Nitrosodimethylamine[1]	ND		ug/l	20	4.1	10
2,4,6-Trichlorophenol	ND		ug/l	50	6.1	10
p-Chloro-m-cresol[1]	ND		ug/l	20	5.3	10
2-Chlorophenol	ND		ug/l	20	5.1	10
2,4-Dichlorophenol	ND		ug/l	50	5.5	10
2,4-Dimethylphenol	ND		ug/l	50	8.5	10
2-Nitrophenol	ND		ug/l	50	6.0	10
4-Nitrophenol	ND		ug/l	100	8.3	10
2,4-Dinitrophenol	ND		ug/l	200	12.	10
4,6-Dinitro-o-cresol	ND		ug/l	100	12.	10
Pentachlorophenol	ND		ug/l	50	6.2	10
Phenol	14	J	ug/l	50	2.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-87
Phenol-d6	33		16-65
Nitrobenzene-d5	63		42-122
2-Fluorobiphenyl	72		46-121
2,4,6-Tribromophenol	110		45-128
4-Terphenyl-d14	104		47-138

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/28/19 13:49
Analyst: EK

Extraction Method: EPA 625.1
Extraction Date: 08/28/19 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1277586-1					
Acenaphthene	ND		ug/l	2.0	0.41
Benzidine[1]	ND		ug/l	20	12.
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.5
Hexachlorobenzene	ND		ug/l	2.0	0.95
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.60
2-Chloronaphthalene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.46
2,4-Dinitrotoluene	ND		ug/l	5.0	0.64
2,6-Dinitrotoluene	ND		ug/l	5.0	0.63
Azobenzene[1]	ND		ug/l	2.0	0.89
Fluoranthene	ND		ug/l	2.0	0.74
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.37
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.45
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.82
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.58
Hexachlorobutadiene	ND		ug/l	2.0	0.92
Hexachlorocyclopentadiene[1]	ND		ug/l	10	1.4
Hexachloroethane	ND		ug/l	2.0	0.97
Isophorone	ND		ug/l	5.0	0.55
Naphthalene	ND		ug/l	2.0	0.90
Nitrobenzene	ND		ug/l	2.0	0.79
NDPA/DPA[1]	ND		ug/l	2.0	0.78
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.63
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.2	1.7
Butyl benzyl phthalate	ND		ug/l	5.0	0.67
Di-n-butylphthalate	ND		ug/l	5.0	0.63
Di-n-octylphthalate	ND		ug/l	5.0	0.63
Diethyl phthalate	ND		ug/l	5.0	0.72
Dimethyl phthalate	ND		ug/l	5.0	1.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/28/19 13:49
Analyst: EK

Extraction Method: EPA 625.1
Extraction Date: 08/28/19 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1277586-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.66
Benzo(a)pyrene	ND		ug/l	2.0	0.61
Benzo(b)fluoranthene	ND		ug/l	2.0	0.74
Benzo(k)fluoranthene	ND		ug/l	2.0	0.74
Chrysene	ND		ug/l	2.0	0.67
Acenaphthylene	ND		ug/l	2.0	0.93
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.67
Fluorene	ND		ug/l	2.0	0.93
Phenanthrene	ND		ug/l	2.0	0.82
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.69
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.63
Pyrene	ND		ug/l	2.0	0.73
n-Nitrosodimethylamine[1]	ND		ug/l	2.0	0.41
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol[1]	ND		ug/l	2.0	0.53
2-Chlorophenol	ND		ug/l	2.0	0.51
2,4-Dichlorophenol	ND		ug/l	5.0	0.55
2,4-Dimethylphenol	ND		ug/l	5.0	0.85
2-Nitrophenol	ND		ug/l	5.0	0.60
4-Nitrophenol	ND		ug/l	10	0.83
2,4-Dinitrophenol	ND		ug/l	20	1.2
4,6-Dinitro-o-cresol	ND		ug/l	10	1.2
Pentachlorophenol	ND		ug/l	5.0	0.62
Phenol	ND		ug/l	5.0	0.26

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 08/28/19 13:49
Analyst: EK

Extraction Method: EPA 625.1
Extraction Date: 08/28/19 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1277586-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-87
Phenol-d6	32		16-65
Nitrobenzene-d5	47		42-122
2-Fluorobiphenyl	53		46-121
2,4,6-Tribromophenol	65		45-128
4-Terphenyl-d14	74		47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

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: WG1277586-2								
Acenaphthene	90		-		60-132	-		48
Benzidine[1]	21		-		0-70	-		30
1,2,4-Trichlorobenzene	79		-		57-130	-		50
Hexachlorobenzene	103		-		8-142	-		55
Bis(2-chloroethyl)ether	78		-		43-126	-		108
2-Chloronaphthalene	91		-		65-120	-		24
3,3'-Dichlorobenzidine	46		-		8-213	-		108
2,4-Dinitrotoluene	117		-		48-127	-		42
2,6-Dinitrotoluene	112		-		68-137	-		48
Azobenzene[1]	93		-		44-115	-		23
Fluoranthene	108		-		43-121	-		66
4-Chlorophenyl phenyl ether	98		-		38-145	-		61
4-Bromophenyl phenyl ether	101		-		65-120	-		43
Bis(2-chloroisopropyl)ether	67		-		63-139	-		76
Bis(2-chloroethoxy)methane	85		-		49-165	-		54
Hexachlorobutadiene	82		-		38-120	-		62
Hexachlorocyclopentadiene[1]	73		-		7-118	-		35
Hexachloroethane	73		-		55-120	-		52
Isophorone	94		-		47-180	-		93
Naphthalene	82		-		36-120	-		65
Nitrobenzene	88		-		54-158	-		62
NDPA/DPA[1]	98		-		45-112	-		36
n-Nitrosodi-n-propylamine	92		-		14-198	-		87

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

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: WG1277586-2								
Bis(2-ethylhexyl)phthalate	97		-		29-137	-		82
Butyl benzyl phthalate	114		-		1-140	-		60
Di-n-butylphthalate	105		-		8-120	-		47
Di-n-octylphthalate	108		-		19-132	-		69
Diethyl phthalate	104		-		1-120	-		100
Dimethyl phthalate	104		-		1-120	-		183
Benzo(a)anthracene	104		-		42-133	-		53
Benzo(a)pyrene	117		-		32-148	-		72
Benzo(b)fluoranthene	117		-		42-140	-		71
Benzo(k)fluoranthene	111		-		25-146	-		63
Chrysene	94		-		44-140	-		87
Acenaphthylene	103		-		54-126	-		74
Anthracene	97		-		43-120	-		66
Benzo(ghi)perylene	112		-		1-195	-		97
Fluorene	98		-		70-120	-		38
Phenanthrene	90		-		65-120	-		39
Dibenzo(a,h)anthracene	120		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	103		-		1-151	-		99
Pyrene	98		-		70-120	-		49
n-Nitrosodimethylamine[1]	52		-		15-68	-		17
2,4,6-Trichlorophenol	110		-		52-129	-		58
p-Chloro-m-cresol[1]	110		-		68-130	-		73
2-Chlorophenol	88		-		36-120	-		61

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

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: WG1277586-2								
2,4-Dichlorophenol	104		-		53-122	-		50
2,4-Dimethylphenol	93		-		42-120	-		58
2-Nitrophenol	102		-		45-167	-		55
4-Nitrophenol	68		-		13-129	-		131
2,4-Dinitrophenol	110		-		1-173	-		132
4,6-Dinitro-o-cresol	114		-		56-130	-		203
Pentachlorophenol	95		-		38-152	-		86
Phenol	43		-		17-120	-		64

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62				25-87
Phenol-d6	44				16-65
Nitrobenzene-d5	78				42-122
2-Fluorobiphenyl	79				46-121
2,4,6-Tribromophenol	100				45-128
4-Terphenyl-d14	85				47-138

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938656
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938656-01
Client ID: WW-06-190826-0745
Sample Location: ROME, NY
Sample Depth:
Matrix: Water

Date Collected: 08/26/19 07:45
Date Received: 08/26/19
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	0.00154	J	mg/l	0.00400	0.00042	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00487		mg/l	0.00050	0.00016	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Chromium, Total	0.00052	J	mg/l	0.00100	0.00017	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Copper, Total	0.00309		mg/l	0.00100	0.00038	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Lead, Total	0.00253		mg/l	0.00100	0.00034	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Nickel, Total	0.02191		mg/l	0.00200	0.00055	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Thallium, Total	0.00026	J	mg/l	0.00050	0.00014	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Zinc, Total	0.04012		mg/l	0.01000	0.00341	1	08/29/19 14:16	08/29/19 22:31	EPA 3005A	1,6020B	AM
Low-Level Mercury - Mansfield Lab											
Mercury, Total	0.0057		ug/l	0.0005	0.0001	1	08/29/19 20:04	09/04/19 13:06	EPA 1631E	82,1631E	BV

Project Name: LOT 3A IRM **Lab Number:** L1938656

Project Number: 127887-007 **Report Date:** 09/04/19

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: WG1278327-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Thallium, Total	0.00016	J	mg/l	0.00050	0.00014	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/29/19 14:16	08/29/19 20:50	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Low-Level Mercury - Mansfield Lab for sample(s): 01 Batch: WG1278476-1										
Mercury, Total	ND		ug/l	0.0005	0.0001	1	08/29/19 20:04	09/04/19 12:41	82,1631E	BV

Prep Information

Digestion Method: EPA 1631E

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278327-2								
Antimony, Total	80		-		80-120	-		
Arsenic, Total	105		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Copper, Total	95		-		80-120	-		
Lead, Total	102		-		80-120	-		
Nickel, Total	99		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	93		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Zinc, Total	107		-		80-120	-		
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 Batch: WG1278476-2 SRM Lot Number: HG-LOW								
Mercury, Total	100		-		77-123	-		24

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

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 QC Batch ID: WG1278327-3 QC Sample: L1938656-01 Client ID: WW-06-190826-0745												
Antimony, Total	0.00154J	0.5	0.4857	97		-	-		75-125	-		20
Arsenic, Total	0.00487	0.12	0.1271	102		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.04709	94		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.05305	104		-	-		75-125	-		20
Chromium, Total	0.00052J	0.2	0.1944	97		-	-		75-125	-		20
Copper, Total	0.00309	0.25	0.2444	96		-	-		75-125	-		20
Lead, Total	0.00253	0.51	0.5287	103		-	-		75-125	-		20
Nickel, Total	0.02191	0.5	0.5122	98		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.120	100		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04897	98		-	-		75-125	-		20
Thallium, Total	0.00026J	0.12	0.1193	99		-	-		75-125	-		20
Zinc, Total	0.04012	0.5	0.5798	108		-	-		75-125	-		20
Low-Level Mercury - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278476-3 WG1278476-4 QC Sample: L1938656-01 Client ID: WW-06-190826-0745												
Mercury, Total	0.0057	0.005	0.0106	97		0.0106	97		71-125	0		24

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938656

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278327-4 QC Sample: L1938656-01 Client ID: WW-06-190826-0745						
Antimony, Total	0.00154J	0.00163J	mg/l	NC		20
Arsenic, Total	0.00487	0.00457	mg/l	6		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.00052J	0.00051J	mg/l	NC		20
Copper, Total	0.00309	0.00302	mg/l	2		20
Lead, Total	0.00253	0.00238	mg/l	6		20
Nickel, Total	0.02191	0.02103	mg/l	4		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	0.00026J	0.00076	mg/l	NC		20
Zinc, Total	0.04012	0.03804	mg/l	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938656-01
Client ID: WW-06-190826-0745
Sample Location: ROME, NY

Date Collected: 08/26/19 07:45
Date Received: 08/26/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	18.		mg/l	1.0	NA	1	-	08/27/19 15:50	121,2540D	DR
pH (H)	7.0		SU	-	NA	1	-	08/27/19 05:39	1,9040C	JW

Project Name: LOT 3A IRM **Lab Number:** L1938656

Project Number: 127887-007 **Report Date:** 09/04/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1277151-1										
Solids, Total Suspended	ND		mg/l	1.0	NA	1	-	08/27/19 15:50	121,2540D	DR

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1277060-1								
pH	100		-		99-101	-		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938656

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1277060-2 QC Sample: L1938658-01 Client ID: DUP Sample						
pH	5.9	5.6	SU	5		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1277151-2 QC Sample: L1938592-01 Client ID: DUP Sample						
Solids, Total Suspended	41.	42	mg/l	2		29

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938656
Report Date: 09/04/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1938656-01A	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1-TTO(3)
L1938656-01B	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1-TTO(3)
L1938656-01C	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1-TTO(3)
L1938656-01D	Plastic 60ml unpreserved	A	7	7	4.0	Y	Absent		PH-9040(1)
L1938656-01E	Teflon 250ml HCl preserved	A	<2	<2	4.0	Y	Absent		A2-HG-1631(28)
L1938656-01F	Plastic 250ml HNO3 preserved	A	<2	<2	4.0	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180)
L1938656-01G	Plastic 950ml unpreserved	A	7	7	4.0	Y	Absent		TSS-2540-LOW(7)
L1938656-01H	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		625.1-TTO(7)
L1938656-01I	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		625.1-TTO(7)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1938656
Project Number:	127887-007	**Report Date:**	09/04/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938656
Project Number:	127887-007	**Report Date:**	09/04/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938656
Project Number:	127887-007	**Report Date:**	09/04/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

82 Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry. USEPA Office of Water, EPA Method 1631 Revision E, EPA-821-R-02-019, August 2002.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page
of

Date Rec'd in Lab 8/27/19

ALPHA Job # L1938656

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TTO (VOCs) - 624	TTO (SVOCs) - 625	Metals (PPL)	Metals (Hg) - 1631	pH	TSS			Sample Specific Comments	Total Bottles
38656-01	WW-06-190826-0745	8/26/2019	7:45	W	PAF		X	X	X	X	X	X				9
Container Type							V	A	P	O	P	P				
Preservative							H	H	C	B	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
PAUL	8/26/19 16:30		8/26/19 11:30
	8/23/19 16:30		8/27/19 00:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

APPENDIX C

Boring Logs

TEST PROBE REPORT

Boring No. HA-DOC3A-01

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0		ASPHALT	M1	45			X			
	0.2	-FILL-				0.0				
		SAND								
1										
2						0.0				
3					3.0	0.0				
4										
5			M2	60		0.0	X			
6										
7						0.0				
8										
	8.5	CLAY				0.0	X			
9		-NATIVE-				0.0				
						0.0				
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-02

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL-	M1	37		0.0	X			
		SAND			1.0					
1										
2		1.8 to 3.0 ft sheen						X		
3						22.4				
4										
5		5.0 to 62 ft sheen	M2	60		26.6		X		
6										
7										
8						6.6				
9		9.2 to 9.6 ft sheen				1.8		X		
	9.6	CLAY				0.0	X			
10	10.0	-NATIVE- BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-03

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	40		0.0	X			
1										
2								X		
3		3.0 to 6.0 ft staining				0.0				
4					4.0					
5			M2	60		0.0		X		
6										
7						0.0	X			
8										
9	8.8	CLAY -NATIVE-				0.0	X			
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-04

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	22		0.0	X			
1										
2						0.0				
3						0.0				
4										
5			M2	52			X			
						0.0				
6					6.0					
7										
						0.0				
8										
9						0.0				
10	10.0	CLAY -NATIVE-	M3			0.0	X			
11										
12										
13										
14										
15	15.0	BOTTOM OF EXPLORATION 15.0 FT								

Backfill: 15' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-05

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0		Attempted Geoprobe sample. No recovery.	M1	0						
1										
2		Refusal at 2.6 ft.								
	2.6	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 2.6' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-05A

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT	M1	41			X			
		-FILL-				0.0				
		SAND								
1										
2						0.0				
						0.0				
					4.0					
			M2	55			X			
						0.0				
						0.0				
	8.2	CLAY					X			
		-NATIVE-				0.0				
	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 2.6' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-06

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	40		0.0	X			
1										
2						0.0				
3										
4										
5			M2	60	5.0		X			
						0.0				
6										
7										
8		8.2 to 9.0 ft sheen				3.3		X		
9	9.0	CLAY -NATIVE-				0.0	X			
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-07

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	26		0.7	X			
1										
2						0.0				
3					3.0					
4										
5			M2	0			X			
6										
7										
8										
9										
10	10.0	CLAY -NATIVE-	M3	60			X			
11						0.0				
12										
13						0.0				
14										
15	15.0	BOTTOM OF EXPLORATION 15.0 FT								

Backfill: 15' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-08

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT	M1	33			X			
		-FILL-				0.0				
		SAND								
1										
2										
3						0.0				
4										
5			M2	53			X			
						0.0				
6					6.0					
7										
						0.0				
8								X		
		8.5 to 9.3 ft sheen				12.2				
9						74.7			X	
		9.3 to 9.5 ft blebs								
10			M3				X			
						0.0				
11										
						66.5				
12	12.2	12.1 to 12.2 blebs							X	
		CLAY								
		-NATIVE-								
13						0.0	X			
14										
						0.0				
15	15.0	BOTTOM OF EXPLORATION 15.0 FT								

Backfill: 15' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-09

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	40		4.1	X			
1										
2						10.9				
3						3.7				
4										
5			M2	60	5.0	3.1	X			
6										
7										
8						1.4				
9	9.3	CLAY -NATIVE-				1.5				
10	10.0	BOTTOM OF EXPLORATION 10.0 FT				0.0	X			

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-10

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	38		0.0	X			
1										
2						0.0				
3										
4					4.0					
5			M2	60			X			
						0.0				
6										
7										
		7.5 to 8.1 ft blebs				61.9			X	
8	8.1	CLAY -NATIVE-								
9										
	9.6					0.0	X			
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-101

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0		ASPHALT	M1	38			X			
	0.2	-FILL-				0.0				
1		SAND								
2		1.8 to 2.5 ft sheen/staining				0.0		X		
3						0.0				
4					4.0	0.0	X			
5			M2	60		0.0	X			
6						0.0				
7							X			
8						0.0	X			
9						0.0				
	9.5	CLAY								
10	10.0	-NATIVE-								
		BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-102

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	42		0.9	X			
1	1.5	CONCRETE				1.6				
2	1.7	SAND 1.7 to 2.6 ft saturated				53				X
	2.6	CONCRETE				47				
3	2.8	SAND 2.8 to 5.5 ft sheen and blebs								
4					4.0			X		
5			M2	60		7.9				
6										
7						0.0	X			
8	7.8	CLAY -NATIVE-				3.0				
9						0.7	X			
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-103

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	36		0.0	X			
1										
2	2.5	SAND				0.0				
3					3.0					
4						0.0				
5			M2	60						
6		6.1 to 7.4 ft sheens and blebs				0.0		X		
7						0.4				
8		8.5 to 8.9 ft sheen and staining				0.4			X	
9	8.9	CLAY 8.9 to 10 ft small blebs				7.2 / 3.0		X		
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-104

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.3	ASPHALT	M1	24			X			
		-FILL-				0.7				X
1		SAND AND GRAVEL 0.3 to 1.5 ft saturated							X	
		1.5 to 2.0 ft staining				0.2				
2	2.0	Refusal on concrete.								
		BOTTOM OF EXPLORATION 2.0 FT								

Backfill: 2' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-105

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0		ASPHALT	M1	40			X			
	0.4	-FILL-				1.4		X		
	0.9	SAND								
1		0.4 to 0.9 ft staining				0.5	X			
	1.1	CONCRETE				1.3		X		
		SAND								
2	2.0	1.1 to 2.0 ft staining								
		SAND								
3					2.9	0.0	X			
4						0.0				
5			M2	60			X			
6						0.5				
7						0.0				
	7.6	CLAY					X			
8		-NATIVE-				0.0				
9						0.0				
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-106

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0		ASPHALT	M1	42		0.0	X			
	0.5	-FILL-				0.0	X			
		SAND								
1	1.0	GRAVEL/ASH				0.0		X		
	1.4	1.0 to 1.4 ft staining				0.5				
		SAND								
2		2.2 to 6.7 ft sheen and blebs							X	
3					2.8	3.4				
4						23.0			X	
5			M2	60		5.6				
6						3.5				
	6.7					6.5			X	
7		CLAY 6.7 to 7.3 blebs				28.3				
8						8.4				
9						2.6		X		
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-107

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL-	M1	36		0.0	X			
1	0.9	SAND AND GRAVEL CONCRETE					X			
	1.7	SAND					X			
2	2.0	SAND/GRAVEL/CONCRETE				0.0				X
		2.6 to 6.1 saturated								
3						6.2	X			
4										
5			M2	60		4.2				X
6	6.1	SAND -NATIVE-			6.0	2.7		X		
		6.1 to 7.0 ft staining/sheen								
7						1.2	X			
8						1.8				
9	9.0	CLAY -NATIVE-				0.9	X			
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-108

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.3	ASPHALT -FILL-	M1	19		0.0	X			
		SAND AND GRAVEL								
1						0.0				
2						0.0				
3					3.0	0.6		X		
		3.5 to 4.0 ft staining								
4	4.0	Refusal on concrete. BOTTOM OF EXPLORATION 4.0 FT								

Backfill: 4' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-109

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0		ASPHALT	M1	35		0.0	X			
	0.3	-FILL-								
		SAND AND GRAVEL								
1	1.4	SAND				0.0				
2		2.0 to 2.5 ft staining				0.0		X		
3							X			
4					4.0	0.0	X			
5		5.0 ft to 6.5 ft sheen and staining	M2	50				X		
6						0.0				
	6.5	SAND					X			
7										
8						0.0				
9										
	9.5	CLAY				0.2				
10	10.0	-NATIVE-								
		BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-11

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	40		0.0	X			
1										
2						0.0				
3										
4										
5			M2	55	5.0		X			
6						0.0				
7										
8						0.0				
9		9.0 to 9.3 ft sheen				0.7		X		
10			M3	60						
11	11.0	*Sample stuck in casing; could not extract gravel at top. Clay in the bottom.					X			
12										
13		CLAY -NATIVE-								
14										
15	15.0	BOTTOM OF EXPLORATION 15.0 FT								

Backfill: 15' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-110

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL-	M1	31		0.0	X			
1		SAND AND GRAVEL 1.0 to 1.8 ft staining								
2	2.3	SAND				0.6		X		
3							X			
4					4.0	0.0				
5		5.0 to 7.8 ft saturated	M2	36						X
6						1.7				
7										
8		7.8 to 10.0 ft sheen				0.4		X		
9						0.5				
10		10.0 to 11.5 ft saturated	M3	48						X
11						0.2				
12	12.0	CLAY -NATIVE-								
13						0.0	X			
14	14.0	BOTTOM OF EXPLORATION 14.0 FT								

Backfill: 14' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-111

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL-	M1	36		0.0	X			
1		SAND AND GRAVEL				0.2				
	1.8	1.5 to 1.8 ft staining						X		
2		SAND -NATIVE-								
3						0.2				
4					4.0					
5		5.0 to 7.7 ft blebs and sheen	M2	60		1.6			X	
6						3.3				
7						8.5				
	7.8	CLAY -NATIVE-				1.7	X			
9						1.0	X			
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-112

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	16 May 2019
Field Rep.	A. Nichols
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND AND GRAVEL	M1	40		0.0	X			
1										
2		2.0 to 3.0 ft staining				1.8		X		
3		3.0 to 6.0 ft saturated				3.3				X
4					4.0	21.0				
5			M2	12		5.2				
		Refusal at 6.0 ft.								X
6	6.0	BOTTOM OF EXPLORATION 6.0 FT								

Backfill: 6' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-12

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	35		0.0	X			
1										
2					2.0	0.0				
3										
4										
5			M2	34		0.0	X			
6										
7										
8						0.0				
9										
10	10.1	CLAY -NATIVE-	M3	60			X			
11						0.0				
12										
13										
14										
15	15.0	BOTTOM OF EXPLORATION 15.0 FT								

Backfill: 15' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-13

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	44		0.0	X			
1										
2						0.0				
3					3.0					
4										
5			M2	50			X			
6						0.0				
7										
8						0.0				
9										
10			M3	50			X			
11	11.0	M3 stuck in rod CLAY -NATIVE-								
12										
13										
14						0.0				
15	15.0	BOTTOM OF EXPLORATION 15.0 FT								

Backfill: 15' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-14

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	37		0.0	X			
1										
2						0.0				
3					3.0					
4			M2	35			X			
5						0.6				
6						0.0				
7										
8	8.0	CLAY -NATIVE-	M3	48			X			
9										
10						0.0				
11										
12	12.0	BOTTOM OF EXPLORATION 12.0 FT								

Backfill: 12' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-15

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0		ASPHALT	M1	42			X			
	0.2	-FILL-				0.0				
1		SAND								
2		2.2 to 2.7 ft sheen				4.3			X	
3					3.0	2.1				
4										
5			M2	60			X			
6						1.2				
7		6.7 to 7.1 ft sheen				0.9			X	
	7.2	CLAY				0.0	X			
		-NATIVE-								
8	7.9	SAND				0.6		X		
		7.9 to 8.6 ft sheen								
	8.6	CLAY								
9						0.0	X			
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-16

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- GRAVEL	M1	28		0.0	X			
1										
2						0.0				
3					3.0					
4										
5			M2	46			X			
6	6.0	SAND 6.0 to 7.3 ft sheen				1.6		X		
7	7.3	CLAY -NATIVE-				0.0				
8							X			
9						0.0				
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-17

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	35		0.0	X			
1										
2						0.0				
		2.4 to 3.5 ft staining				0.0		X		
3							X			
4					4.0					
5			M2	60			X			
						0.0				
6										
7										
8										
		8.3 to 8.4 ft sheen				0.0				
						0.2		X		
9	9.1	CLAY -NATIVE-				0.0	X			
						0.0				
10	10.0	BOTTOM OF EXPLORATION 10.0 FT								

Backfill: 10' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-18

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	35		0.0	X			
1										
2										
3					3.0	0.0				
4		3.6 to 5.3 ft creosote saturated				15.3				X
5	5.3	BOTTOM OF EXPLORATION 5.3 FT Refusal	M2	0						

Backfill: 5.3' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-18A

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	42		0.0	X			
1										
2						0.0				
3										
4										
5			M2	60		0.0	X			
6					6.0	0.0				
7										
8						0.0				
9										
10	10.0	CLAY -NATIVE-	M3	55			X			
11						0.0				
12										
13										
14						0.0				
15	15.0	BOTTOM OF EXPLORATION 15.0 FT								

Backfill: 15' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-18B

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	01 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	35		0.0	X			
1										
2										
3					3.0					
		3.6 to 6.3 ft creosote saturated				0.0				X
4						43.7				
5			M2	8						
6	6.3					12.5				
		BOTTOM OF EXPLORATION 6.3 FT Refusal								

Backfill: 6.3' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-18C

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	14		0.0	X			
1										
2										
3										
4			M2	26	4.0	1.2	X			
		4.6 to 11.8 ft saturated								X
5										
						12.5				
6										
7										
8			M3	48						
9										
										X
10						13.7				
11										
12	11.8	CLAY				0.5	X			
	12.0	-NATIVE- BOTTOM OF EXPLORATION 12.0 FT								

Backfill: 12' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-18D

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations: Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0		ASPHALT	M1	33			X			
	0.2	-FILL-				0.0				
		SAND								
1										
2						0.0				
3										
4			M2	42	4.0		X			
						0.0				
5		5.1 to 7.5 ft sheen with blebs								
6						8.4			X	
7										
	7.3	Wood								
	7.5	BOTTOM OF EXPLORATION 7.5 FT								
		Refusal on wood								

Backfill: 7.5' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-19

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	37		0.0	X			
1										
2						0.0				
3						0.0				
4			M2	48	4.0		X			
5						0.0				
6						0.0				
7						0.0				
8	8.0	CLAY -NATIVE-	M3	48			X			
9										
10						0.0				
11										
12	12.0	BOTTOM OF EXPLORATION 12.0 FT								

Backfill: 12' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-20

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	26		0.0	X			
1										
2						0.0				
3										
4			M2	48	4.0	0.0	X			
5										
6						0.0				
7										
8			M3	48		0.0 2.3	X			
9	8.6	CLAY -NATIVE-								
10						0.0				
11										
12	11.7 12.0	SAND 11.7 to 12.0 ft sheen BOTTOM OF EXPLORATION 12.0 FT				146.5		X		

Backfill: 12' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

TEST PROBE REPORT

Boring No. HA-DOC3A-21

Project	Former Federal Cresosote Site - Lot 3A IRM, Rome, NY
Client	Greenfield Environmental Multistate Trust (GEMT)
Contractor	NYEG Drilling, Inc.

File No.	127887-007
Sheet No.	1 of 1
Project Mgr.	C. Mondello
Date	02 May 2019
Field Rep.	D. Keller
Driller	J. Lyon
Datum	NAD83 NY Central

Rig Type	Geoprobe 7720 DT
Core Type	Macro Core
Core Diameter	1.25 in.

Assumed Creosote-Related Impacts Include the Following Observations:
Odor, staining, Sheen, and/or Creosote Blebs
NR = Not Recorded

Scale (ft)	Stratum Change (ft)	Description of Strata (cinder, sand, gravel, clay, etc.) (fill/native)	Sample ID	Recovery (in.)	Depth to Water (ft)	PID (ppm)	Opinion of Visual Impacts: None	Low Impacts	Low to Moderate Impacts	Presence of Creosote-Saturated Soil
0	0.2	ASPHALT -FILL- SAND	M1	10		0.0	X			
1										
2										
3										
4			M2	48	4.0	0.0	X			
5						0.0				
6		6.0 to 6.6 sheen				50.2		X		
7	6.9	CLAY -NATIVE-				0.0	X			
8	8.0	BOTTOM OF EXPLORATION 8.0 FT								

Backfill: 8' to 0' Cuttings

TEST PROBE REPORT-REV 127887-003_HA-LIB09-REV_WITH TEST PROBE W PID REPORT.GLB HA-TB+CORE+WELL-07-1.GDT G:\127887_GEMT ROME, NY SITE\GLOBAL\GINT\127887-007_TEST PROBE REPORTS.GPJ 20 Nov 19

APPENDIX D

Photograph Log

Photo 1: Sheet piles surrounding cell 6
26 June 2019

Photo 2: Asphalt removal from cell 1
28 June 2019

Photo 3: Cell 1 excavation
2 July 2019

Photo 4: Excavated soil stockpile
3 July 2019

Photo 5: Soil stockpile staging area
8 July 2019

Photo 6: Concrete structure in cell A
8 July 2019

Photo 7: Soil excavation in cell A
8 July 2019

Photo 8: Dewatering cell
9 July 2019

Photo 9: Backfilled cells A, B3 and 2A
12 July 2019

Photo 10: Concrete removal from cell 2B
15 July 2019

Photo 11: Sheet pile installation in cell 2C
16 July 2019

Photo 12: Dewatering cell and soil stockpiles
16 July 2019

Photo 13: Backfilling cell 2C
22 July 2019

Photo 14: Sheet pile driving in cells 3A and 3B
29 July 2019

Photo 15: Excavation cells 3A and 4A
2 August 2019

Photo 16: Frac tanks
8 August 2019

Photo 17: Breaking and excavating concrete in Cell 3C
9 August 2019

Photo 18: Water in excavation cell 3C
19 August 2019

Photo 19: Edge of concrete slab left in place, Cell 4B
23 August 2019

Photo 20: Excavation cells 4C, 5B and 5C
27 August 2019

Photo 21: Clay at base of excavation cell 4C
27 August 2019

Photo 22: Sheet pile removal and backfilling
9 September 2019

Photo 23: Asphalt excavation of load-out for recycling
11 September 2019

Photo 24: Site grading prior to asphalting
12 September 2019

Photo 25: Re-graded parking lot prior to asphalting
16 September 2019

Photo 26: New asphalt over parking lot area
27 September 2019

APPENDIX E

Documentation Sample Analytical Data

Full Level IV data packages provided in separate electronic deliverable

Data Usability Summary Reports

Haley & Aldrich, Inc.
600 South Meyer Ave
Suite 100
Tucson, AZ 85701
520.289.8621

Data Usability Summary Report

Project Name: Rome GEMT (NY) – Lot 3A IRM

Analytical Laboratory: Alpha Analytical – Westborough, MA

Validation Performed by: Vanessa Godard

Validation Reviewed by: Katherine Miller

Validation Date: July 2019

Haley & Aldrich, Inc., prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the Rome GEMT soil samples collected on 01, 02 and 16 May 2019. The analytical results for Sample Delivery Group(s) (SDG) listed below were reviewed to determine the data's usability. This data validation and usability assessment was performed per the guidance and requirements established by the U.S. Environmental Protection Agency's (EPA) "National Functional Guidelines for Organic Data Review". The following quality assurance/quality control criteria from the analysis of the project samples were reviewed as applicable:

1. Sample Delivery Group Number L1918111
2. Sample Delivery Group Number L1918379
3. Sample Delivery Group Number L1920729

- Holding Times/Preservation
- Reporting Limits and Sample Dilution
- Reporting Basis (Wet/Dry)
- Blank Sample Analysis
- Surrogate Recovery Compliance
- Laboratory Control Samples
- Matrix Spike Samples
- Laboratory and Field Duplicate Sample Analysis
- System Performance and Overall Assessment

Analytical precision and accuracy were evaluated based on the laboratory control, matrix spike, or laboratory duplicate analyses performed concurrently with the project samples or based on field duplicates collected at the site.

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and RL are flagged "J" estimated.

Sample data were qualified in accordance with laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives for the project and usable; any exceptions are noted in the following pages.

1. Sample Delivery Group Number L1918111

1.1 SUMMARY

This DUSR summarizes the review of SDG number L1918111. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-01-190501-1035	N	L1918111-01	5/1/2019	Soil	A, B, D
DOC3A-02-190501-1210	N	L1918111-02	5/1/2019	Soil	A, B, D
DOC3A-03-190501-1315	N	L1918111-03	5/1/2019	Soil	A, B, C, D
DOC3A-04-190501-1345	N	L1918111-04	5/1/2019	Soil	A, C, D
DOC3A-05-190501-1550	N	L1918111-05	5/1/2019	Soil	A, B, D
DOC3A-06-190501-1630	N	L1918111-06	5/1/2019	Soil	A, B, D
1234-190501-0001	TB	L1918111-07	5/1/2019	Blank	B

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. Volatile Organic Compounds (VOCs) by EPA 8260C (TerraCore – DI vial) ---------- Freeze in 48 hrs.; 14 days
C. Volatile Organic Compounds (VOCs) by EPA 8260C (TerraCore – Methanol vial) ---------- 14 days
D. Semi-Volatile Organic Compounds (SVOCs) by EPA 8260C ---------- 14 days extraction; 40 days analysis

1.2 CASE NARRATIVE

The Alpha laboratory report case narrative lists various additional points of interest:

- The lab noted differences between the results of the low-level and high-level analyses for sample L1918111-03 VOC analysis by EPA 8260C. The lab attributed these differences to vial discrepancies. Further re-analysis could not be performed due to the existing vials being compromised from analysis. Both runs were reported, and no glaring discrepancies were noted by the reviewer. The low-level run shows concentrations for certain VOCs that would not have been seen at the high level due to elevated reporting limits.

1.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 4.1 Degrees C.

1.4 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Analyte/ Method	Dilution Factor	Issue/Explanation
DOC3A-02-190501-1210	L1918111-02	VOCs by EPA 8260C	500x	Dilution required due to high target analyte concentrations.
		SVOCs by EPA 8270D	125x	
DOC3A-03-190501-1315	L1918111-03	Naphthalene by EPA 8260C	Methanol Vial*	
DOC3A-04-190501-1345	L1918111-04	VOCs by EPA 8260C	Methanol Vial	
DOC3A-06-190501-1630	L1918111-06	VOCs by EPA 8260C	20x	
DOC3A-05-190501-1550	L1918111-05	SVOCs by EPA 8270D	4x	

* Naphthalene exceeded the calibration range for the low-level DI water vial. The lab analyzed the high-level methanol vial to get the Naphthalene concentration within calibration range. Only Naphthalene is reported from the high-level methanol analysis, with elevated reporting limits.

1.5 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to within limits.

1.6 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1233889-5	Methyl tert butyl ether	0.20 J ug/kg	NA	None, associated samples ND.
Method Blank	WG1233891-5	Methyl tert butyl ether	10 J ug/kg	NA	None, associated samples ND.
Method Blank	WG1233999-5	Methyl tert butyl ether	14 J ug/kg	NA	None, associated samples ND.
Method Blank	WG1234434-5	Bromomethane	30 J ug/kg	NA	None, associated samples ND.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport. Blank samples for field quality control had no detections, indicating that no contamination from field activities occurred.

1.7 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits with the following exceptions:

Method	Sample ID	Lab ID	Surrogate	Recovery	Qualification
EPA 8270D	DOC3A-02-190501-1210	L1918111-02	2-Fluorobiphenol	0%	None, the sample was diluted 125x. This dilution effectively dilutes the added surrogate spikes out and makes the recovery irrelevant.
			Phenol-d6	0%	
			Nitrobenzene-d5	0%	
			2-Fluorobiphenyl	0%	
			2,4,6-tribromophenol	0%	
			4-terphenyl-d14	0%	

1.8 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCSD	EPA 8260C	WG1233999	Trichlorofluoromethane	146%	NA	None, sample ND.
LCS/LCSD		WG1234434	Carbon tetrachloride	134%/137%	NA	None, sample ND.
LCS/LCSD			Trichlorofluoromethane	140%/154%	NA	None, sample ND.
LCSD			1,1,1-Trichloroethane	133%	NA	None, sample ND.
LCS/LCSD	EPA 8270D	WG1233745	3,3'-Dichlorobenzidine	34%/35%	**J/UJ**	**All Samples**
LCS			Biphenyl	50%	**J/UJ**	**All Samples**
LCS/LCSD			Carbazole	50%/53%	**J/UJ**	**All Samples**

1.9 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

1.10 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20% (or the absolute difference rule was satisfied if detects were less than 5x the RL):

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
L1918111-02	DOC3A-02-190501-1210	Total Solids by EPA 2540G

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

1.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable except for rejected data noted below. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
All Samples	3,3'-Dichlorobenzidine	Detect/ND U	Detect J/ND UJ	Lab Control Sample Exceedance
	Biphenyl	Detect/ND U	Detect J/ND UJ	
	Carbazole	Detect/ND U	Detect J/ND UJ	
DOC3A-03-190501-1315	VOCs by Methanol	ND U	Reject	Alternate Data Available from DI Vial
	Naphthalene by DI Water	Detect	Reject	Calibration Range Exceeded

2. Sample Delivery Group Number L1918379

2.1 SUMMARY

This DUSR summarizes the review of SDG number L1918379. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized.
- The sample ID was updated on 6/13/2019 for sample L1918379-04 by client request.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
1234-190502-0001	TB	L1918379-01	5/2/2019	Blank	B
1234-190502-0002	FD	L1918379-02	5/2/2019	Soil	A, C, D
DOC3A-07-190502-0830	N	L1918379-03	5/2/2019	Soil	A, C, D
DOC3A-08-190502-0930	N	L1918379-04	5/2/2019	Soil	A, C, D
DOC3A-09-190502-1030	N	L1918379-05	5/2/2019	Soil	A, B, D
DOC3A-10-190502-1130	N	L1918379-06	5/2/2019	Soil	A, C, D
DOC3A-11-190502-1210	N	L1918379-07	5/2/2019	Soil	A, C, D
DOC3A-12-190502-1330	N	L1918379-08	5/2/2019	Soil	A, C, D
DOC3A-13-190502-1410	N	L1918379-09	5/2/2019	Soil	A, B, D
DOC3A-14-190502-1500	N	L1918379-10	5/2/2019	Soil	A, C, D
DOC3A-21-190502-1530	N	L1918379-11	5/2/2019	Soil	A, C, D

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. Volatile Organic Compounds (VOCs) by EPA 8260C (TerraCore – DI vial) ---------- Freeze in 48 hrs.; 14 days
C. Volatile Organic Compounds (VOCs) by EPA 8260C (TerraCore – Methanol vial) ---------- 14 days
D. Semi-Volatile Organic Compounds (SVOCs) by EPA 8260C ---------- 14 days extraction; 40 days analysis

2.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 3.2 Degrees C.

2.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Analyte/ Method	Dilution Factor	Issue/Explanation
1234-190502-0002	L1918379-02*	VOCs by EPA 8260C	200x	Dilution required due to high target analyte concentrations.
DOC3A-10-190502-1130	L1918379-06*		200x	
DOC3A-08-190502-0930	L1918379-04		10x	
DOC3A-21-190502-1530	L1918379-11		5x	
Various	2, 3, 4, 6, 7, 8, 10, 11		Methanol**	
DOC3A-10-190502-1130	L1918379-06	SVOCs by EPA 8270D	50x	
DOC3A-08-190502-0930	L1918379-04		5x	
DOC3A-21-190502-1530	L1918379-11		2x	Dilution required by sample matrix.

* These samples were reanalyzed at a higher dilution for naphthalene only in order to report it within the calibration range.
** High-level methanol vial analyzed, resulting in elevated reporting limits.

2.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a/dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to within limits.

2.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1234617	Bromomethane	76 J ug/kg	**RL U**	**L1918379-08**

Field blanks are prepared to identify contamination that may have been introduced during field activity. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport. Blank samples for field quality control had no detections, indicating that no contamination from field activities occurred.

2.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits with the following exceptions:

Method	Sample ID	Lab ID	Surrogate	Recovery	Qualification
EPA 8270D	DOC3A-10-190502-1130	L1918379-06	2-Fluorobiphenol	0%	None, the sample was diluted 50x. This dilution effectively dilutes the added surrogate spikes out and makes the recovery irrelevant.
			Phenol-d6	0%	
			Nitrobenzene-d5	0%	
			2-Fluorobiphenyl	0%	
			2,4,6-tribromophenol	0%	
			4-terphenyl-d14	0%	

2.7 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. The sample(s) below were used for MS/MSD:

Lab Sample Number	Matrix Spike/ Matrix Spike Duplicate Sample Client ID	Method(s)
L1918379-05	DOC3A-09-190502-1030	VOCs by EPA 8260C; SVOCs by EPA 8270D

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits with the following exceptions:

Sample Type	Method	Parent Sample Number	Analyte	%R/RPD	Qualifier	Affected Samples
MSD	EPA 8260C	DOC3A-09	1,1,2,2-Tetrachloroethane	65%	**UJ**	**DOC3A-09**
MS			Bromomethane	55%	**UJ**	**DOC3A-09**
MSD			Dichlorodifluoromethane	RPD = 40%	NA	None, sample ND
MSD			2-Hexanone	63%	**UJ**	**DOC3A-09**
MSD			1,2-Dibromo-3-chloropropane	64%	**UJ**	**DOC3A-09**
MSD			Naphthalene	141%	**J**	**DOC3A-09**
MS			1,2,3-Trichlorobenzene	67%	**UJ**	**DOC3A-09**
MS			1,2,4-Trichlorobenzene	66%	**UJ**	**DOC3A-09**

2.8 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20% (or the absolute difference rule was satisfied if detects were less than 5x the RL):

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
L1918379-05	DOC3A-09-190502-1030	Total Solids by EPA 2540G

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD comparison for any field duplicates in this SDG is shown below. RPDs were all below 50% for soil (or the absolute difference rule was satisfied if detects were less than 5x the RL). Any exceptions are noted below and qualified.

Field Duplicate RPD Calculations:

Method	Analyte (µg/kg, unless noted)	Primary Sample ID	Duplicate Sample ID	% RPD	Qualification
		DOC3A-08-190502-0930	1234-190502-0002		
2540G	Total Solids (%)	**80.0**	**79.3**	0.9	None, RPD < 50%
VOCs 8260C	Ethylbenzene	**290 J**	**56,000**	NA	**J-Flag, Abs. Diff. > RL**
	Isopropylbenzene	690 U	**6,800 J**	NA	None, Abs. Diff. < RL
	m,p-Xylenes	**800 J**	**120,000**	NA	**J-Flag, Abs. Diff. > RL**
	Naphthalene	**130,000**	**24,000,000**	**197.8**	**J-Flag, RPD > 50%**
	o-Xylene	690 U	**42,000**	NA	**J-Flag, Abs. Diff. > RL**
	Toluene	690 U	**35,000**	NA	**J-Flag, Abs. Diff. > RL**
SVOCs 8270D	2-Methylnaphthalene	**8,500**	**2,700**	**103.6**	**J-Flag, RPD > 50%**
	Acenaphthene	**7,100**	**2,500**	**95.8**	**J-Flag, RPD > 50%**
	Acenaphthylene	**690 J**	**230**	NA	None, Abs. Diff. < RL
	Anthracene	**2,500**	**870**	NA	**J-Flag, Abs. Diff. > RL**
	Benzo(a)anthracene	**2,900**	**1,100**	NA	**J-Flag, Abs. Diff. > RL**
	Benzo(a)pyrene	**1,100**	**110 J**	NA	**J-Flag, Abs. Diff. > RL**
	Benzo(b)fluoranthene	**1,600**	**560**	NA	**J-Flag, Abs. Diff. > RL**
	Benzo(g,h,i)perylene	**290 J**	**110 J**	NA	None, Abs. Diff. < RL
	Benzo(k)fluoranthene	**630**	**210**	NA	None, Abs. Diff. < RL
	Biphenyl	**1,900 J**	**600**	NA	None, Abs. Diff. < RL
	Carbazole	**1,800**	**1,000**	NA	None, Abs. Diff. < RL
	Chrysene	**2,000**	**760**	NA	**J-Flag, Abs. Diff. > RL**
	Dibenz(a,h)anthracene	610 U	**33 J**	NA	None, Abs. Diff. < RL
	Dibenzofuran	**6,400**	**2,400**	**90.9**	**J-Flag, RPD > 50%**
	Fluoranthene	**9,700**	**3,900**	**85.3**	**J-Flag, RPD > 50%**
	Fluorene	**7,700**	**3,000**	**87.9**	**J-Flag, RPD > 50%**
	Indeno(1,2,3-cd)pyrene	**410 J**	**130 J**	NA	None, Abs. Diff. < RL
	Naphthalene	**22,000**	**7,700**	**96.3**	**J-Flag, RPD > 50%**
	Phenanthrene	**16,000**	**6,600**	**83.2**	**J-Flag, RPD > 50%**
	Pyrene	**6,500**	**2,600**	**85.7**	**J-Flag, RPD > 50%**

Field notes and lab tracking were reviewed to double check these samples were the correct parent/duplicate pair.

2.9 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/LCSD	EPA 8260C	WG1234494	Chloromethane	133%/132%	NA	None, samples ND.
LCS	EPA 8270D	WG1234146	p-Chloro-m-cresol	104%	NA	None, samples ND.

2.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-12	Bromomethane	94 J	150 U	Method Blank Contamination
DOC3A-09	1,1,2,2-Tetrachloroethane	ND U	ND UJ	Matrix Spike Exceedance
	Bromomethane	ND U	ND UJ	
	2-Hexanone	ND U	ND UJ	
	1,2-Dibromo-3-chloropropane	ND U	ND UJ	
	Naphthalene	240	240 J	
	1,2,3-Trichlorobenzene	ND U	ND UJ	
	1,2,4-Trichlorobenzene	ND U	ND UJ	
DOC3A-08 & 1234-190502-0002	5 VOCs (See Section 2.8)	Detect/ ND U	Detect J/ ND UJ	Field Duplicate RPD
	13 SVOCs (See Section 2.8)	Detect	Detect J	

3. Sample Delivery Group Number L1920729

3.1 SUMMARY

This DUSR summarizes the review of SDG number L1920729. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-111-190516-1730	N	L1920729-01	5/16/2019	Soil	A, B, C

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. Volatile Organic Compounds (VOCs) by EPA 8260C (TerraCore – Methanol vial) ---------- 14 days
C. Semi-Volatile Organic Compounds (SVOCs) by EPA 8260C ---------- 14 days extraction; 40 days analysis

3.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 3.4 Degrees C.

3.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Analyte/ Method	Dilution Factor	Issue/Explanation
DOC3A-111-190516-1730	L1920729-01	SVOCs by EPA 8270D	25x	Dilution required due to high target analyte concentrations.
		VOCs by EPA 8260C	5x	
			Methanol*	

** High-level methanol vial analyzed, resulting in elevated reporting limits.

3.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to within limits.

3.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1240335	Methyl tert butyl ether	12 J ug/kg	NA	None, sample ND.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport. Blank samples for field quality control were not collected in this SDG.

3.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits with the following exceptions:

Method	Sample ID	Lab ID	Surrogate	Recovery	Qualification
EPA 8270D	DOC3A-111-190516-1730	L1920729-01	2-Fluorobiphenol	0%	None, the sample was diluted 25x. This dilution effectively dilutes the added surrogate spikes out and makes the recovery irrelevant.
			Phenol-d6	0%	
			Nitrobenzene-d5	0%	
			2-Fluorobiphenyl	0%	
			2,4,6-tribromophenol	0%	
			4-terphenyl-d14	0%	

3.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/LCSD	EPA 8260C	WG1240335	Vinyl chloride	133%/133%	NA	None, sample ND.
LCSD			Chloroethane	152%	NA	None, sample ND.
LCS/LCSD	EPA 8270D	WG1239455	Hexachlorocyclopentadiene	7%/7%	**R**	**L1920729-01**

3.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

3.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20% (or the absolute difference rule was satisfied if detects were less than 5x the RL):

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
L1920729-01	DOC3A-111-190516-1730	Total Solids by EPA 2540G

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

3.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable except for rejected data noted below. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-111	Hexachlorocyclopentadiene	ND U	Reject	Extremely Low LCS Recovery

References

1. United States Environmental Protection Agency ,2017a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-540-R-2017-001. January.

2. United States Environmental Protection Agency, 2017b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-2017-002. January.

Glossary

- Sample Types:
  - N Primary Sample
  - FD Field Duplicate Sample
  - FB Field Blank Sample
  - EB Equipment Blank Sample
  - TB Trip Blank Sample
- Units:
  - µg/kg or ug/kg microgram per kilogram
  - mg/kg milligram per kilogram
  - % percent
- Table Footnotes
  - NA Not applicable
  - ND Non-detect

Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D The concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - J+ The result is an estimated quantity, but the result may be biased high.
  - J- The result is an estimated quantity, but the result may be biased low.
  - UJ The compound was not detected above the reported sample quantitation limit; however, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is therefore an estimated concentration only.
  - R The sample results were rejected as unusable; the compound may or may not be present in the sample.

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Data Usability Summary Report

Project Name: Rome GEMT

Analytical Laboratory: Alpha Analytical – Westborough, MA

Validation Performed by: Vanessa Godard

Validation Reviewed by: Katherine Miller

Validation Date: October 2019

Haley & Aldrich, Inc., prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the Rome GEMT soil samples collected from 27 June to 30 August 2019. The analytical results for Sample Delivery Group(s) (SDG) listed below were reviewed to determine the data's usability. This data validation and usability assessment was performed per the guidance and requirements established by the U.S. Environmental Protection Agency's (EPA) "National Functional Guidelines for Inorganic Data Review" and "National Functional Guidelines for Organic Data Review".

1. Sample Delivery Group Number L1928243
2. Sample Delivery Group Number L1929112
3. Sample Delivery Group Number L1929540
4. Sample Delivery Group Number L1929831
5. Sample Delivery Group Number L1931015
6. Sample Delivery Group Number L1932289
7. Sample Delivery Group Number L1934621
8. Sample Delivery Group Number L1935121
9. Sample Delivery Group Number L1935122
10. Sample Delivery Group Number L1937007
11. Sample Delivery Group Number L1937385
12. Sample Delivery Group Number L1937386
13. Sample Delivery Group Number L1938501
14. Sample Delivery Group Number L1938949
15. Sample Delivery Group Number L1938951
16. Sample Delivery Group Number L1939870

General Quality Control

The following quality assurance/quality control criteria from the analysis of the project samples were reviewed as applicable:

- Holding Times/Preservation
- Reporting Limits and Sample Dilution
- Reporting Basis (Wet/Dry)
- Blank Sample Analysis
- Surrogate Recovery Compliance
- Laboratory Control Samples
- Matrix Spike Samples
- Laboratory and Field Duplicate Sample Analysis
- System Performance and Overall Assessment

Analytical precision and accuracy were evaluated based on the laboratory control, matrix spike, or laboratory duplicate analyses performed concurrently with the project samples or based on field duplicates collected at the site.

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and RL are flagged "J" estimated.

Sample data were qualified in accordance with laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives for the project and usable; any exceptions are noted in the following pages.

1. Sample Delivery Group Number L1928243

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1928243. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL6-09-190627-1330	N	L1928243-01	6/27/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore DI vial) ---------- Freeze within 48 hours, analyze in 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

1.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.7 Degrees C.

1.3 REPORTING LIMITS AND SAMPLE DILUTION

No dilutions were performed on data in this report.

1.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

1.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1255875	Selenium	0.148 J mg/kg	NA	None, sample ND.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

1.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

1.7 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20% (or the absolute difference rule was satisfied if detects were less than 5x the RL):

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
L1928243-01	DOC3A-CELL6-09-190627-1330	Total Solids by EPA 2540G

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

1.8 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits.

1.9 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. For inorganic methods, when a matrix spike recovery falls outside of the control limits and the sample result is less than four times the spike added, a post digestion spike (PDS) is performed. The sample(s) below were used for MS/MSD:

Lab Sample Number	Matrix Spike/ Matrix Spike Duplicate Sample Client ID	Method(s)
L1928243-01	DOC3A-CELL6-09-190627-1330	VOCs by EPA 8260C; SVOCs by EPA 8270D; Metals by EPA 6010D, Mercury by EPA 7471B

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits with the following exceptions:

Type	Method	Parent	Analyte	%R/RPD	Qualifier	Affected Samples
MSD	EPA 8260C	DOC3A-CELL6-09-190627-1330	Methylene Chloride	69%	**J/UJ**	**DOC3A-CELL6-09**
MSD			Dibromochloromethane	67%	**J/UJ**	**DOC3A-CELL6-09**
MSD			Chlorobenzene	58%	**J/UJ**	**DOC3A-CELL6-09**
MSD			1,2-Dichloroethane	68%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			trans-1,3-Dichloropropene	65%/54%	**J/UJ**	**DOC3A-CELL6-09**
MSD			cis-1,3-Dichloropropene	62%	**J/UJ**	**DOC3A-CELL6-09**
MSD			1,1,2,2-Tetrachloroethane	69%	**J/UJ**	**DOC3A-CELL6-09**
MSD			Ethylbenzene	64%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			1,2-Dichlorobenzene	64%/46%; RPD=35%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			1,3-Dichlorobenzene	64%/43%; RPD=42%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			1,4-Dichlorobenzene	59%/40%; RPD=40%	**J/UJ**	**DOC3A-CELL6-09**
MSD			m,p-Xylene	64%; RPD=31%	**J/UJ**	**DOC3A-CELL6-09**
MSD			o-Xylene	66%	**J/UJ**	**DOC3A-CELL6-09**
MSD			Styrene	54%; RPD=33%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			2-Butanone	64%/66%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			2-Hexanone	59%/57%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			1,2-Dibromoethane	65%/56%	**J/UJ**	**DOC3A-CELL6-09**
MSD			n-Butylbenzene	41%; RPD=62%	**J/UJ**	**DOC3A-CELL6-09**
MSD			sec-Butylbenzene	59%; RPD=49%	**J/UJ**	**DOC3A-CELL6-09**
MSD			tert-Butylbenzene	RPD=39%	NA	None, sample ND.
MS/MSD			1,2-Dibromo-3-chloropropane	63%/57%	**J/UJ**	**DOC3A-CELL6-09**
MSD			Isopropylbenzene	RPD=36%	NA	None, sample ND.
MSD			p-Isopropyltoluene	55%; RPD=50%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			Naphthalene	47%/38%	**J/UJ**	**DOC3A-CELL6-09**
MSD			n-Propylbenzene	59%; RPD=45%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			1,2,3-Trichlorobenzene	38%/27%; RPD=36%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD			1,2,4-Trichlorobenzene	37%/25%; RPD=41%	**J/UJ**	**DOC3A-CELL6-09**
MSD			1,3,5-Trimethylbenzene	63%; RPD=41%	**J/UJ**	**DOC3A-CELL6-09**
MSD			1,2,4-Trimethylbenzene	57%; RPD=42%	**J/UJ**	**DOC3A-CELL6-09**
MS/MSD	EPA 8270D		2,4-Dinitrophenol	0%/0%	**J/UJ**	**DOC3A-CELL6-09**
MS	EPA 6010D		Barium	72%	**J-/UJ**	**DOC3A-CELL6-09**
PDS				76%		
MS/MSD			Cadmium	64%/67%	**J-/UJ**	**DOC3A-CELL6-09**
PDS				69%		
MS/MSD			Chromium	64%/68%	**J-/UJ**	**DOC3A-CELL6-09**
PDS				64%		
MS/MSD			Lead	58%/59%	**J-/UJ**	**DOC3A-CELL6-09**
PDS				63%		
MS/MSD			Selenium	72%/72%	**J/UJ**	**DOC3A-CELL6-09**
PDS				Within		
MSD	EPA 7471		Mercury	126%; RPD=21%	NA	None, sample ND.

1.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELL6-09-190627-1330	Various VOCs (See Section 1.9)	ND U	ND UJ	Matrix Spike Exceedance
	2,4-Dinitrophenol	980 U	980 UJ	
	Barium	66.0	66.0 J-	
	Cadmium	0.810	0.810 J-	
	Chromium	10.7	10.7 J-	
	Lead	5.47	5.47 J-	
	Selenium	0.975 U	0.975 UJ	

2. Sample Delivery Group Number L1929112

2.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1929112. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL1-09-190702-1330	N	L1929112-01	7/2/2019	Soil	A, B, C, D, E
1234-190702-0001	FD	L1929112-02	7/2/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

2.2 CASE NARRATIVE

The Alpha laboratory report case narrative lists the following additional data usability items:

- The lab flagged certain results “E”, indicating the concentration was above the calibration range and should be considered estimated. As the lab reanalyzed the affected samples for the compounds that exceeded the calibration range, the results flagged “E” are rejected as unusable and marked non-reportable in favor of the reanalysis data found within the calibration range.

2.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 4.3 Degrees C.

2.4 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Analyte/ Method	Dilution Factor	Issue/Explanation
DOC3A-CELL1-09-190702-1330	L1929112-01	VOCs by EPA 8260C	10x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.
1234-190702-0001	L1929112-02			

2.5 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

2.6 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

2.7 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

2.8 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits.

2.9 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

2.10 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD comparison for any field duplicates in this SDG is shown below. RPDs were all below 50% for soil (or the absolute difference rule was satisfied if detects were less than 5x the RL). Any exceptions are noted below and qualified.

Field Duplicate RPD Calculations:

Method(s): EPA 8260C, 8270D, 6010D, 7471B, 2540G				
Analyte (µg/kg, unless noted)	**Primary Sample ID**	**Duplicate Sample ID**	**% RPD**	**Qualification**
	DOC3A-CELL1-09-190702-1330	**1234-190702-0001**		
1,2,4-Trimethylbenzene	**890 J**	**690 J**	NA	None, Abs. Diff. < RL
1,3,5-Trimethylbenzene	**390 J**	**290 J**	NA	None, Abs. Diff. < RL
Ethylbenzene	**370 J**	**310 J**	NA	None, Abs. Diff. < RL
m,p-Xylenes	**1,000 J**	**760 J**	NA	None, Abs. Diff. < RL
Naphthalene	**100,000**	**83,000**	19	None, RPD < 50%
o-Xylene	**300 J**	**270 J**	NA	None, Abs. Diff. < RL
Toluene	**620 J**	**520 J**	NA	None, Abs. Diff. < RL
Xylene (total)	**1,300 J**	**1,000 J**	NA	None, Abs. Diff. < RL
All Remaining VOCs	ND U	ND U	NA	None, Both ND
2,4-Dimethylphenol	**420**	**580**	NA	None, Abs. Diff. < RL
2-Methylnaphthalene	**2,300**	**7,300**	**104**	**J Flag, RPD > 50%**
2-Methylphenol (o-Cresol)	**43 J**	**52 J**	NA	None, Abs. Diff. < RL
3&4-Methylphenol	**63 J**	**75 J**	NA	None, Abs. Diff. < RL
Acenaphthene	**1,100**	**4,200**	**117**	**J Flag, RPD > 50%**
Acenaphthylene	**180**	**610**	NA	**J Flag, Abs. Diff. > RL**
Anthracene	**160**	**1,300**	NA	**J Flag, Abs. Diff. > RL**
Benzo(a)anthracene	**37 J**	**1,200**	NA	**J Flag, Abs. Diff. > RL**
Benzo(a)pyrene	170 U	**460**	NA	**J Flag, Abs. Diff. > RL**
Benzo(b)fluoranthene	130 U	**600**	NA	**J Flag, Abs. Diff. > RL**
Benzo(g,h,i)perylene	170 U	**110 J**	NA	None, Abs. Diff. < RL
Benzo(k)fluoranthene	130 U	**240**	NA	None, Abs. Diff. < RL
Biphenyl	**360 J**	**1,400**	NA	**J Flag, Abs. Diff. > RL**
Carbazole	**1,700**	**2,500**	38	None, RPD < 50%
Chrysene	**24 J**	**810**	NA	**J Flag, Abs. Diff. > RL**
Dibenz(a,h)anthracene	130 U	**42 J**	NA	None, Abs. Diff. < RL
Dibenzofuran	**1,100**	**4,000**	**114**	**J Flag, RPD > 50%**
Fluoranthene	**180**	**5,000**	NA	**J Flag, Abs. Diff. > RL**
Fluorene	**880**	**4,400**	NA	**J Flag, Abs. Diff. > RL**
Indeno(1,2,3-cd)pyrene	170 U	**160 J**	NA	None, Abs. Diff. < RL
Naphthalene	**18,000**	**39,000**	**74**	**J Flag, RPD > 50%**
Phenanthrene	**1,200**	**13,000**	**166**	**J Flag, RPD > 50%**
Pyrene	**110 J**	**3,200**	NA	**J Flag, Abs. Diff. > RL**
All Remaining SVOCs	ND U	ND U	NA	None, Both ND
Arsenic (mg/kg)	**4.52**	**3.95**	13	None, RPD < 50%
Barium (mg/kg)	**58.5**	**58.0**	1	None, RPD < 50%
Cadmium (mg/kg)	**1.8**	**1.7**	NA	None, Abs. Diff. < RL
Chromium (mg/kg)	**11.7**	**11.8**	1	None, RPD < 50%
Lead (mg/kg)	**5.80**	**5.51**	NA	None, Abs. Diff. < RL
Mercury (mg/kg)	0.081 U	0.080 U	NA	None, Both ND
Selenium (mg/kg)	1.00 U	0.994 U	NA	None, Both ND
Silver (mg/kg)	0.501 U	0.497 U	NA	None, Both ND
Total Solids (%)	**77.8**	**78.2**	1	None, RPD < 50%

2.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELL1-09-190702-1330 & 1234-190702-0001	2-Methylnaphthalene	Detect/ ND U	Detect J/ ND UJ	Field Duplicate RPD
	Acenaphthene			
	Acenaphthylene			
	Anthracene			
	Benzo(a)anthracene			
	Benzo(a)pyrene			
	Benzo(b)fluoranthene			
	Biphenyl			
	Chrysene			
	Dibenzofuran			
	Fluoranthene			
	Fluorene			
	Naphthalene			
	Phenanthrene			
	Pyrene			

This table does not include a summary of data rejected due to exceeding the calibration curve because alternate data obtained through additional dilution was available that replaces this invalid data.

3. Sample Delivery Group Number L1929540

3.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1929540. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELLA-09-190708-1205	N	L1929540-01	7/8/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

3.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 4.2 Degrees C.

3.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Analyte/ Method	Dilution Factor	Issue/Explanation
DOC3A-CELLA-09-190708-1205	L1929540-01	VOCs by EPA 8260C	2x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

3.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

3.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1259092	Methyl tert butyl ether	10 J ug/kg	NA	None, sample ND.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

3.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

3.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Metals. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/LCSD	EPA 8260B	WG1259092	Trichlorofluoromethane	58%/59%	**UJ**	**All Samples**
LCS/LCSD			Bromomethane	55%/55%	**UJ**	**All Samples**
LCS	EPA 8270D	WG1258288	Biphenyl	107%	NA	None, sample ND
LCS			p-Chloro-m-cresol	112%	NA	None, sample ND
LCS			2-Chlorophenol	103%	NA	None, sample ND
LCS			4-Nitrophenol	116%	NA	None, sample ND
LCS			Phenol	103%	NA	None, sample ND

3.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

3.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

3.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELLA-09-190708-1205	Bromomethane	220 U	220 UJ	Low Lab Control Sample Recovery
	Trichlorofluoromethane	430 U	430 UJ	

4. Sample Delivery Group Number L1929831

4.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1929831. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL 2A/B3-10-190709-1515	N	L1929831-01	7/9/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

4.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.0 Degrees C.

4.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL 2A/B3-10-190709-1515	L1929831-01	VOCs by EPA 8260C	2.5x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

4.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

4.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1259321	Arsenic	0.088 J mg/kg	NA	None, sample >10x blank.
		Chromium	0.084 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

4.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

4.7 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20% (or the absolute difference rule was satisfied if detects were less than 5x the RL):

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)	Analyte RPD Out	Assessment
L1929831-01	DOC3A-CELL 2A/B3-10-190709-1515	Metals by EPA 6010D	**Arsenic at 31%**	**J Flag All Samples**

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

4.8 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Mercury by EPA 7471B and Total Solids by EPA 2540G. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/LCSD	EPA 8260B	WG1259125	Trichlorofluoromethane	58%/58%	**UJ**	**All Samples**
LCS/LCSD			Bromomethane	54%/54%	**UJ**	**All Samples**

4.9 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. The sample(s) below were used for MS/MSD:

Lab Sample Number	Matrix Spike/ Matrix Spike Duplicate Sample Client ID	Method(s)
L1929831-01	DOC3A-CELL 2A/B3-10-190709-1515	Metals by EPA 6010D (MS only)

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits with the following exceptions:

Sample Type	Method	Parent Sample Number	Analyte	%R/RPD	Qualifier	Affected Samples
MS	EPA 6010D	DOC3A-CELL 2A/B3-10-190709-1515	Arsenic	141%	**J (PDS within)**	**All Samples**
MS			Cadmium	62%	**J-/UJ**	**All Samples**
PDS				59%		
MS			Chromium	74%	**J-/UJ**	**All Samples**
PDS				64%		
MS			Lead	67%	**J-/UJ**	**All Samples**
PDS				64%		

4.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELL 2A/B3-10-190709-1515	Bromomethane	290 U	290 UJ	Low Lab Control Sample Recovery
	Trichlorofluoromethane	590 U	590 UJ	
	Cadmium	0.463 U	0.463 UJ	Low Matrix Spike Recovery
	Chromium	13.4	13.4 J-	
	Lead	6.33	6.33 J-	
	Arsenic	4.38	4.38 J	High Matrix Spike Recovery & Lab Duplicate RPD

5. Sample Delivery Group Number L1931015

5.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1931015. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL2B-09-190715-1400	N	L1931015-01	7/15/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

5.2 CASE NARRATIVE

The Alpha laboratory report case narrative lists the following additional data usability items:

- The lab flagged certain results “E”, indicating the concentration was above the calibration range and should be considered estimated. As the lab reanalyzed the affected samples for the compounds that exceeded the calibration range, the results flagged “E” are rejected as unusable and marked non-reportable in favor of the reanalysis data found within the calibration range.

5.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.1 Degrees C.

5.4 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL2B-09-190715-1400	L1931015-01	VOCs by EPA 8260C	5x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

5.5 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

5.6 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1261381	Chromium	0.068 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

5.7 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

5.8 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Metals or Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/LCSD	EPA 8270D	WG1262062	p-Chloro-m-cresol	110%/104%	NA	None, sample ND.
LCS			4-Nitrophenol	117%	NA	None, sample ND.
LCS/LCSD			Phenol	117%/109%	NA	None, sample ND.

5.9 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

5.10 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

5.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. No qualifiers were applied to any data in this report.

This does not include a summary of data rejected due to exceeding the calibration curve because alternate data obtained through additional dilution was available that replaces this invalid data.

6. Sample Delivery Group Number L1932289

6.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1932289. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL2C-10-190722-1315	N	L1932289-01	7/22/2019	Soil	A, B, C, D, E, F

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore DI vial) ---------- Freeze within 48 hours, analyze in 14 days
E. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
F. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

6.2 CASE NARRATIVE

The Alpha laboratory report case narrative lists the following additional data usability items:

- The lab flagged certain results “E”, indicating the concentration was above the calibration range and should be considered estimated. As the lab reanalyzed the affected samples for the compounds that exceeded the calibration range, the results flagged “E” are rejected as unusable and marked non-reportable in favor of the reanalysis data found within the calibration range.
- The results of both the low-level DI water vial and high-level Methanol vial were reported for VOCs. Differences were noted by the laboratory between the results of the analyses. These were attributed to vial discrepancies.

6.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.9 Degrees C.

6.4 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL2C-10-190722-1315	L1932289-01	VOCs by EPA 8260C	1x & 10x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required. Only Naphthalene is reported from the high-level vial at dilution.

6.5 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

6.6 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1263797	Methyl tert butyl ether	0.24 J ug/kg (Low-Level)	NA	None, sample ND.
Method Blank	WG1264980	Methyl tert butyl ether	10 J ug/kg (High-Level)	NA	None, sample ND.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

6.7 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

6.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

6.9 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Metals & Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/LCSD	EPA 8260B	WG1263797	Carbon tetrachloride	132%/138%	NA	None, sample ND.

6.10 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

6.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. No qualifiers were applied to any data in this report.

This does not include a summary of data rejected due to exceeding the calibration curve because alternate data obtained through additional dilution was available that replaces this invalid data.

7. Sample Delivery Group Number L1934621

7.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1934621. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).
- The date/time did not match between the COC and the label. Per the client, the label info was used.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL3A-8-190802-1145	N	L1934621-01	8/2/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

7.2 CASE NARRATIVE

The Alpha laboratory report case narrative lists the following additional data usability items:

- The lab flagged certain results “E”, indicating the concentration was above the calibration range and should be considered estimated. As the lab reanalyzed the affected samples for the compounds that exceeded the calibration range, the results flagged “E” are rejected as unusable and marked non-reportable in favor of the reanalysis data found within the calibration range.

7.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 4.2 Degrees C.

7.4 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL3A-8-190802-1145	L1934621-01	VOCs by EPA 8260C	4x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

7.5 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

7.6 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1270160	Methylene Chloride	130 J ug/kg	NA	None, sample ND.
		Methyl tert butyl ether	10 J ug/kg	NA	None, sample ND.
Method Blank	WG1269481	Chromium	0.060 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

7.7 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

7.8 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Metals and Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCSD	EPA 8270D	WG1269932	4-Chloroanaline	37%	**UJ**	**DOC3A-CELL3A-8**
LCSD			Carbazole	53%	**J**	**DOC3A-CELL3A-8**

7.9 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

7.10 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

7.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELL3A-8-190802-1145	4-Chloroanaline	190 U	190 UJ	Low Lab Control Sample Recovery
	Carbazole	1500	1500 J	

This table does not include a summary of data rejected due to exceeding the calibration curve because alternate data obtained through additional dilution was available that replaces this invalid data.

8. Sample Delivery Group Number L1935121

8.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1935121. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL5A-8-190806-1300	N	L1935121-01	8/6/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

8.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.7 Degrees C.

8.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL5A-8-190806-1300	L1935121-01	VOCs by EPA 8260C	5x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.
		SVOCs by EPA 8270D		Dilution required due to high target analyte concentrations.

8.4 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

8.5 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

8.6 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1271380	Methylene chloride	140 J ug/kg	NA	None, sample ND.
Method Blank	WG1270290	Arsenic	0.148 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

8.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Metals or Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCSD	EPA 8270D	WG1271080	3,3'-dichlorobenzidine	39%	**UJ**	**DOC3A-CELL5A-8**
LCS			p-chloro-m-cresol	108%	NA	None, sample ND.
LCS			4-nitrophenol	120%	NA	None, sample ND.
LCSD			Various SVOCs	RPD High	NA	None, sample ND.
LCSD			Acenaphthene		**J**	**DOC3A-CELL5A-8**
LCSD			Carbazole		**J**	**DOC3A-CELL5A-8**
LCSD			Fluoranthene		**J**	**DOC3A-CELL5A-8**
LCSD			Fluorene		**J**	**DOC3A-CELL5A-8**
LCSD			Phenanthrene		**J**	**DOC3A-CELL5A-8**
LCSD			Pyrene		**J**	**DOC3A-CELL5A-8**

8.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

8.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

8.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELL5A-8-190806-1300	3,3'-Dichlorobenzidine	980 U	980 UJ	Lab Control Sample Exceedance
	Acenaphthene	120 J	120 J	
	Carbazole	190 J	190 J	
	Fluoranthene	120 J	120 J	
	Fluorene	100 J	100 J	
	Phenanthrene	240 J	240 J	
	Pyrene	99 J	99 J	

9. Sample Delivery Group Number L1935122

9.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1935122. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL4A-8-190806-0845	N	L1935122-01	8/6/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

9.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.7 Degrees C.

9.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL4A-8-190806-0845	L1935122-01	VOCs by EPA 8260C	2.5x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

9.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

9.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1271380	Methylene chloride	140 J ug/kg	NA	None, sample ND.
Method Blank	WG1270290	Arsenic	0.148 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

9.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

9.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Metals and Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCSD	EPA 8270D	WG1271080	3,3'-dichlorobenzidine	39%	**UJ**	**DOC3A-CELL4A-8**
LCS			p-chloro-m-cresol	108%	NA	None, sample ND.
LCS			4-nitrophenol	120%	NA	None, sample ND.
LCSD			Various SVOCs	RPD High	NA	None, sample ND.
LCSD			Acenaphthene		**J**	**DOC3A-CELL4A-8**
LCSD			Anthracene		**J**	**DOC3A-CELL4A-8**
LCSD			Biphenyl		**J**	**DOC3A-CELL4A-8**
LCSD			Carbazole		**J**	**DOC3A-CELL4A-8**
LCSD			Fluorene		**J**	**DOC3A-CELL4A-8**
LCSD			Phenanthrene		**J**	**DOC3A-CELL4A-8**

9.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

9.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

9.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELL4A-8-190806-0845	3,3'-Dichlorobenzidine	190 U	190 UJ	Lab Control Sample Exceedance
	Acenaphthene	570	570 J	
	Anthracene	300	300 J	
	Biphenyl	240 J	240 J	
	Carbazole	78 J	78 J	
	Fluorene	130 J	130 J	
	Phenanthrene	310	310 J	

10. Sample Delivery Group Number L1937007

10.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1937007. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL3B-08-190815-1430	N	L1937007-01	8/15/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

10.2 CASE NARRATIVE

The Alpha laboratory report case narrative lists the following additional data usability items:

- The lab flagged certain results “E”, indicating the concentration was above the calibration range and should be considered estimated. As the lab reanalyzed the affected samples for the compounds that exceeded the calibration range, the results flagged “E” are rejected as unusable and marked non-reportable in favor of the reanalysis data found within the calibration range.

10.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 5.5 Degrees C.

10.4 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Analyte/ Method	Dilution Factor	Issue/Explanation
DOC3A-CELL3B-08-190815-1430	L1937007-01	VOCs by EPA 8260C	20x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

10.5 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

10.6 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1274554	Dimethyl phthalate	37 J ug/kg	NA	None, sample ND.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

10.7 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits with the following exceptions:

Method	Sample ID	Lab ID	Surrogate	Recovery	Qualification
EPA 8270D	DOC3A-CELL3B-08-190815-1430	L1937007-01	2-Fluorophenol	17%	None, other surrogates cover.
			Nitrobenzene-d5	20%	None, within NFG limits.

10.8 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits.

- A LCSD was not reported for Metals and Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

10.9 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

10.10 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

10.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. No qualifiers were applied to any data in this report.

This does not include a summary of data rejected due to exceeding the calibration curve because alternate data obtained through additional dilution was available that replaces this invalid data.

11. Sample Delivery Group Number L1937385

11.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1937385. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL3C-7.5-190819-0830	N	L1937385-01	8/19/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

11.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.5 Degrees C.

11.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL3C-7.5-190819-0830	L1937385-01	VOCs by EPA 8260C	5x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

11.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

11.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1275228	Silver	0.124 J mg/kg	NA	None, sample ND.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

11.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

11.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits.

- A LCSD was not reported for Metals and Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

11.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

11.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

11.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. No qualifiers were applied to any data in this report.

12. Sample Delivery Group Number L1937386

12.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1937386. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL4B-SUBSLAB-06-	N	L1937386-01	8/17/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore DI vial) ---------- Freeze within 48 hours, analyze in 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

12.2 CASE NARRATIVE

The Alpha laboratory report case narrative lists the following additional data usability items:

- The lab flagged certain results “E”, indicating the concentration was above the calibration range and should be considered estimated. As the lab reanalyzed the affected samples for the compounds that exceeded the calibration range, the results flagged “E” are rejected as unusable and marked non-reportable in favor of the reanalysis data found within the calibration range.

12.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.9 Degrees C.

12.4 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Only detected analytes were reported from a dilution.

12.5 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

12.6 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1275228	Silver	0.124 J mg/kg	NA	None, sample ND.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

12.7 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

12.8 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits.

- A LCSD was not reported for Metals and Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

12.9 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

12.10 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

12.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. No qualifiers were applied to any data in this report.

This does not include a summary of data rejected due to exceeding the calibration curve because alternate data obtained through additional dilution was available that replaces this invalid data.

13. Sample Delivery Group Number L1938501

13.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1938501. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL4B-7.5-190823-0815	N	L1938501-01	8/23/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

13.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 5.5 Degrees C.

13.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL4B-7.5-190823-0815	L1938501-01	VOCs by EPA 8260C	2x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.
		SVOCs by EPA 8270D	Elevated	Detection limits are elevated due to the limited sample volume utilized during extraction.

13.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

13.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1277482	Chromium	0.068 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

13.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

13.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Metals or Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/LCSD	EPA 8260B	WG1278273	Dichlorodifluoromethane	180%/169%	NA	None, sample ND.

13.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

13.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

13.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. No qualifiers were applied to any data in this report.

14. Sample Delivery Group Number L1938949

14.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1938949. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL4C-8-190827-1400	N	L1938949-01	8/27/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore DI vial) ---------- Freeze within 48 hours, analyze in 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

14.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 4.3 Degrees C.

14.3 REPORTING LIMITS AND SAMPLE DILUTION

No dilutions were performed on data in this report.

14.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

14.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1278458	Arsenic	0.092 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

14.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

14.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits with the following exceptions:

- A LCSD was not reported for Metals and Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/LCSD	EPA 8260C	WG1279064	Dichlorodifluoromethane	182%/178%	NA	None, sample ND.
LCS/LCSD			2-Butanone	66%/50%	**UJ**	**DOC3A-CELL4C-8**
LCSD			2-Hexanone	68%	**UJ**	**DOC3A-CELL4C-8**

14.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

14.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

14.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELL4C-8-190827-1400	2-Butanone	9.4 U	9.4 UJ	Lab Control Sample Exceedance
	2-Hexanone	9.4 U	9.4 UJ	

15. Sample Delivery Group Number L1938951

15.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1938951. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL5B-8.5-190827-1030	N	L1938951-01	8/27/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

15.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 2.4 Degrees C.

15.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL5B-8.5-190827-1030	L1938951-01	VOCs by EPA 8260C	2.5x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

15.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

15.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1279020	Bromomethane	30 J ug/kg	NA	None, sample ND.
Method Blank	WG1278458	Arsenic	0.092 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

15.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

15.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits.

- A LCSD was not reported for Metals and Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

15.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

15.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. No client samples were used for laboratory duplicate analysis in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

15.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. No qualifiers were applied to any data in this report.

16. Sample Delivery Group Number L1939870

16.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L1939870. Samples were collected, preserved, and shipped following standard chain of custody protocol. Samples were also received appropriately, identified correctly, and analyzed according to the monitoring schedule. Chains of custody were appropriately signed and dated by the field and/or laboratory personnel with the following exceptions:

- Custody seals were not utilized on the sample cooler(s).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods
DOC3A-CELL5C-8-190830-1000	N	L1939870-01	8/30/2019	Soil	A, B, C, D, E

Holding Times:

A. Total Solids by EPA 2540G ---------- 7 days
B. ICP Metals (As, Ba, Cd, Cr, Pb, Se, Ag) by EPA 6010D ---------- 180 days
C. Mercury by EPA 7471B ---------- 28 days
D. Volatile Organic Compounds (VOCs) by EPA 8260C (Terracore Methanol vial) ---------- 14 days
E. Semi-Volatile Organic Compounds (SVOCs) by EPA 8270D ---------- 14 days extraction, 40 days analysis

16.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

Cooler temperature on arrival to the laboratory was: 5.8 Degrees C.

16.3 REPORTING LIMITS AND SAMPLE DILUTION

All dilutions were reviewed and found to be justified. Any non-detects with elevated reported limits are noted and explained below.

Sample ID	Lab ID	Method	Dilution Factor	Issue/Explanation
DOC3A-CELL5C-8-190830-1000	L1939870-01	VOCs by EPA 8260C	2.5x	Dilution required due to high target analyte concentrations. The high-level methanol vial was used since a dilution was required.

16.4 REPORTING BASIS (WET/DRY)

Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations have been made to compensate for the moisture content of the soil sample. Per the matrix and state requirements, data in this SDG were reported on a dry weight basis.

Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have ≥ 30% solids to be appropriately quantified. Percent solid results have been reviewed and found to be within limits.

16.5 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	WG1281094	Chloroform	8.7 J ug/kg	NA	None, sample ND.
Method Blank	WG1280274	Arsenic	0.088 J mg/kg	NA	None, sample >10x blank.

Field blanks are prepared to identify contamination that may have been introduced during field activity. Blank samples for field quality control were not collected in this SDG.

16.6 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as deuterated monitoring compounds, are compounds added to each sample prior to sample preparation to evaluate the percent recovery (%R) to ensure that the organic analytical method is efficient. The %R were within the specified limits.

16.7 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent difference (RPDs) within the specified limits.

- A LCSD was not reported for Total Solids. As a site-specific matrix spike duplicate, field duplicate, or laboratory duplicate were also not analyzed, this data set was not supported by any site-specific precision quality control.

16.8 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effect of the sample matrix on the sample preparation procedures and measurement methodologies. The sample(s) below were used for MS/MSD:

Lab Sample Number	Matrix Spike/ Matrix Spike Duplicate Sample Client ID	Method(s)
L1939870-01	DOC3A-CELL5C-8-190830-1000	Metals by EPA 6010D (MS only)

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits with the following exceptions:

Sample Type	Method	Parent Sample Number	Analyte	%R/RPD	Qualifier	Affected Samples
MS	EPA 6010D	DOC3A-CELL5C-8-190830-1000	Lead	71%	J-	**DOC3A-CELL5C-8-190830-1000**
PDS				63%		

16.9 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20% (or the absolute difference rule was satisfied if detects were less than 5x the RL):

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)	Parameter/RPD	Assessment
L1939870-01	DOC3A-CELL5C-8-190830-1000	Metals by EPA 6010D	**Arsenic/28%**	**J Flag Sample**

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. No field duplicates were collected in this data set.

16.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
DOC3A-CELL5C-8-190830-1000	Lead	5.96	5.96 J-	Matrix Spike Exceedance
	Arsenic	4.50	4.50 J	Laboratory Duplicate RPD

References

1. United States Environmental Protection Agency, 2017a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-540-R-2017-001. January.

2. United States Environmental Protection Agency, 2017b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-2017-002. January.

Glossary

- Sample Types:
  - N Primary Sample
  - FD Field Duplicate Sample
  - FB Field Blank Sample
  - EB Equipment Blank Sample
  - TB Trip Blank Sample
- Units:
  - µg/kg or ug/kg microgram per kilogram
  - mg/kg milligram per kilogram
- Table Footnotes
  - NA Not applicable
  - ND Non-detect

Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D The concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - J+ The result is an estimated quantity, but the result may be biased high.
  - J- The result is an estimated quantity, but the result may be biased low.
  - UJ The compound was not detected above the reported sample quantitation limit; however, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is therefore an estimated concentration only.
  - R The sample results were rejected as unusable; the compound may or may not be present in the sample.

Documentation Sidewall Sample Data

ANALYTICAL REPORT

Lab Number:	L1918111
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A 1 RM
Project Number:	127887-007
Report Date:	05/08/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1918111-01	DOC3A-01-190501-1035	SOIL	ROME, NY	05/01/19 10:35	05/01/19
L1918111-02	DOC3A-02-190501-1210	SOIL	ROME, NY	05/01/19 12:10	05/01/19
L1918111-03	DOC3A-03-190501-1315	SOIL	ROME, NY	05/01/19 13:15	05/01/19
L1918111-04	DOC3A-04-190501-1345	SOIL	ROME, NY	05/01/19 13:45	05/01/19
L1918111-05	DOC3A-05-190501-1550	SOIL	ROME, NY	05/01/19 15:50	05/01/19
L1918111-06	DOC3A-06-190501-1630	SOIL	ROME, NY	05/01/19 16:30	05/01/19
L1918111-07	1234-190501-0001	WATER	ROME, NY	05/01/19 00:00	05/01/19

Project Name:	LOT 3A 1 RM	**Lab Number:**	L1918111
Project Number:	127887-007	**Report Date:**	05/08/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A 1 RM	**Lab Number:**	L1918111
Project Number:	127887-007	**Report Date:**	05/08/19

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

L1918111-02 (DOC3A-02-190501-1210) and -06 (DOC3A-06-190501-1630): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.
L1918111-02 (DOC3A-02-190501-1210): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.
L1918111-03 (DOC3A-03-190501-1315) was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.
L1918111-03 (DOC3A-03-190501-1315): Differences were noted between the results of the analyses which have been attributed to vial discrepancies. Further re-analysis could not be performed due to the existing vials being compromised.
L1918111-04 (DOC3A-04-190501-1345): The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of target compounds in the sample.

Semivolatile Organics

L1918111-02 (DOC3A-02-190501-1210) and -05 (DOC3A-05-190501-1550): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.
L1918111-02 (DOC3A-02-190501-1210): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not

Project Name:	LOT 3A 1 RM	**Lab Number:**	L1918111
Project Number:	127887-007	**Report Date:**	05/08/19

Case Narrative (continued)

required; therefore, the results of the original analysis 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: Amita Naik

Title: Technical Director/Representative Date: 05/08/19

ORGANICS

VOLATILES

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-01
Client ID: DOC3A-01-190501-1035
Sample Location: ROME, NY

Date Collected: 05/01/19 10:35
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/04/19 09:03
Analyst: AD
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	0.20	J	ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-01 Date Collected: 05/01/19 10:35

Client ID: DOC3A-01-190501-1035 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	0.32	J	ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	120		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	20		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
Naphthalene	180		ug/kg	4.0	0.65	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	7.2		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	105		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-02 D2
Client ID: DOC3A-02-190501-1210
Sample Location: ROME, NY

Date Collected: 05/01/19 12:10
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/19 12:07
Analyst: NLK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	160000	72000	500
1,1-Dichloroethane	ND		ug/kg	32000	4600	500
Chloroform	ND		ug/kg	47000	4400	500
Carbon tetrachloride	ND		ug/kg	32000	7300	500
1,2-Dichloropropane	ND		ug/kg	32000	4000	500
Dibromochloromethane	ND		ug/kg	32000	4400	500
1,1,2-Trichloroethane	ND		ug/kg	32000	8400	500
Tetrachloroethene	ND		ug/kg	16000	6200	500
Chlorobenzene	ND		ug/kg	16000	4000	500
Trichlorofluoromethane	ND		ug/kg	130000	22000	500
1,2-Dichloroethane	ND		ug/kg	32000	8100	500
1,1,1-Trichloroethane	ND		ug/kg	16000	5300	500
Bromodichloromethane	ND		ug/kg	16000	3400	500
trans-1,3-Dichloropropene	ND		ug/kg	32000	8600	500
cis-1,3-Dichloropropene	ND		ug/kg	16000	5000	500
Bromoform	ND		ug/kg	130000	7800	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	16000	5200	500
Benzene	ND		ug/kg	16000	5200	500
Toluene	ND		ug/kg	32000	17000	500
Ethylbenzene	11000	J	ug/kg	32000	4400	500
Chloromethane	ND		ug/kg	130000	29000	500
Bromomethane	ND		ug/kg	63000	18000	500
Vinyl chloride	ND		ug/kg	32000	10000	500
Chloroethane	ND		ug/kg	63000	14000	500
1,1-Dichloroethene	ND		ug/kg	32000	7500	500
trans-1,2-Dichloroethene	ND		ug/kg	47000	4300	500
Trichloroethene	ND		ug/kg	16000	4300	500
1,2-Dichlorobenzene	ND		ug/kg	63000	4600	500

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-02 D2 Date Collected: 05/01/19 12:10

Client ID: DOC3A-02-190501-1210 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	63000	4700	500
1,4-Dichlorobenzene	ND		ug/kg	63000	5400	500
Methyl tert butyl ether	ND		ug/kg	63000	6400	500
p/m-Xylene	33000	J	ug/kg	63000	18000	500
o-Xylene	13000	J	ug/kg	32000	9200	500
cis-1,2-Dichloroethene	ND		ug/kg	32000	5500	500
Styrene	ND		ug/kg	32000	6200	500
Dichlorodifluoromethane	ND		ug/kg	320000	29000	500
Acetone	ND		ug/kg	320000	150000	500
Carbon disulfide	ND		ug/kg	320000	140000	500
2-Butanone	ND		ug/kg	320000	70000	500
4-Methyl-2-pentanone	ND		ug/kg	320000	40000	500
2-Hexanone	ND		ug/kg	320000	37000	500
Bromochloromethane	ND		ug/kg	63000	6500	500
1,2-Dibromoethane	ND		ug/kg	32000	8800	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	95000	32000	500
Isopropylbenzene	6300	J	ug/kg	32000	3400	500
Naphthalene	11000000	E	ug/kg	130000	20000	500
1,2,3-Trichlorobenzene	ND		ug/kg	63000	10000	500
1,2,4-Trichlorobenzene	ND		ug/kg	63000	8600	500
Methyl Acetate	ND		ug/kg	130000	30000	500
Cyclohexane	ND		ug/kg	320000	17000	500
1,4-Dioxane	ND		ug/kg	2500000	1100000	500
Freon-113	ND		ug/kg	130000	22000	500
Methyl cyclohexane	ND		ug/kg	130000	19000	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-02 D
Client ID: DOC3A-02-190501-1210
Sample Location: ROME, NY

Date Collected: 05/01/19 12:10
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/19 11:41
Analyst: NLK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Naphthalene	11000000		ug/kg	500000	82000	2000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-03
Client ID: DOC3A-03-190501-1315
Sample Location: ROME, NY

Date Collected: 05/01/19 13:15
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/04/19 09:55
Analyst: AD
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	0.37	J	ug/kg	0.44	0.15	1
Toluene	0.55	J	ug/kg	0.88	0.48	1
Ethylbenzene	0.38	J	ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-03 Date Collected: 05/01/19 13:15

Client ID: DOC3A-03-190501-1315 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	1.8		ug/kg	1.8	0.49	1
o-Xylene	1.5		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.81	1
Acetone	58		ug/kg	8.8	4.2	1
Carbon disulfide	4.9	J	ug/kg	8.8	4.0	1
2-Butanone	8.5	J	ug/kg	8.8	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Isopropylbenzene	0.81	J	ug/kg	0.88	0.10	1
Naphthalene	770	E	ug/kg	3.5	0.57	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
Methyl Acetate	ND		ug/kg	3.5	0.84	1
Cyclohexane	ND		ug/kg	8.8	0.48	1
1,4-Dioxane	ND		ug/kg	70	31.	1
Freon-113	ND		ug/kg	3.5	0.61	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-03
Client ID: DOC3A-03-190501-1315
Sample Location: ROME, NY

Date Collected: 05/01/19 13:15
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/05/19 16:00
Analyst: JC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	350	160	1
1,1-Dichloroethane	ND		ug/kg	71	10.	1
Chloroform	ND		ug/kg	110	9.9	1
Carbon tetrachloride	ND		ug/kg	71	16.	1
1,2-Dichloropropane	ND		ug/kg	71	8.9	1
Dibromochloromethane	ND		ug/kg	71	9.9	1
1,1,2-Trichloroethane	ND		ug/kg	71	19.	1
Tetrachloroethene	ND		ug/kg	35	14.	1
Chlorobenzene	ND		ug/kg	35	9.0	1
Trichlorofluoromethane	ND		ug/kg	280	49.	1
1,2-Dichloroethane	ND		ug/kg	71	18.	1
1,1,1-Trichloroethane	ND		ug/kg	35	12.	1
Bromodichloromethane	ND		ug/kg	35	7.7	1
trans-1,3-Dichloropropene	ND		ug/kg	71	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	35	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	12.	1
Benzene	ND		ug/kg	35	12.	1
Toluene	ND		ug/kg	71	38.	1
Ethylbenzene	ND		ug/kg	71	10.	1
Chloromethane	ND		ug/kg	280	66.	1
Bromomethane	ND		ug/kg	140	41.	1
Vinyl chloride	ND		ug/kg	71	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	71	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.7	1
Trichloroethene	ND		ug/kg	35	9.7	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-03 Date Collected: 05/01/19 13:15

Client ID: DOC3A-03-190501-1315 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	ND		ug/kg	140	40.	1
o-Xylene	ND		ug/kg	71	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	71	12.	1
Styrene	ND		ug/kg	71	14.	1
Dichlorodifluoromethane	ND		ug/kg	710	65.	1
Acetone	ND		ug/kg	710	340	1
Carbon disulfide	ND		ug/kg	710	320	1
2-Butanone	ND		ug/kg	710	160	1
4-Methyl-2-pentanone	ND		ug/kg	710	91.	1
2-Hexanone	ND		ug/kg	710	84.	1
Bromochloromethane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	71	20.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	71.	1
Isopropylbenzene	ND		ug/kg	71	7.7	1
Naphthalene	4800		ug/kg	280	46.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
Methyl Acetate	ND		ug/kg	280	67.	1
Cyclohexane	ND		ug/kg	710	39.	1
1,4-Dioxane	ND		ug/kg	5700	2500	1
Freon-113	ND		ug/kg	280	49.	1
Methyl cyclohexane	ND		ug/kg	280	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-04
Client ID: DOC3A-04-190501-1345
Sample Location: ROME, NY

Date Collected: 05/01/19 13:45
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/05/19 16:26
Analyst: JC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	660	300	1
1,1-Dichloroethane	ND		ug/kg	130	19.	1
Chloroform	ND		ug/kg	200	18.	1
Carbon tetrachloride	ND		ug/kg	130	30.	1
1,2-Dichloropropane	ND		ug/kg	130	16.	1
Dibromochloromethane	ND		ug/kg	130	18.	1
1,1,2-Trichloroethane	ND		ug/kg	130	35.	1
Tetrachloroethene	ND		ug/kg	66	26.	1
Chlorobenzene	ND		ug/kg	66	17.	1
Trichlorofluoromethane	ND		ug/kg	530	92.	1
1,2-Dichloroethane	ND		ug/kg	130	34.	1
1,1,1-Trichloroethane	ND		ug/kg	66	22.	1
Bromodichloromethane	ND		ug/kg	66	14.	1
trans-1,3-Dichloropropene	ND		ug/kg	130	36.	1
cis-1,3-Dichloropropene	ND		ug/kg	66	21.	1
Bromoform	ND		ug/kg	530	32.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	66	22.	1
Benzene	ND		ug/kg	66	22.	1
Toluene	ND		ug/kg	130	72.	1
Ethylbenzene	71	J	ug/kg	130	19.	1
Chloromethane	ND		ug/kg	530	120	1
Bromomethane	ND		ug/kg	260	77.	1
Vinyl chloride	ND		ug/kg	130	44.	1
Chloroethane	ND		ug/kg	260	60.	1
1,1-Dichloroethene	ND		ug/kg	130	31.	1
trans-1,2-Dichloroethene	ND		ug/kg	200	18.	1
Trichloroethene	ND		ug/kg	66	18.	1
1,2-Dichlorobenzene	ND		ug/kg	260	19.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-04 Date Collected: 05/01/19 13:45

Client ID: DOC3A-04-190501-1345 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	260	20.	1
1,4-Dichlorobenzene	ND		ug/kg	260	22.	1
Methyl tert butyl ether	ND		ug/kg	260	26.	1
p/m-Xylene	ND		ug/kg	260	74.	1
o-Xylene	49	J	ug/kg	130	38.	1
cis-1,2-Dichloroethene	ND		ug/kg	130	23.	1
Styrene	ND		ug/kg	130	26.	1
Dichlorodifluoromethane	ND		ug/kg	1300	120	1
Acetone	760	J	ug/kg	1300	640	1
Carbon disulfide	ND		ug/kg	1300	600	1
2-Butanone	ND		ug/kg	1300	290	1
4-Methyl-2-pentanone	ND		ug/kg	1300	170	1
2-Hexanone	ND		ug/kg	1300	160	1
Bromochloromethane	ND		ug/kg	260	27.	1
1,2-Dibromoethane	ND		ug/kg	130	37.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	400	130	1
Isopropylbenzene	78	J	ug/kg	130	14.	1
Naphthalene	11000		ug/kg	530	86.	1
1,2,3-Trichlorobenzene	ND		ug/kg	260	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	36.	1
Methyl Acetate	1600		ug/kg	530	120	1
Cyclohexane	ND		ug/kg	1300	72.	1
1,4-Dioxane	ND		ug/kg	10000	4600	1
Freon-113	ND		ug/kg	530	92.	1
Methyl cyclohexane	ND		ug/kg	530	80.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-05
Client ID: DOC3A-05-190501-1550
Sample Location: ROME, NY
Date Collected: 05/01/19 15:50
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/05/19 13:26
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	0.22	J	ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	1.7		ug/kg	1.3	0.73	1
Ethylbenzene	0.23	J	ug/kg	1.3	0.19	1
Chloromethane	2.3	J	ug/kg	5.4	1.2	1
Bromomethane	13		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-05 Date Collected: 05/01/19 15:50

Client ID: DOC3A-05-190501-1550 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	3.1		ug/kg	2.7	0.75	1
o-Xylene	1.8		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	30		ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	1.9		ug/kg	1.3	0.14	1
Naphthalene	27		ug/kg	5.4	0.87	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
Methyl Acetate	130		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	13	0.73	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.4	0.93	1
Methyl cyclohexane	ND		ug/kg	5.4	0.81	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	86		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-06 D
Client ID: DOC3A-06-190501-1630
Sample Location: ROME, NY

Date Collected: 05/01/19 16:30
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/04/19 13:48
Analyst: AD
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	6900	3200	20
1,1-Dichloroethane	ND		ug/kg	1400	200	20
Chloroform	ND		ug/kg	2100	190	20
Carbon tetrachloride	ND		ug/kg	1400	320	20
1,2-Dichloropropane	ND		ug/kg	1400	170	20
Dibromochloromethane	ND		ug/kg	1400	190	20
1,1,2-Trichloroethane	ND		ug/kg	1400	370	20
Tetrachloroethene	ND		ug/kg	690	270	20
Chlorobenzene	ND		ug/kg	690	180	20
Trichlorofluoromethane	ND		ug/kg	5500	960	20
1,2-Dichloroethane	ND		ug/kg	1400	360	20
1,1,1-Trichloroethane	ND		ug/kg	690	230	20
Bromodichloromethane	ND		ug/kg	690	150	20
trans-1,3-Dichloropropene	ND		ug/kg	1400	380	20
cis-1,3-Dichloropropene	ND		ug/kg	690	220	20
Bromoform	ND		ug/kg	5500	340	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	690	230	20
Benzene	ND		ug/kg	690	230	20
Toluene	ND		ug/kg	1400	750	20
Ethylbenzene	240	J	ug/kg	1400	200	20
Chloromethane	ND		ug/kg	5500	1300	20
Bromomethane	ND		ug/kg	2800	800	20
Vinyl chloride	ND		ug/kg	1400	460	20
Chloroethane	ND		ug/kg	2800	630	20
1,1-Dichloroethene	ND		ug/kg	1400	330	20
trans-1,2-Dichloroethene	ND		ug/kg	2100	190	20
Trichloroethene	ND		ug/kg	690	190	20
1,2-Dichlorobenzene	ND		ug/kg	2800	200	20

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-06 D
Client ID: DOC3A-06-190501-1630
Sample Location: ROME, NY

Date Collected: 05/01/19 16:30
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2800	200	20
1,4-Dichlorobenzene	ND		ug/kg	2800	240	20
Methyl tert butyl ether	ND		ug/kg	2800	280	20
p/m-Xylene	ND		ug/kg	2800	780	20
o-Xylene	ND		ug/kg	1400	400	20
cis-1,2-Dichloroethene	ND		ug/kg	1400	240	20
Styrene	ND		ug/kg	1400	270	20
Dichlorodifluoromethane	ND		ug/kg	14000	1300	20
Acetone	ND		ug/kg	14000	6700	20
Carbon disulfide	ND		ug/kg	14000	6300	20
2-Butanone	ND		ug/kg	14000	3100	20
4-Methyl-2-pentanone	ND		ug/kg	14000	1800	20
2-Hexanone	ND		ug/kg	14000	1600	20
Bromochloromethane	ND		ug/kg	2800	280	20
1,2-Dibromoethane	ND		ug/kg	1400	390	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	4200	1400	20
Isopropylbenzene	ND		ug/kg	1400	150	20
Naphthalene	170000		ug/kg	5500	900	20
1,2,3-Trichlorobenzene	ND		ug/kg	2800	450	20
1,2,4-Trichlorobenzene	ND		ug/kg	2800	380	20
Methyl Acetate	ND		ug/kg	5500	1300	20
Cyclohexane	ND		ug/kg	14000	750	20
1,4-Dioxane	ND		ug/kg	110000	49000	20
Freon-113	ND		ug/kg	5500	960	20
Methyl cyclohexane	ND		ug/kg	5500	840	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-07
Client ID: 1234-190501-0001
Sample Location: ROME, NY

Date Collected: 05/01/19 00:00
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/03/19 10:58
Analyst: BD

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
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: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-07 Date Collected: 05/01/19 00:00

Client ID: 1234-190501-0001 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
Naphthalene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/19 10:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1233654-5					
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
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
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/19 10:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1233654-5					
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
Naphthalene	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	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/19 10:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1233654-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/19 12:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1233816-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/19 12:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1233816-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/19 12:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1233816-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/04/19 08:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03 Batch: WG1233889-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/04/19 08:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03 Batch: WG1233889-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	0.20	J	ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/04/19 08:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03 Batch: WG1233889-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/04/19 08:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1233891-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/04/19 08:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1233891-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	10	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/04/19 08:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1233891-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/19 15:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03-04 Batch: WG1233999-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/19 15:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03-04 Batch: WG1233999-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	14	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/19 15:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03-04 Batch: WG1233999-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:05
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1234434-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	30	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:05
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1234434-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:05
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1234434-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

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: WG1233654-3 WG1233654-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		99		70-130	1		20
Carbon tetrachloride	88		84		63-132	5		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	100		98		63-130	2		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	94		91		62-150	3		20
1,2-Dichloroethane	95		95		70-130	0		20
1,1,1-Trichloroethane	97		94		67-130	3		20
Bromodichloromethane	100		96		67-130	4		20
trans-1,3-Dichloropropene	97		96		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	97		96		54-136	1		20
1,1,2,2-Tetrachloroethane	98		98		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	110		120		39-139	9		20
Vinyl chloride	120		110		55-140	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

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: WG1233654-3 WG1233654-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	86		86		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	88		81		36-147	8		20
Acetone	100		110		58-148	10		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	88		81		63-138	8		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	86		90		57-130	5		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	99		98		70-130	1		20
1,2-Dibromo-3-chloropropane	94		94		41-144	0		20
Isopropylbenzene	100		100		70-130	0		20
Naphthalene	96		97		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

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: WG1233654-3 WG1233654-4								
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
Methyl Acetate	95		96		70-130	1		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	156		156		56-162	0		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	86		85		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	94		92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1233816-3 WG1233816-4								
Methylene chloride	103		105		70-130	2		30
1,1-Dichloroethane	114		116		70-130	2		30
Chloroform	101		102		70-130	1		30
Carbon tetrachloride	98		98		70-130	0		30
1,2-Dichloropropane	112		113		70-130	1		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	97		97		70-130	0		30
Tetrachloroethene	95		96		70-130	1		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	77		79		70-139	3		30
1,2-Dichloroethane	104		106		70-130	2		30
1,1,1-Trichloroethane	100		102		70-130	2		30
Bromodichloromethane	102		104		70-130	2		30
trans-1,3-Dichloropropene	100		101		70-130	1		30
cis-1,3-Dichloropropene	106		108		70-130	2		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	91		90		70-130	1		30
Benzene	106		107		70-130	1		30
Toluene	95		95		70-130	0		30
Ethylbenzene	93		94		70-130	1		30
Chloromethane	117		118		52-130	1		30
Bromomethane	74		78		57-147	5		30
Vinyl chloride	100		100		67-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1233816-3 WG1233816-4								
Chloroethane	89		89		50-151	0		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	105		106		70-130	1		30
Trichloroethene	104		105		70-130	1		30
1,2-Dichlorobenzene	89		89		70-130	0		30
1,3-Dichlorobenzene	90		89		70-130	1		30
1,4-Dichlorobenzene	89		89		70-130	0		30
Methyl tert butyl ether	102		104		66-130	2		30
p/m-Xylene	94		94		70-130	0		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	102		101		70-130	1		30
Styrene	92		91		70-130	1		30
Dichlorodifluoromethane	78		78		30-146	0		30
Acetone	119		122		54-140	2		30
Carbon disulfide	106		106		59-130	0		30
2-Butanone	115		102		70-130	12		30
4-Methyl-2-pentanone	102		101		70-130	1		30
2-Hexanone	94		95		70-130	1		30
Bromochloromethane	104		107		70-130	3		30
1,2-Dibromoethane	94		96		70-130	2		30
1,2-Dibromo-3-chloropropane	86		86		68-130	0		30
Isopropylbenzene	90		88		70-130	2		30
Naphthalene	82		80		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1233816-3 WG1233816-4								
1,2,3-Trichlorobenzene	87		86		70-130	1		30
1,2,4-Trichlorobenzene	86		86		70-130	0		30
Methyl Acetate	125		129		51-146	3		30
Cyclohexane	115		116		59-142	1		30
1,4-Dioxane	113		115		65-136	2		30
Freon-113	104		104		50-139	0		30
Methyl cyclohexane	97		97		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	100		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03 Batch: WG1233889-3 WG1233889-4								
Methylene chloride	92		90		70-130	2		30
1,1-Dichloroethane	99		98		70-130	1		30
Chloroform	111		110		70-130	1		30
Carbon tetrachloride	113		112		70-130	1		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	101		102		70-130	1		30
1,1,2-Trichloroethane	92		93		70-130	1		30
Tetrachloroethene	101		98		70-130	3		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	127		126		70-139	1		30
1,2-Dichloroethane	102		104		70-130	2		30
1,1,1-Trichloroethane	111		113		70-130	2		30
Bromodichloromethane	106		109		70-130	3		30
trans-1,3-Dichloropropene	99		101		70-130	2		30
cis-1,3-Dichloropropene	107		108		70-130	1		30
Bromoform	98		103		70-130	5		30
1,1,2,2-Tetrachloroethane	82		87		70-130	6		30
Benzene	102		101		70-130	1		30
Toluene	98		97		70-130	1		30
Ethylbenzene	104		101		70-130	3		30
Chloromethane	93		89		52-130	4		30
Bromomethane	108		108		57-147	0		30
Vinyl chloride	111		107		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03 Batch: WG1233889-3 WG1233889-4								
Chloroethane	138		131		50-151	5		30
1,1-Dichloroethene	115		99		65-135	15		30
trans-1,2-Dichloroethene	104		102		70-130	2		30
Trichloroethene	105		105		70-130	0		30
1,2-Dichlorobenzene	95		96		70-130	1		30
1,3-Dichlorobenzene	98		98		70-130	0		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	104		108		66-130	4		30
p/m-Xylene	105		104		70-130	1		30
o-Xylene	107		104		70-130	3		30
cis-1,2-Dichloroethene	107		107		70-130	0		30
Styrene	110		110		70-130	0		30
Dichlorodifluoromethane	91		89		30-146	2		30
Acetone	88		88		54-140	0		30
Carbon disulfide	107		91		59-130	16		30
2-Butanone	78		84		70-130	7		30
4-Methyl-2-pentanone	74		78		70-130	5		30
2-Hexanone	71		73		70-130	3		30
Bromochloromethane	109		111		70-130	2		30
1,2-Dibromoethane	97		98		70-130	1		30
1,2-Dibromo-3-chloropropane	89		94		68-130	5		30
Isopropylbenzene	102		100		70-130	2		30
Naphthalene	96		100		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03 Batch: WG1233889-3 WG1233889-4								
1,2,3-Trichlorobenzene	98		100		70-130	2		30
1,2,4-Trichlorobenzene	99		100		70-130	1		30
Methyl Acetate	76		80		51-146	5		30
Cyclohexane	89		88		59-142	1		30
1,4-Dioxane	106		114		65-136	7		30
Freon-113	111		97		50-139	13		30
Methyl cyclohexane	97		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		102		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	100		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1233891-3 WG1233891-4								
Methylene chloride	92		90		70-130	2		30
1,1-Dichloroethane	99		98		70-130	1		30
Chloroform	111		110		70-130	1		30
Carbon tetrachloride	113		112		70-130	1		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	101		102		70-130	1		30
1,1,2-Trichloroethane	92		93		70-130	1		30
Tetrachloroethene	101		98		70-130	3		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	127		126		70-139	1		30
1,2-Dichloroethane	102		104		70-130	2		30
1,1,1-Trichloroethane	111		113		70-130	2		30
Bromodichloromethane	106		109		70-130	3		30
trans-1,3-Dichloropropene	99		101		70-130	2		30
cis-1,3-Dichloropropene	107		108		70-130	1		30
Bromoform	98		103		70-130	5		30
1,1,2,2-Tetrachloroethane	82		87		70-130	6		30
Benzene	102		101		70-130	1		30
Toluene	98		97		70-130	1		30
Ethylbenzene	104		101		70-130	3		30
Chloromethane	93		89		52-130	4		30
Bromomethane	108		108		57-147	0		30
Vinyl chloride	111		107		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1233891-3 WG1233891-4								
Chloroethane	138		131		50-151	5		30
1,1-Dichloroethene	115		99		65-135	15		30
trans-1,2-Dichloroethene	104		102		70-130	2		30
Trichloroethene	105		105		70-130	0		30
1,2-Dichlorobenzene	95		96		70-130	1		30
1,3-Dichlorobenzene	98		98		70-130	0		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	104		108		66-130	4		30
p/m-Xylene	105		104		70-130	1		30
o-Xylene	107		104		70-130	3		30
cis-1,2-Dichloroethene	107		107		70-130	0		30
Styrene	110		110		70-130	0		30
Dichlorodifluoromethane	91		89		30-146	2		30
Acetone	88		88		54-140	0		30
Carbon disulfide	107		91		59-130	16		30
2-Butanone	78		84		70-130	7		30
4-Methyl-2-pentanone	74		78		70-130	5		30
2-Hexanone	71		73		70-130	3		30
Bromochloromethane	109		111		70-130	2		30
1,2-Dibromoethane	97		98		70-130	1		30
1,2-Dibromo-3-chloropropane	89		94		68-130	5		30
Isopropylbenzene	102		100		70-130	2		30
Naphthalene	96		100		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1233891-3 WG1233891-4								
1,2,3-Trichlorobenzene	98		100		70-130	2		30
1,2,4-Trichlorobenzene	99		100		70-130	1		30
Methyl Acetate	76		80		51-146	5		30
Cyclohexane	89		88		59-142	1		30
1,4-Dioxane	106		114		65-136	7		30
Freon-113	111		97		50-139	13		30
Methyl cyclohexane	97		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		102		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	100		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03-04 Batch: WG1233999-3 WG1233999-4								
Methylene chloride	94		95		70-130	1		30
1,1-Dichloroethane	108		105		70-130	3		30
Chloroform	115		114		70-130	1		30
Carbon tetrachloride	122		126		70-130	3		30
1,2-Dichloropropane	94		99		70-130	5		30
Dibromochloromethane	110		108		70-130	2		30
1,1,2-Trichloroethane	101		98		70-130	3		30
Tetrachloroethene	111		108		70-130	3		30
Chlorobenzene	101		104		70-130	3		30
Trichlorofluoromethane	136		**146**	Q	70-139	7		30
1,2-Dichloroethane	104		111		70-130	7		30
1,1,1-Trichloroethane	120		125		70-130	4		30
Bromodichloromethane	107		116		70-130	8		30
trans-1,3-Dichloropropene	109		106		70-130	3		30
cis-1,3-Dichloropropene	107		114		70-130	6		30
Bromoform	99		106		70-130	7		30
1,1,2,2-Tetrachloroethane	87		90		70-130	3		30
Benzene	102		107		70-130	5		30
Toluene	101		102		70-130	1		30
Ethylbenzene	107		108		70-130	1		30
Chloromethane	97		104		52-130	7		30
Bromomethane	114		118		57-147	3		30
Vinyl chloride	114		125		67-130	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03-04 Batch: WG1233999-3 WG1233999-4								
Chloroethane	135		140		50-151	4		30
1,1-Dichloroethene	110		109		65-135	1		30
trans-1,2-Dichloroethene	112		108		70-130	4		30
Trichloroethene	115		113		70-130	2		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	99		102		70-130	3		30
1,4-Dichlorobenzene	99		100		70-130	1		30
Methyl tert butyl ether	110		113		66-130	3		30
p/m-Xylene	109		110		70-130	1		30
o-Xylene	109		111		70-130	2		30
cis-1,2-Dichloroethene	112		111		70-130	1		30
Styrene	112		114		70-130	2		30
Dichlorodifluoromethane	104		104		30-146	0		30
Acetone	91		91		54-140	0		30
Carbon disulfide	103		102		59-130	1		30
2-Butanone	76		82		70-130	8		30
4-Methyl-2-pentanone	84		83		70-130	1		30
2-Hexanone	72		79		70-130	9		30
Bromochloromethane	116		116		70-130	0		30
1,2-Dibromoethane	100		104		70-130	4		30
1,2-Dibromo-3-chloropropane	89		99		68-130	11		30
Isopropylbenzene	103		106		70-130	3		30
Naphthalene	95		102		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03-04 Batch: WG1233999-3 WG1233999-4								
1,2,3-Trichlorobenzene	99		104		70-130	5		30
1,2,4-Trichlorobenzene	99		105		70-130	6		30
Methyl Acetate	81		82		51-146	1		30
Cyclohexane	107		99		59-142	8		30
1,4-Dioxane	107		123		65-136	14		30
Freon-113	112		113		50-139	1		30
Methyl cyclohexane	113		109		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		101		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	102		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1234434-3 WG1234434-4								
Methylene chloride	103		110		70-130	7		30
1,1-Dichloroethane	116		109		70-130	6		30
Chloroform	118		123		70-130	4		30
Carbon tetrachloride	**134**	Q	**137**	Q	70-130	2		30
1,2-Dichloropropane	97		106		70-130	9		30
Dibromochloromethane	101		110		70-130	9		30
1,1,2-Trichloroethane	91		101		70-130	10		30
Tetrachloroethene	107		112		70-130	5		30
Chlorobenzene	100		102		70-130	2		30
Trichlorofluoromethane	**140**	Q	**154**	Q	70-139	10		30
1,2-Dichloroethane	110		117		70-130	6		30
1,1,1-Trichloroethane	130		**133**	Q	70-130	2		30
Bromodichloromethane	110		122		70-130	10		30
trans-1,3-Dichloropropene	101		108		70-130	7		30
cis-1,3-Dichloropropene	107		119		70-130	11		30
Bromoform	100		106		70-130	6		30
1,1,2,2-Tetrachloroethane	87		90		70-130	3		30
Benzene	109		111		70-130	2		30
Toluene	96		102		70-130	6		30
Ethylbenzene	106		108		70-130	2		30
Chloromethane	104		107		52-130	3		30
Bromomethane	124		126		57-147	2		30
Vinyl chloride	121		127		67-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1234434-3 WG1234434-4								
Chloroethane	128		133		50-151	4		30
1,1-Dichloroethene	109		130		65-135	18		30
trans-1,2-Dichloroethene	119		123		70-130	3		30
Trichloroethene	109		119		70-130	9		30
1,2-Dichlorobenzene	98		98		70-130	0		30
1,3-Dichlorobenzene	97		100		70-130	3		30
1,4-Dichlorobenzene	96		98		70-130	2		30
Methyl tert butyl ether	115		128		66-130	11		30
p/m-Xylene	109		109		70-130	0		30
o-Xylene	109		111		70-130	2		30
cis-1,2-Dichloroethene	115		115		70-130	0		30
Styrene	112		113		70-130	1		30
Dichlorodifluoromethane	108		109		30-146	1		30
Acetone	112		121		54-140	8		30
Carbon disulfide	104		119		59-130	13		30
2-Butanone	94		89		70-130	5		30
4-Methyl-2-pentanone	76		83		70-130	9		30
2-Hexanone	74		80		70-130	8		30
Bromochloromethane	119		119		70-130	0		30
1,2-Dibromoethane	95		107		70-130	12		30
1,2-Dibromo-3-chloropropane	90		103		68-130	13		30
Isopropylbenzene	106		106		70-130	0		30
Naphthalene	94		102		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1234434-3 WG1234434-4								
1,2,3-Trichlorobenzene	94		103		70-130	9		30
1,2,4-Trichlorobenzene	100		102		70-130	2		30
Methyl Acetate	96		104		51-146	8		30
Cyclohexane	118		108		59-142	9		30
1,4-Dioxane	131		131		65-136	0		30
Freon-113	118		132		50-139	11		30
Methyl cyclohexane	111		120		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		106		70-130
Toluene-d8	90		95		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	107		105		70-130

SEMIVOLATILES

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-01
Client ID: DOC3A-01-190501-1035
Sample Location: ROME, NY

Date Collected: 05/01/19 10:35
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/08/19 02:07
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		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	ND		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	32	J	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	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-01 Date Collected: 05/01/19 10:35

Client ID: DOC3A-01-190501-1035 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	97	J	ug/kg	190	18.	1
Phenanthrene	66	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		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	45	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		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	71.	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	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-01 Date Collected: 05/01/19 10:35

Client ID: DOC3A-01-190501-1035 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	43		18-120

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-02 D
Client ID: DOC3A-02-190501-1210
Sample Location: ROME, NY

Date Collected: 05/01/19 12:10
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/08/19 16:35
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	300000		ug/kg	20000	2600	125
Hexachlorobenzene	ND		ug/kg	15000	2800	125
Bis(2-chloroethyl)ether	ND		ug/kg	22000	3300	125
2-Chloronaphthalene	ND		ug/kg	25000	2400	125
3,3'-Dichlorobenzidine	ND		ug/kg	25000	6600	125
2,4-Dinitrotoluene	ND		ug/kg	25000	4900	125
2,6-Dinitrotoluene	ND		ug/kg	25000	4200	125
Fluoranthene	400000		ug/kg	15000	2800	125
4-Chlorophenyl phenyl ether	ND		ug/kg	25000	2600	125
4-Bromophenyl phenyl ether	ND		ug/kg	25000	3800	125
Bis(2-chloroisopropyl)ether	ND		ug/kg	30000	4200	125
Bis(2-chloroethoxy)methane	ND		ug/kg	27000	2500	125
Hexachlorobutadiene	ND		ug/kg	25000	3600	125
Hexachlorocyclopentadiene	ND		ug/kg	70000	22000	125
Hexachloroethane	ND		ug/kg	20000	4000	125
Isophorone	ND		ug/kg	22000	3200	125
Naphthalene	840000		ug/kg	25000	3000	125
Nitrobenzene	ND		ug/kg	22000	3600	125
NDPA/DPA	ND		ug/kg	20000	2800	125
n-Nitrosodi-n-propylamine	ND		ug/kg	25000	3800	125
Bis(2-ethylhexyl)phthalate	ND		ug/kg	25000	8500	125
Butyl benzyl phthalate	ND		ug/kg	25000	6200	125
Di-n-butylphthalate	ND		ug/kg	25000	4700	125
Di-n-octylphthalate	ND		ug/kg	25000	8400	125
Diethyl phthalate	ND		ug/kg	25000	2300	125
Dimethyl phthalate	ND		ug/kg	25000	5200	125
Benzo(a)anthracene	120000		ug/kg	15000	2800	125
Benzo(a)pyrene	45000		ug/kg	20000	6000	125

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-02 D Date Collected: 05/01/19 12:10

Client ID: DOC3A-02-190501-1210 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	70000		ug/kg	15000	4200	125
Benzo(k)fluoranthene	22000		ug/kg	15000	3900	125
Chrysene	68000		ug/kg	15000	2600	125
Acenaphthylene	14000	J	ug/kg	20000	3800	125
Anthracene	110000		ug/kg	15000	4800	125
Benzo(ghi)perylene	12000	J	ug/kg	20000	2900	125
Fluorene	300000		ug/kg	25000	2400	125
Phenanthrene	710000		ug/kg	15000	3000	125
Dibenzo(a,h)anthracene	4000	J	ug/kg	15000	2800	125
Indeno(1,2,3-cd)pyrene	16000	J	ug/kg	20000	3400	125
Pyrene	280000		ug/kg	15000	2400	125
Biphenyl	76000		ug/kg	56000	5700	125
4-Chloroaniline	ND		ug/kg	25000	4500	125
2-Nitroaniline	ND		ug/kg	25000	4800	125
3-Nitroaniline	ND		ug/kg	25000	4600	125
4-Nitroaniline	ND		ug/kg	25000	10000	125
Dibenzofuran	250000		ug/kg	25000	2300	125
2-Methylnaphthalene	320000		ug/kg	30000	3000	125
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	25000	2600	125
Acetophenone	ND		ug/kg	25000	3000	125
2,4,6-Trichlorophenol	ND		ug/kg	15000	4700	125
p-Chloro-m-cresol	ND		ug/kg	25000	3700	125
2-Chlorophenol	ND		ug/kg	25000	2900	125
2,4-Dichlorophenol	ND		ug/kg	22000	4000	125
2,4-Dimethylphenol	ND		ug/kg	25000	8100	125
2-Nitrophenol	ND		ug/kg	53000	9300	125
4-Nitrophenol	ND		ug/kg	34000	10000	125
2,4-Dinitrophenol	ND		ug/kg	120000	11000	125
4,6-Dinitro-o-cresol	ND		ug/kg	64000	12000	125
Pentachlorophenol	ND		ug/kg	20000	5400	125
Phenol	ND		ug/kg	25000	3700	125
2-Methylphenol	ND		ug/kg	25000	3800	125
3-Methylphenol/4-Methylphenol	ND		ug/kg	36000	3900	125
2,4,5-Trichlorophenol	ND		ug/kg	25000	4700	125
Carbazole	26000		ug/kg	25000	2400	125
Atrazine	ND		ug/kg	20000	8600	125
Benzaldehyde	ND		ug/kg	32000	6700	125

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-02 D
Client ID: DOC3A-02-190501-1210
Sample Location: ROME, NY

Date Collected: 05/01/19 12:10
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	25000	7500	125
2,3,4,6-Tetrachlorophenol	ND		ug/kg	25000	5000	125

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-03
Client ID: DOC3A-03-190501-1315
Sample Location: ROME, NY

Date Collected: 05/01/19 13:15
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/08/19 03:00
Analyst: JG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	79	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	2200		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	33	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	51.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-03 Date Collected: 05/01/19 13:15

Client ID: DOC3A-03-190501-1315 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	25	J	ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	210		ug/kg	210	20.	1
Phenanthrene	270		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	51	J	ug/kg	120	21.	1
Biphenyl	160	J	ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	360		ug/kg	210	20.	1
2-Methylnaphthalene	160	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	450		ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-03 Date Collected: 05/01/19 13:15

Client ID: DOC3A-03-190501-1315 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	30		18-120

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-04
Client ID: DOC3A-04-190501-1345
Sample Location: ROME, NY

Date Collected: 05/01/19 13:45
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/08/19 02:34
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	350		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	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	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	780		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	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	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-04 Date Collected: 05/01/19 13:45

Client ID: DOC3A-04-190501-1345 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	21	J	ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	110	J	ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	72	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		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	82.	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	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	22	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-04 Date Collected: 05/01/19 13:45

Client ID: DOC3A-04-190501-1345 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	41		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	31		18-120

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-05 D2
Client ID: DOC3A-05-190501-1550
Sample Location: ROME, NY

Date Collected: 05/01/19 15:50
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/08/19 17:02
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	46000		ug/kg	960	180	8
Phenanthrene	49000		ug/kg	960	200	8

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-05 D
Client ID: DOC3A-05-190501-1550
Sample Location: ROME, NY

Date Collected: 05/01/19 15:50
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/08/19 09:25
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7000		ug/kg	640	83.	4
Hexachlorobenzene	ND		ug/kg	480	90.	4
Bis(2-chloroethyl)ether	ND		ug/kg	720	110	4
2-Chloronaphthalene	ND		ug/kg	800	80.	4
3,3'-Dichlorobenzidine	ND		ug/kg	800	210	4
2,4-Dinitrotoluene	ND		ug/kg	800	160	4
2,6-Dinitrotoluene	ND		ug/kg	800	140	4
Fluoranthene	39000	E	ug/kg	480	92.	4
4-Chlorophenyl phenyl ether	ND		ug/kg	800	86.	4
4-Bromophenyl phenyl ether	ND		ug/kg	800	120	4
Bis(2-chloroisopropyl)ether	ND		ug/kg	960	140	4
Bis(2-chloroethoxy)methane	ND		ug/kg	870	80.	4
Hexachlorobutadiene	ND		ug/kg	800	120	4
Hexachlorocyclopentadiene	ND		ug/kg	2300	730	4
Hexachloroethane	ND		ug/kg	640	130	4
Isophorone	ND		ug/kg	720	100	4
Naphthalene	4700		ug/kg	800	98.	4
Nitrobenzene	ND		ug/kg	720	120	4
NDPA/DPA	ND		ug/kg	640	91.	4
n-Nitrosodi-n-propylamine	ND		ug/kg	800	120	4
Bis(2-ethylhexyl)phthalate	ND		ug/kg	800	280	4
Butyl benzyl phthalate	ND		ug/kg	800	200	4
Di-n-butylphthalate	ND		ug/kg	800	150	4
Di-n-octylphthalate	ND		ug/kg	800	270	4
Diethyl phthalate	ND		ug/kg	800	74.	4
Dimethyl phthalate	ND		ug/kg	800	170	4
Benzo(a)anthracene	26000		ug/kg	480	90.	4
Benzo(a)pyrene	21000		ug/kg	640	200	4

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-05 D Date Collected: 05/01/19 15:50

Client ID: DOC3A-05-190501-1550 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	30000		ug/kg	480	140	4
Benzo(k)fluoranthene	6500		ug/kg	480	130	4
Chrysene	21000		ug/kg	480	84.	4
Acenaphthylene	740		ug/kg	640	120	4
Anthracene	14000		ug/kg	480	160	4
Benzo(ghi)perylene	10000		ug/kg	640	94.	4
Fluorene	10000		ug/kg	800	78.	4
Phenanthrene	42000	E	ug/kg	480	98.	4
Dibenzo(a,h)anthracene	2900		ug/kg	480	93.	4
Indeno(1,2,3-cd)pyrene	12000		ug/kg	640	110	4
Pyrene	32000		ug/kg	480	80.	4
Biphenyl	560	J	ug/kg	1800	190	4
4-Chloroaniline	ND		ug/kg	800	150	4
2-Nitroaniline	ND		ug/kg	800	150	4
3-Nitroaniline	ND		ug/kg	800	150	4
4-Nitroaniline	ND		ug/kg	800	330	4
Dibenzofuran	5900		ug/kg	800	76.	4
2-Methylnaphthalene	2100		ug/kg	960	97.	4
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	800	84.	4
Acetophenone	ND		ug/kg	800	99.	4
2,4,6-Trichlorophenol	ND		ug/kg	480	150	4
p-Chloro-m-cresol	ND		ug/kg	800	120	4
2-Chlorophenol	ND		ug/kg	800	95.	4
2,4-Dichlorophenol	ND		ug/kg	720	130	4
2,4-Dimethylphenol	ND		ug/kg	800	260	4
2-Nitrophenol	ND		ug/kg	1700	300	4
4-Nitrophenol	ND		ug/kg	1100	330	4
2,4-Dinitrophenol	ND		ug/kg	3800	370	4
4,6-Dinitro-o-cresol	ND		ug/kg	2100	380	4
Pentachlorophenol	ND		ug/kg	640	180	4
Phenol	ND		ug/kg	800	120	4
2-Methylphenol	ND		ug/kg	800	120	4
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	120	4
2,4,5-Trichlorophenol	ND		ug/kg	800	150	4
Carbazole	5700		ug/kg	800	78.	4
Atrazine	ND		ug/kg	640	280	4
Benzaldehyde	ND		ug/kg	1100	220	4

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-05 D
Client ID: DOC3A-05-190501-1550
Sample Location: ROME, NY

Date Collected: 05/01/19 15:50
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	800	240	4
2,3,4,6-Tetrachlorophenol	ND		ug/kg	800	160	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	37		18-120

Project Name: LOT 3A 1 RM
Project Number: 127887-007
Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-06
Client ID: DOC3A-06-190501-1630
Sample Location: ROME, NY

Date Collected: 05/01/19 16:30
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/08/19 03:56
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1500		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	2200		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	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	3800		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	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	560		ug/kg	120	23.	1
Benzo(a)pyrene	240		ug/kg	160	49.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-06 Date Collected: 05/01/19 16:30

Client ID: DOC3A-06-190501-1630 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	340		ug/kg	120	34.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	32.	1
Chrysene	420		ug/kg	120	21.	1
Acenaphthylene	46	J	ug/kg	160	31.	1
Anthracene	410		ug/kg	120	39.	1
Benzo(ghi)perylene	77	J	ug/kg	160	24.	1
Fluorene	1600		ug/kg	200	20.	1
Phenanthrene	4300		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	23	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	92	J	ug/kg	160	28.	1
Pyrene	1400		ug/kg	120	20.	1
Biphenyl	390	J	ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	1300		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	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	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	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	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	380		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: LOT 3A 1 RM **Lab Number:** L1918111

Project Number: 127887-007 **Report Date:** 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-06 Date Collected: 05/01/19 16:30

Client ID: DOC3A-06-190501-1630 Date Received: 05/01/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		25-120
Phenol-d6	36		10-120
Nitrobenzene-d5	37		23-120
2-Fluorobiphenyl	37		30-120
2,4,6-Tribromophenol	40		10-136
4-Terphenyl-d14	31		18-120

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/19 21:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1233745-1					
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: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/19 21:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1233745-1					
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	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	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	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/19 21:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/05/19 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1233745-1					
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	65		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	70		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1233745-2 WG1233745-3								
Acenaphthene	43		47		31-137	9		50
Hexachlorobenzene	43		47		40-140	9		50
Bis(2-chloroethyl)ether	44		49		40-140	11		50
2-Chloronaphthalene	48		52		40-140	8		50
3,3'-Dichlorobenzidine	**34**	Q	**35**	Q	40-140	3		50
2,4-Dinitrotoluene	48		52		40-132	8		50
2,6-Dinitrotoluene	52		56		40-140	7		50
Fluoranthene	49		53		40-140	8		50
4-Chlorophenyl phenyl ether	43		47		40-140	9		50
4-Bromophenyl phenyl ether	44		48		40-140	9		50
Bis(2-chloroisopropyl)ether	47		53		40-140	12		50
Bis(2-chloroethoxy)methane	48		52		40-117	8		50
Hexachlorobutadiene	43		48		40-140	11		50
Hexachlorocyclopentadiene	40		44		40-140	10		50
Hexachloroethane	43		48		40-140	11		50
Isophorone	49		55		40-140	12		50
Naphthalene	45		51		40-140	13		50
Nitrobenzene	48		53		40-140	10		50
NDPA/DPA	45		48		36-157	6		50
n-Nitrosodi-n-propylamine	48		55		32-121	14		50
Bis(2-ethylhexyl)phthalate	46		50		40-140	8		50
Butyl benzyl phthalate	50		52		40-140	4		50
Di-n-butylphthalate	49		53		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1233745-2 WG1233745-3								
Di-n-octylphthalate	48		51		40-140	6		50
Diethyl phthalate	44		48		40-140	9		50
Dimethyl phthalate	48		53		40-140	10		50
Benzo(a)anthracene	48		51		40-140	6		50
Benzo(a)pyrene	46		48		40-140	4		50
Benzo(b)fluoranthene	48		50		40-140	4		50
Benzo(k)fluoranthene	49		50		40-140	2		50
Chrysene	48		49		40-140	2		50
Acenaphthylene	49		54		40-140	10		50
Anthracene	50		53		40-140	6		50
Benzo(ghi)perylene	47		50		40-140	6		50
Fluorene	44		48		40-140	9		50
Phenanthrene	48		52		40-140	8		50
Dibenzo(a,h)anthracene	46		49		40-140	6		50
Indeno(1,2,3-cd)pyrene	46		50		40-140	8		50
Pyrene	50		53		35-142	6		50
Biphenyl	**50**	Q	55		54-104	10		50
4-Chloroaniline	42		47		40-140	11		50
2-Nitroaniline	52		59		47-134	13		50
3-Nitroaniline	38		41		26-129	8		50
4-Nitroaniline	44		47		41-125	7		50
Dibenzofuran	44		48		40-140	9		50
2-Methylnaphthalene	47		52		40-140	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1233745-2 WG1233745-3								
1,2,4,5-Tetrachlorobenzene	48		54		40-117	12		50
Acetophenone	48		55		14-144	14		50
2,4,6-Trichlorophenol	51		57		30-130	11		50
p-Chloro-m-cresol	50		54		26-103	8		50
2-Chlorophenol	48		53		25-102	10		50
2,4-Dichlorophenol	51		56		30-130	9		50
2,4-Dimethylphenol	49		55		30-130	12		50
2-Nitrophenol	51		56		30-130	9		50
4-Nitrophenol	49		57		11-114	15		50
2,4-Dinitrophenol	40		46		4-130	14		50
4,6-Dinitro-o-cresol	52		56		10-130	7		50
Pentachlorophenol	42		45		17-109	7		50
Phenol	44		50		26-90	13		50
2-Methylphenol	49		53		30-130.	8		50
3-Methylphenol/4-Methylphenol	48		54		30-130	12		50
2,4,5-Trichlorophenol	50		56		30-130	11		50
Carbazole	**50**	Q	**53**	Q	54-128	6		50
Atrazine	47		51		40-140	8		50
Benzaldehyde	48		53		40-140	10		50
Caprolactam	60		67		15-130	11		50
2,3,4,6-Tetrachlorophenol	44		48		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A 1 RM

Project Number: 127887-007

Lab Number: L1918111

Report Date: 05/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1233745-2 WG1233745-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		47		25-120
Phenol-d6	44		49		10-120
Nitrobenzene-d5	46		51		23-120
2-Fluorobiphenyl	45		49		30-120
2,4,6-Tribromophenol	41		45		10-136
4-Terphenyl-d14	46		49		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-01
Client ID: DOC3A-01-190501-1035
Sample Location: ROME, NY

Date Collected: 05/01/19 10:35
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	05/02/19 11:14	121,2540G	RI

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-02
Client ID: DOC3A-02-190501-1210
Sample Location: ROME, NY

Date Collected: 05/01/19 12:10
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
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	-	05/02/19 11:14	121,2540G	RI

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-03
Client ID: DOC3A-03-190501-1315
Sample Location: ROME, NY

Date Collected: 05/01/19 13:15
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	05/02/19 11:14	121,2540G	RI

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-04
Client ID: DOC3A-04-190501-1345
Sample Location: ROME, NY

Date Collected: 05/01/19 13:45
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	05/02/19 11:14	121,2540G	RI

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-05
Client ID: DOC3A-05-190501-1550
Sample Location: ROME, NY

Date Collected: 05/01/19 15:50
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	05/02/19 11:14	121,2540G	RI

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

SAMPLE RESULTS

Lab ID: L1918111-06
Client ID: DOC3A-06-190501-1630
Sample Location: ROME, NY

Date Collected: 05/01/19 16:30
Date Received: 05/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	05/02/19 11:14	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A 1 RM

Project Number: 127887-007

Lab Number: L1918111

Report Date: 05/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1232843-1 QC Sample: L1917956-02 Client ID: DUP Sample						
Solids, Total	94.3	93.7	%	1		20

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1918111-01A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1918111-01B	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-01C	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-01D	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L1918111-01E	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14)
L1918111-02A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1918111-02B	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-02C	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-02D	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L1918111-02E	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14)
L1918111-03A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1918111-03B	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1918111-03C	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1918111-03D	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L1918111-03E	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14)
L1918111-04A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1918111-04B	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-04C	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-04D	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L1918111-04E	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14)
L1918111-05A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1918111-05B	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-05C	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LOT 3A 1 RM
Project Number: 127887-007

Lab Number: L1918111
Report Date: 05/08/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1918111-05D	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L1918111-05E	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14)
L1918111-05E9	Vial MeOH preserved split	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1918111-06A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1918111-06B	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-06C	Vial water preserved	A	NA		4.1	Y	Absent	02-MAY-19 07:00	NYTCL-8260HLW(14)
L1918111-06D	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L1918111-06E	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14)
L1918111-07A	Vial MeOH preserved	A	NA		4.1	Y	Absent		HOLD-8260(14)
L1918111-07B	Vial unpreserved	A	NA		4.1	Y	Absent		NYTCL-8260(7)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A 1 RM	**Lab Number:**	L1918111
Project Number:	127887-007	**Report Date:**	05/08/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A 1 RM	**Lab Number:**	L1918111
Project Number:	127887-007	**Report Date:**	05/08/19

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

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A 1 RM **Lab Number:** L1918111
Project Number: 127887-007 **Report Date:** 05/08/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 5/1/19

ALPHA Job #: L1918111

Project Information

Project Name: Lot 3A 1 RM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information

H&A Client: Ltr A of NY
H&A Address: 200 Town Ctr Dr Rochester, NY
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Deliverables

☒ Email ☐ Fax
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC	Sample Specific Comments	Total Bottles
18111-01	DOC3A-01-190501-1035	5/1	1035	SO	DBK	X	X		5
-02	DOC3A-02-190501-1210	5/1	1210	SO	DBK	X	X		5
-03	DOC3A-03-190501-1315	5/1	1315	SO	DBK	X	X		5
-04	DOC3A-04-190501-1345	5/1	1345	SO	DBK	X	X		5
-05	DOC3A-05-190501-1550	5/1	1550	SO	DBK	X	X		5
-06	DOC3A-06-190501-1630	5/1	1630	SO	DBK	X	X		5
-07	1234-190501-0001	5/1	—	W	lab	X			2

Container Type: V/P A
Preservative: F/A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
DBKeller	5/1/19 17:20	[signature]	5/1/19 1720

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 1 (1/28/2016)

ANALYTICAL REPORT

Lab Number:	L1918379
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	06/13/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1918379-01	1234-190502-0001	WATER	ROME, NY	05/02/19 00:00	05/02/19
L1918379-02	1234-190502-0002	SOIL	ROME, NY	05/02/19 00:00	05/02/19
L1918379-03	DOC3A-07-190502-0830	SOIL	ROME, NY	05/02/19 08:30	05/02/19
L1918379-04	DOC3A-08-190502-0930	SOIL	ROME, NY	05/02/19 09:30	05/02/19
L1918379-05	DOC3A-09-190502-1030	SOIL	ROME, NY	05/02/19 10:30	05/02/19
L1918379-06	DOC3A-10-190502-1130	SOIL	ROME, NY	05/02/19 11:30	05/02/19
L1918379-07	DOC3A-11-190502-1210	SOIL	ROME, NY	05/02/19 12:10	05/02/19
L1918379-08	DOC3A-12-190502-1330	SOIL	ROME, NY	05/02/19 13:30	05/02/19
L1918379-09	DOC3A-13-190502-1410	SOIL	ROME, NY	05/02/19 14:10	05/02/19
L1918379-10	DOC3A-14-190502-1500	SOIL	ROME, NY	05/02/19 15:00	05/02/19
L1918379-11	DOC3A-21-190502-1530	SOIL	ROME, NY	05/02/19 15:30	05/02/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1918379
Project Number:	127887-007	**Report Date:**	06/13/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1918379
Project Number:	127887-007	**Report Date:**	06/13/19

Case Narrative (continued)

Report Revision

June 13, 2019: The Client ID was changed on L1918379-04 (DOC3A-08-190502-0930).

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1918379-02 and -06 (1234-190502-0002 and DOC3A-10-190502-1130): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.
L1918379-02, -04, -06, and -11 (1234-190502-0002, DOC3A-08-190502-0930, DOC3A-10-190502-1130, and DOC3A-21-190502-1530): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.
L1918379-03, -07, -08, and -10 (DOC3A-07-190502-0830, DOC3A-11-190502-1210, DOC3A-12-190502-1330, and DOC3A-14-190502-1500): The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of target compounds in the sample.
The WG1234494-3/-4 LCS/LCSD recoveries, associated with L1918379-05 and -09 (DOC3A-09-190502-1030 and DOC3A-09-190502-1030), are above the individual acceptance criteria for chloromethane (133%/132%), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects are considered to have a potentially high bias for these compounds.
The WG1234494-6/-7 MS/MSD recoveries, performed on L1918379-05 (DOC3A-09-190502-1030), are outside the acceptance criteria for 1,1,2,2-tetrachloroethane (MSD at 65%), bromomethane (MS at 55%), 1,2,3-trichloropropane (67%/63%), 2-hexanone (MSD at 63%), 1,2-dibromo-3-chloropropane (MSD at 64%), naphthalene (MSD at 141%), 1,2,3-trichlorobenzene (MS at 67%) and 1,2,4-trichlorobenzene (MS at 66%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was

Project Name:	LOT 3A IRM	**Lab Number:**	L1918379
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Case Narrative (continued)

required.

The WG1234494-6/-7 MS/MSD RPD, performed on L1918379-05 (DOC3A-09-190502-1030), is outside the acceptance criteria for dichlorodifluoromethane (40%).

WG1234494-7: The result with an E flag is due to targe hit in native sample , The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis.

Semivolatile Organics

L1918379-04 and -06 (DOC3A-08-190502-0930 and DOC3A-10-190502-1130): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1918379-06 (DOC3A-10-190502-1130): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L1918379-11 (DOC3A-21-190502-1530): The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1234146-2 LCS recovery, associated with L1918379-02 through -11 (1234-190502-0002, DOC3A-07-190502-0830, DOC3A-08-190502-0930, DOC3A-07-190502-0930, DOC3A-10-190502-1130, DOC3A-11-190502-1210, DOC3A-12-190502-1330, DOC3A-13-190502-1410, DOC3A-14-190502-1500 and DOC3A-21-190502-1530), is above the individual acceptance criteria for p-chloro-m-cresol (104%), but within the overall method allowances. 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: Michelle M. Morris

Title: Technical Director/Representative Date: 06/13/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-01
Client ID: 1234-190502-0001
Sample Location: ROME, NY

Date Collected: 05/02/19 00:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/06/19 09:53
Analyst: PD

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
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: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-01 Date Collected: 05/02/19 00:00

Client ID: 1234-190502-0001 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
Naphthalene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-02 D2
Client ID: 1234-190502-0002
Sample Location: ROME, NY

Date Collected: 05/02/19 00:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/19 01:22
Analyst: JC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Naphthalene	24000000		ug/kg	440000	72000	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-02 D
Client ID: 1234-190502-0002
Sample Location: ROME, NY

Date Collected: 05/02/19 00:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/19 15:37
Analyst: JC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	110000	51000	200
1,1-Dichloroethane	ND		ug/kg	22000	3200	200
Chloroform	ND		ug/kg	33000	3100	200
Carbon tetrachloride	ND		ug/kg	22000	5100	200
1,2-Dichloropropane	ND		ug/kg	22000	2800	200
Dibromochloromethane	ND		ug/kg	22000	3100	200
1,1,2-Trichloroethane	ND		ug/kg	22000	5900	200
Tetrachloroethene	ND		ug/kg	11000	4300	200
Chlorobenzene	ND		ug/kg	11000	2800	200
Trichlorofluoromethane	ND		ug/kg	88000	15000	200
1,2-Dichloroethane	ND		ug/kg	22000	5700	200
1,1,1-Trichloroethane	ND		ug/kg	11000	3700	200
Bromodichloromethane	ND		ug/kg	11000	2400	200
trans-1,3-Dichloropropene	ND		ug/kg	22000	6000	200
cis-1,3-Dichloropropene	ND		ug/kg	11000	3500	200
Bromoform	ND		ug/kg	88000	5400	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	11000	3700	200
Benzene	ND		ug/kg	11000	3700	200
Toluene	35000		ug/kg	22000	12000	200
Ethylbenzene	56000		ug/kg	22000	3100	200
Chloromethane	ND		ug/kg	88000	21000	200
Bromomethane	ND		ug/kg	44000	13000	200
Vinyl chloride	ND		ug/kg	22000	7400	200
Chloroethane	ND		ug/kg	44000	10000	200
1,1-Dichloroethene	ND		ug/kg	22000	5300	200
trans-1,2-Dichloroethene	ND		ug/kg	33000	3000	200
Trichloroethene	ND		ug/kg	11000	3000	200
1,2-Dichlorobenzene	ND		ug/kg	44000	3200	200

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-02 D Date Collected: 05/02/19 00:00

Client ID: 1234-190502-0002 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	44000	3300	200
1,4-Dichlorobenzene	ND		ug/kg	44000	3800	200
Methyl tert butyl ether	ND		ug/kg	44000	4400	200
p/m-Xylene	120000		ug/kg	44000	12000	200
o-Xylene	42000		ug/kg	22000	6400	200
cis-1,2-Dichloroethene	ND		ug/kg	22000	3900	200
Styrene	ND		ug/kg	22000	4300	200
Dichlorodifluoromethane	ND		ug/kg	220000	20000	200
Acetone	ND		ug/kg	220000	110000	200
Carbon disulfide	ND		ug/kg	220000	100000	200
2-Butanone	ND		ug/kg	220000	49000	200
4-Methyl-2-pentanone	ND		ug/kg	220000	28000	200
2-Hexanone	ND		ug/kg	220000	26000	200
Bromochloromethane	ND		ug/kg	44000	4500	200
1,2-Dibromoethane	ND		ug/kg	22000	6200	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	66000	22000	200
Isopropylbenzene	6800	J	ug/kg	22000	2400	200
Naphthalene	17000000	E	ug/kg	88000	14000	200
1,2,3-Trichlorobenzene	ND		ug/kg	44000	7100	200
1,2,4-Trichlorobenzene	ND		ug/kg	44000	6000	200
Methyl Acetate	ND		ug/kg	88000	21000	200
Cyclohexane	ND		ug/kg	220000	12000	200
1,4-Dioxane	ND		ug/kg	1800000	780000	200
Freon-113	ND		ug/kg	88000	15000	200
Methyl cyclohexane	ND		ug/kg	88000	13000	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	95		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-03
Client ID: DOC3A-07-190502-0830
Sample Location: ROME, NY
Date Collected: 05/02/19 08:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/19 10:48
Analyst: NLK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	58	8.4	1
Chloroform	ND		ug/kg	87	8.1	1
Carbon tetrachloride	ND		ug/kg	58	13.	1
1,2-Dichloropropane	ND		ug/kg	58	7.2	1
Dibromochloromethane	ND		ug/kg	58	8.1	1
1,1,2-Trichloroethane	ND		ug/kg	58	15.	1
Tetrachloroethene	ND		ug/kg	29	11.	1
Chlorobenzene	ND		ug/kg	29	7.4	1
Trichlorofluoromethane	ND		ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	58	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.7	1
Bromodichloromethane	ND		ug/kg	29	6.3	1
trans-1,3-Dichloropropene	ND		ug/kg	58	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.2	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.6	1
Benzene	ND		ug/kg	29	9.6	1
Toluene	1300		ug/kg	58	32.	1
Ethylbenzene	1800		ug/kg	58	8.2	1
Chloromethane	ND		ug/kg	230	54.	1
Bromomethane	ND		ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	58	19.	1
Chloroethane	ND		ug/kg	120	26.	1
1,1-Dichloroethene	ND		ug/kg	58	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	87	7.9	1
Trichloroethene	ND		ug/kg	29	7.9	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.4	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-03 Date Collected: 05/02/19 08:30

Client ID: DOC3A-07-190502-0830 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	120	8.6	1
1,4-Dichlorobenzene	ND		ug/kg	120	9.9	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	25000		ug/kg	120	32.	1
o-Xylene	760		ug/kg	58	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	58	10.	1
Styrene	ND		ug/kg	58	11.	1
Dichlorodifluoromethane	ND		ug/kg	580	53.	1
Acetone	ND		ug/kg	580	280	1
Carbon disulfide	ND		ug/kg	580	260	1
2-Butanone	ND		ug/kg	580	130	1
4-Methyl-2-pentanone	ND		ug/kg	580	74.	1
2-Hexanone	ND		ug/kg	580	68.	1
Bromochloromethane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	58	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	58.	1
Isopropylbenzene	350		ug/kg	58	6.3	1
Naphthalene	1600		ug/kg	230	38.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
Methyl Acetate	220	J	ug/kg	230	55.	1
Cyclohexane	ND		ug/kg	580	32.	1
1,4-Dioxane	ND		ug/kg	4600	2000	1
Freon-113	ND		ug/kg	230	40.	1
Methyl cyclohexane	96	J	ug/kg	230	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	93		70-130

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-04 D
Client ID: DOC3A-08-190502-0930
Sample Location: ROME, NY

Date Collected: 05/02/19 09:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/19 16:29
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	3500	1600	10
1,1-Dichloroethane	ND		ug/kg	690	100	10
Chloroform	ND		ug/kg	1000	97.	10
Carbon tetrachloride	ND		ug/kg	690	160	10
1,2-Dichloropropane	ND		ug/kg	690	87.	10
Dibromochloromethane	ND		ug/kg	690	97.	10
1,1,2-Trichloroethane	ND		ug/kg	690	180	10
Tetrachloroethene	ND		ug/kg	350	140	10
Chlorobenzene	ND		ug/kg	350	88.	10
Trichlorofluoromethane	ND		ug/kg	2800	480	10
1,2-Dichloroethane	ND		ug/kg	690	180	10
1,1,1-Trichloroethane	ND		ug/kg	350	120	10
Bromodichloromethane	ND		ug/kg	350	76.	10
trans-1,3-Dichloropropene	ND		ug/kg	690	190	10
cis-1,3-Dichloropropene	ND		ug/kg	350	110	10
Bromoform	ND		ug/kg	2800	170	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	350	120	10
Benzene	ND		ug/kg	350	120	10
Toluene	ND		ug/kg	690	380	10
Ethylbenzene	290	J	ug/kg	690	98.	10
Chloromethane	ND		ug/kg	2800	650	10
Bromomethane	ND		ug/kg	1400	400	10
Vinyl chloride	ND		ug/kg	690	230	10
Chloroethane	ND		ug/kg	1400	310	10
1,1-Dichloroethene	ND		ug/kg	690	160	10
trans-1,2-Dichloroethene	ND		ug/kg	1000	95.	10
Trichloroethene	ND		ug/kg	350	95.	10
1,2-Dichlorobenzene	ND		ug/kg	1400	100	10

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-04 D
Client ID: DOC3A-08-190502-0930
Sample Location: ROME, NY

Date Collected: 05/02/19 09:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1400	100	10
1,4-Dichlorobenzene	ND		ug/kg	1400	120	10
Methyl tert butyl ether	ND		ug/kg	1400	140	10
p/m-Xylene	800	J	ug/kg	1400	390	10
o-Xylene	ND		ug/kg	690	200	10
cis-1,2-Dichloroethene	ND		ug/kg	690	120	10
Styrene	ND		ug/kg	690	140	10
Dichlorodifluoromethane	ND		ug/kg	6900	640	10
Acetone	ND		ug/kg	6900	3300	10
Carbon disulfide	ND		ug/kg	6900	3200	10
2-Butanone	ND		ug/kg	6900	1500	10
4-Methyl-2-pentanone	ND		ug/kg	6900	890	10
2-Hexanone	ND		ug/kg	6900	820	10
Bromochloromethane	ND		ug/kg	1400	140	10
1,2-Dibromoethane	ND		ug/kg	690	190	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2100	690	10
Isopropylbenzene	ND		ug/kg	690	76.	10
Naphthalene	130000		ug/kg	2800	450	10
1,2,3-Trichlorobenzene	ND		ug/kg	1400	220	10
1,2,4-Trichlorobenzene	ND		ug/kg	1400	190	10
Methyl Acetate	ND		ug/kg	2800	660	10
Cyclohexane	ND		ug/kg	6900	380	10
1,4-Dioxane	ND		ug/kg	56000	24000	10
Freon-113	ND		ug/kg	2800	480	10
Methyl cyclohexane	ND		ug/kg	2800	420	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	93		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-05
Client ID: DOC3A-09-190502-1030
Sample Location: ROME, NY

Date Collected: 05/02/19 10:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:32
Analyst: NLK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	1.4		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	1.0		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-05 Date Collected: 05/02/19 10:30

Client ID: DOC3A-09-190502-1030 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	1.8	J	ug/kg	2.1	0.59	1
o-Xylene	0.47	J	ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.97	1
Acetone	11		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	0.15	J	ug/kg	1.0	0.12	1
Naphthalene	240		ug/kg	4.2	0.69	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-06 D2
Client ID: DOC3A-10-190502-1130
Sample Location: ROME, NY

Date Collected: 05/02/19 11:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/19 09:55
Analyst: NLK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Naphthalene	19000000		ug/kg	800000	130000	2000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-06 D
Client ID: DOC3A-10-190502-1130
Sample Location: ROME, NY

Date Collected: 05/02/19 11:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/19 16:55
Analyst: JC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	100000	46000	200
1,1-Dichloroethane	ND		ug/kg	20000	2900	200
Chloroform	ND		ug/kg	30000	2800	200
Carbon tetrachloride	ND		ug/kg	20000	4600	200
1,2-Dichloropropane	ND		ug/kg	20000	2500	200
Dibromochloromethane	ND		ug/kg	20000	2800	200
1,1,2-Trichloroethane	ND		ug/kg	20000	5400	200
Tetrachloroethene	ND		ug/kg	10000	3900	200
Chlorobenzene	ND		ug/kg	10000	2600	200
Trichlorofluoromethane	ND		ug/kg	80000	14000	200
1,2-Dichloroethane	ND		ug/kg	20000	5200	200
1,1,1-Trichloroethane	ND		ug/kg	10000	3400	200
Bromodichloromethane	ND		ug/kg	10000	2200	200
trans-1,3-Dichloropropene	ND		ug/kg	20000	5500	200
cis-1,3-Dichloropropene	ND		ug/kg	10000	3200	200
Bromoform	ND		ug/kg	80000	5000	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	10000	3300	200
Benzene	11000		ug/kg	10000	3300	200
Toluene	110000		ug/kg	20000	11000	200
Ethylbenzene	100000		ug/kg	20000	2800	200
Chloromethane	ND		ug/kg	80000	19000	200
Bromomethane	ND		ug/kg	40000	12000	200
Vinyl chloride	ND		ug/kg	20000	6700	200
Chloroethane	ND		ug/kg	40000	9100	200
1,1-Dichloroethene	ND		ug/kg	20000	4800	200
trans-1,2-Dichloroethene	ND		ug/kg	30000	2800	200
Trichloroethene	ND		ug/kg	10000	2800	200
1,2-Dichlorobenzene	ND		ug/kg	40000	2900	200

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-06 D
Client ID: DOC3A-10-190502-1130
Sample Location: ROME, NY

Date Collected: 05/02/19 11:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	40000	3000	200
1,4-Dichlorobenzene	ND		ug/kg	40000	3400	200
Methyl tert butyl ether	ND		ug/kg	40000	4000	200
p/m-Xylene	240000		ug/kg	40000	11000	200
o-Xylene	80000		ug/kg	20000	5900	200
cis-1,2-Dichloroethene	ND		ug/kg	20000	3500	200
Styrene	6400	J	ug/kg	20000	3900	200
Dichlorodifluoromethane	ND		ug/kg	200000	18000	200
Acetone	ND		ug/kg	200000	97000	200
Carbon disulfide	ND		ug/kg	200000	92000	200
2-Butanone	ND		ug/kg	200000	45000	200
4-Methyl-2-pentanone	ND		ug/kg	200000	26000	200
2-Hexanone	ND		ug/kg	200000	24000	200
Bromochloromethane	ND		ug/kg	40000	4100	200
1,2-Dibromoethane	ND		ug/kg	20000	5600	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	60000	20000	200
Isopropylbenzene	7800	J	ug/kg	20000	2200	200
Naphthalene	20000000	E	ug/kg	80000	13000	200
1,2,3-Trichlorobenzene	ND		ug/kg	40000	6500	200
1,2,4-Trichlorobenzene	ND		ug/kg	40000	5500	200
Methyl Acetate	ND		ug/kg	80000	19000	200
Cyclohexane	ND		ug/kg	200000	11000	200
1,4-Dioxane	ND		ug/kg	1600000	710000	200
Freon-113	ND		ug/kg	80000	14000	200
Methyl cyclohexane	ND		ug/kg	80000	12000	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	93		70-130

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-07
Client ID: DOC3A-11-190502-1210
Sample Location: ROME, NY

Date Collected: 05/02/19 12:10
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/19 00:04
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	350	160	1
1,1-Dichloroethane	ND		ug/kg	70	10.	1
Chloroform	ND		ug/kg	100	9.7	1
Carbon tetrachloride	ND		ug/kg	70	16.	1
1,2-Dichloropropane	ND		ug/kg	70	8.7	1
Dibromochloromethane	ND		ug/kg	70	9.7	1
1,1,2-Trichloroethane	ND		ug/kg	70	18.	1
Tetrachloroethene	ND		ug/kg	35	14.	1
Chlorobenzene	ND		ug/kg	35	8.8	1
Trichlorofluoromethane	ND		ug/kg	280	48.	1
1,2-Dichloroethane	ND		ug/kg	70	18.	1
1,1,1-Trichloroethane	ND		ug/kg	35	12.	1
Bromodichloromethane	ND		ug/kg	35	7.6	1
trans-1,3-Dichloropropene	ND		ug/kg	70	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	35	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	12.	1
Benzene	13	J	ug/kg	35	12.	1
Toluene	ND		ug/kg	70	38.	1
Ethylbenzene	30	J	ug/kg	70	9.8	1
Chloromethane	ND		ug/kg	280	65.	1
Bromomethane	ND		ug/kg	140	40.	1
Vinyl chloride	ND		ug/kg	70	23.	1
Chloroethane	ND		ug/kg	140	31.	1
1,1-Dichloroethene	ND		ug/kg	70	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.5	1
Trichloroethene	ND		ug/kg	35	9.5	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-07 Date Collected: 05/02/19 12:10

Client ID: DOC3A-11-190502-1210 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	61	J	ug/kg	140	39.	1
o-Xylene	21	J	ug/kg	70	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	70	12.	1
Styrene	ND		ug/kg	70	14.	1
Dichlorodifluoromethane	ND		ug/kg	700	64.	1
Acetone	ND		ug/kg	700	330	1
Carbon disulfide	ND		ug/kg	700	320	1
2-Butanone	ND		ug/kg	700	150	1
4-Methyl-2-pentanone	ND		ug/kg	700	89.	1
2-Hexanone	ND		ug/kg	700	82.	1
Bromochloromethane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	70	19.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	69.	1
Isopropylbenzene	ND		ug/kg	70	7.6	1
Naphthalene	14000		ug/kg	280	45.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
Methyl Acetate	ND		ug/kg	280	66.	1
Cyclohexane	ND		ug/kg	700	38.	1
1,4-Dioxane	ND		ug/kg	5600	2400	1
Freon-113	ND		ug/kg	280	48.	1
Methyl cyclohexane	ND		ug/kg	280	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-08
Client ID: DOC3A-12-190502-1330
Sample Location: ROME, NY

Date Collected: 05/02/19 13:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/19 17:47
Analyst: JC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	380	180	1
1,1-Dichloroethane	ND		ug/kg	77	11.	1
Chloroform	ND		ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	77	18.	1
1,2-Dichloropropane	ND		ug/kg	77	9.6	1
Dibromochloromethane	ND		ug/kg	77	11.	1
1,1,2-Trichloroethane	ND		ug/kg	77	20.	1
Tetrachloroethene	ND		ug/kg	38	15.	1
Chlorobenzene	ND		ug/kg	38	9.8	1
Trichlorofluoromethane	ND		ug/kg	310	54.	1
1,2-Dichloroethane	ND		ug/kg	77	20.	1
1,1,1-Trichloroethane	ND		ug/kg	38	13.	1
Bromodichloromethane	ND		ug/kg	38	8.4	1
trans-1,3-Dichloropropene	ND		ug/kg	77	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	38	12.	1
Bromoform	ND		ug/kg	310	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	38	13.	1
Benzene	ND		ug/kg	38	13.	1
Toluene	ND		ug/kg	77	42.	1
Ethylbenzene	ND		ug/kg	77	11.	1
Chloromethane	ND		ug/kg	310	72.	1
Bromomethane	94	J	ug/kg	150	45.	1
Vinyl chloride	ND		ug/kg	77	26.	1
Chloroethane	ND		ug/kg	150	35.	1
1,1-Dichloroethene	ND		ug/kg	77	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	10.	1
Trichloroethene	ND		ug/kg	38	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-08 Date Collected: 05/02/19 13:30

Client ID: DOC3A-12-190502-1330 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	ND		ug/kg	150	43.	1
o-Xylene	ND		ug/kg	77	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	77	13.	1
Styrene	ND		ug/kg	77	15.	1
Dichlorodifluoromethane	ND		ug/kg	770	70.	1
Acetone	390	J	ug/kg	770	370	1
Carbon disulfide	ND		ug/kg	770	350	1
2-Butanone	ND		ug/kg	770	170	1
4-Methyl-2-pentanone	ND		ug/kg	770	99.	1
2-Hexanone	ND		ug/kg	770	91.	1
Bromochloromethane	ND		ug/kg	150	16.	1
1,2-Dibromoethane	ND		ug/kg	77	22.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	77.	1
Isopropylbenzene	16	J	ug/kg	77	8.4	1
Naphthalene	400		ug/kg	310	50.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	21.	1
Methyl Acetate	810		ug/kg	310	73.	1
Cyclohexane	ND		ug/kg	770	42.	1
1,4-Dioxane	ND		ug/kg	6200	2700	1
Freon-113	ND		ug/kg	310	53.	1
Methyl cyclohexane	ND		ug/kg	310	46.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	93		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-09
Client ID: DOC3A-13-190502-1410
Sample Location: ROME, NY
Date Collected: 05/02/19 14:10
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:58
Analyst: NLK
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-09 Date Collected: 05/02/19 14:10

Client ID: DOC3A-13-190502-1410 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	0.43	J	ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	86		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	9.3	J	ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	0.47	J	ug/kg	0.99	0.11	1
Naphthalene	2.1	J	ug/kg	4.0	0.64	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-10
Client ID: DOC3A-14-190502-1500
Sample Location: ROME, NY
Date Collected: 05/02/19 15:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/19 09:29
Analyst: NLK
Percent Solids: 53%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	720	330	1
1,1-Dichloroethane	ND		ug/kg	140	21.	1
Chloroform	ND		ug/kg	220	20.	1
Carbon tetrachloride	ND		ug/kg	140	33.	1
1,2-Dichloropropane	ND		ug/kg	140	18.	1
Dibromochloromethane	ND		ug/kg	140	20.	1
1,1,2-Trichloroethane	ND		ug/kg	140	38.	1
Tetrachloroethene	ND		ug/kg	72	28.	1
Chlorobenzene	ND		ug/kg	72	18.	1
Trichlorofluoromethane	ND		ug/kg	580	100	1
1,2-Dichloroethane	ND		ug/kg	140	37.	1
1,1,1-Trichloroethane	ND		ug/kg	72	24.	1
Bromodichloromethane	ND		ug/kg	72	16.	1
trans-1,3-Dichloropropene	ND		ug/kg	140	39.	1
cis-1,3-Dichloropropene	ND		ug/kg	72	23.	1
Bromoform	ND		ug/kg	580	36.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	72	24.	1
Benzene	ND		ug/kg	72	24.	1
Toluene	ND		ug/kg	140	78.	1
Ethylbenzene	ND		ug/kg	140	20.	1
Chloromethane	ND		ug/kg	580	130	1
Bromomethane	ND		ug/kg	290	84.	1
Vinyl chloride	ND		ug/kg	140	48.	1
Chloroethane	ND		ug/kg	290	65.	1
1,1-Dichloroethene	ND		ug/kg	140	34.	1
trans-1,2-Dichloroethene	ND		ug/kg	220	20.	1
Trichloroethene	ND		ug/kg	72	20.	1
1,2-Dichlorobenzene	ND		ug/kg	290	21.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-10 Date Collected: 05/02/19 15:00

Client ID: DOC3A-14-190502-1500 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	290	21.	1
1,4-Dichlorobenzene	ND		ug/kg	290	25.	1
Methyl tert butyl ether	ND		ug/kg	290	29.	1
p/m-Xylene	ND		ug/kg	290	81.	1
o-Xylene	ND		ug/kg	140	42.	1
cis-1,2-Dichloroethene	ND		ug/kg	140	25.	1
Styrene	ND		ug/kg	140	28.	1
Dichlorodifluoromethane	ND		ug/kg	1400	130	1
Acetone	ND		ug/kg	1400	690	1
Carbon disulfide	ND		ug/kg	1400	660	1
2-Butanone	ND		ug/kg	1400	320	1
4-Methyl-2-pentanone	ND		ug/kg	1400	180	1
2-Hexanone	ND		ug/kg	1400	170	1
Bromochloromethane	ND		ug/kg	290	30.	1
1,2-Dibromoethane	ND		ug/kg	140	40.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	430	140	1
Isopropylbenzene	29	J	ug/kg	140	16.	1
Naphthalene	30000		ug/kg	580	94.	1
1,2,3-Trichlorobenzene	ND		ug/kg	290	46.	1
1,2,4-Trichlorobenzene	ND		ug/kg	290	39.	1
Methyl Acetate	1400		ug/kg	580	140	1
Cyclohexane	ND		ug/kg	1400	78.	1
1,4-Dioxane	ND		ug/kg	12000	5100	1
Freon-113	ND		ug/kg	580	100	1
Methyl cyclohexane	ND		ug/kg	580	87.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-11 D
Client ID: DOC3A-21-190502-1530
Sample Location: ROME, NY

Date Collected: 05/02/19 15:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/19 00:56
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	2200	1000	5
1,1-Dichloroethane	ND		ug/kg	440	64.	5
Chloroform	ND		ug/kg	660	62.	5
Carbon tetrachloride	ND		ug/kg	440	100	5
1,2-Dichloropropane	ND		ug/kg	440	55.	5
Dibromochloromethane	ND		ug/kg	440	62.	5
1,1,2-Trichloroethane	ND		ug/kg	440	120	5
Tetrachloroethene	ND		ug/kg	220	87.	5
Chlorobenzene	ND		ug/kg	220	56.	5
Trichlorofluoromethane	ND		ug/kg	1800	310	5
1,2-Dichloroethane	ND		ug/kg	440	110	5
1,1,1-Trichloroethane	ND		ug/kg	220	74.	5
Bromodichloromethane	ND		ug/kg	220	48.	5
trans-1,3-Dichloropropene	ND		ug/kg	440	120	5
cis-1,3-Dichloropropene	ND		ug/kg	220	70.	5
Bromoform	ND		ug/kg	1800	110	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	220	73.	5
Benzene	ND		ug/kg	220	73.	5
Toluene	ND		ug/kg	440	240	5
Ethylbenzene	ND		ug/kg	440	62.	5
Chloromethane	ND		ug/kg	1800	410	5
Bromomethane	ND		ug/kg	880	260	5
Vinyl chloride	ND		ug/kg	440	150	5
Chloroethane	ND		ug/kg	880	200	5
1,1-Dichloroethene	ND		ug/kg	440	100	5
trans-1,2-Dichloroethene	ND		ug/kg	660	61.	5
Trichloroethene	ND		ug/kg	220	61.	5
1,2-Dichlorobenzene	ND		ug/kg	880	64.	5

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-11 D
Client ID: DOC3A-21-190502-1530
Sample Location: ROME, NY

Date Collected: 05/02/19 15:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	880	65.	5
1,4-Dichlorobenzene	ND		ug/kg	880	76.	5
Methyl tert butyl ether	ND		ug/kg	880	89.	5
p/m-Xylene	ND		ug/kg	880	250	5
o-Xylene	ND		ug/kg	440	130	5
cis-1,2-Dichloroethene	ND		ug/kg	440	77.	5
Styrene	ND		ug/kg	440	87.	5
Dichlorodifluoromethane	ND		ug/kg	4400	400	5
Acetone	ND		ug/kg	4400	2100	5
Carbon disulfide	ND		ug/kg	4400	2000	5
2-Butanone	ND		ug/kg	4400	980	5
4-Methyl-2-pentanone	ND		ug/kg	4400	570	5
2-Hexanone	ND		ug/kg	4400	520	5
Bromochloromethane	ND		ug/kg	880	91.	5
1,2-Dibromoethane	ND		ug/kg	440	120	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	1300	440	5
Isopropylbenzene	ND		ug/kg	440	48.	5
Naphthalene	90000		ug/kg	1800	290	5
1,2,3-Trichlorobenzene	ND		ug/kg	880	140	5
1,2,4-Trichlorobenzene	ND		ug/kg	880	120	5
Methyl Acetate	ND		ug/kg	1800	420	5
Cyclohexane	ND		ug/kg	4400	240	5
1,4-Dioxane	ND		ug/kg	35000	16000	5
Freon-113	ND		ug/kg	1800	310	5
Methyl cyclohexane	ND		ug/kg	1800	270	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	97		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/06/19 09:17
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1234424-5					
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
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
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/06/19 09:17
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1234424-5					
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
Naphthalene	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	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/06/19 09:17
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1234424-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:06
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,09 Batch: WG1234494-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:06
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,09 Batch: WG1234494-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:06
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,09 Batch: WG1234494-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:08
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04,06,08 Batch: WG1234617-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	76	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:08
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04,06,08 Batch: WG1234617-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 09:08
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04,06,08 Batch: WG1234617-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	94		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 20:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,07,11 Batch: WG1234856-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 20:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,07,11 Batch: WG1234856-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/19 20:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,07,11 Batch: WG1234856-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/19 08:12
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,06,10 Batch: WG1234891-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/19 08:12
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,06,10 Batch: WG1234891-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/19 08:12
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,06,10 Batch: WG1234891-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

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: WG1234424-3 WG1234424-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	97		96		63-130	1		20
1,1,2-Trichloroethane	96		98		70-130	2		20
Tetrachloroethene	99		100		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		97		62-150	3		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	90		91		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	86		86		54-136	0		20
1,1,2,2-Tetrachloroethane	88		88		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	97		89		64-130	9		20
Bromomethane	99		93		39-139	6		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

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: WG1234424-3 WG1234424-4								
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	97		98		70-130	1		20
1,3-Dichlorobenzene	98		98		70-130	0		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	93		97		63-130	4		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	100		98		36-147	2		20
Acetone	97		98		58-148	1		20
Carbon disulfide	95		94		51-130	1		20
2-Butanone	110		110		63-138	0		20
4-Methyl-2-pentanone	84		86		59-130	2		20
2-Hexanone	88		89		57-130	1		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	94		94		70-130	0		20
1,2-Dibromo-3-chloropropane	86		84		41-144	2		20
Isopropylbenzene	100		100		70-130	0		20
Naphthalene	98		98		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

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: WG1234424-3 WG1234424-4								
1,2,3-Trichlorobenzene	100		99		70-130	1		20
1,2,4-Trichlorobenzene	99		100		70-130	1		20
Methyl Acetate	96		99		70-130	3		20
Cyclohexane	110		100		70-130	10		20
1,4-Dioxane	82		78		56-162	5		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		99		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 Batch: WG1234494-3 WG1234494-4								
Methylene chloride	114		114		70-130	0		30
1,1-Dichloroethane	120		118		70-130	2		30
Chloroform	106		107		70-130	1		30
Carbon tetrachloride	106		108		70-130	2		30
1,2-Dichloropropane	117		118		70-130	1		30
Dibromochloromethane	96		98		70-130	2		30
1,1,2-Trichloroethane	98		97		70-130	1		30
Tetrachloroethene	100		98		70-130	2		30
Chlorobenzene	95		95		70-130	0		30
Trichlorofluoromethane	93		91		70-139	2		30
1,2-Dichloroethane	110		109		70-130	1		30
1,1,1-Trichloroethane	108		107		70-130	1		30
Bromodichloromethane	108		106		70-130	2		30
trans-1,3-Dichloropropene	101		103		70-130	2		30
cis-1,3-Dichloropropene	113		112		70-130	1		30
Bromoform	90		92		70-130	2		30
1,1,2,2-Tetrachloroethane	89		90		70-130	1		30
Benzene	111		111		70-130	0		30
Toluene	96		97		70-130	1		30
Ethylbenzene	95		96		70-130	1		30
Chloromethane	**133**	Q	**132**	Q	52-130	1		30
Bromomethane	58		58		57-147	0		30
Vinyl chloride	116		114		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 Batch: WG1234494-3 WG1234494-4								
Chloroethane	95		95		50-151	0		30
1,1-Dichloroethene	119		119		65-135	0		30
trans-1,2-Dichloroethene	113		110		70-130	3		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	90		91		70-130	1		30
1,3-Dichlorobenzene	91		91		70-130	0		30
1,4-Dichlorobenzene	88		90		70-130	2		30
Methyl tert butyl ether	111		110		66-130	1		30
p/m-Xylene	96		98		70-130	2		30
o-Xylene	94		94		70-130	0		30
cis-1,2-Dichloroethene	107		109		70-130	2		30
Styrene	94		94		70-130	0		30
Dichlorodifluoromethane	129		129		30-146	0		30
Acetone	134		121		54-140	10		30
Carbon disulfide	118		117		59-130	1		30
2-Butanone	116		103		70-130	12		30
4-Methyl-2-pentanone	102		101		70-130	1		30
2-Hexanone	94		89		70-130	5		30
Bromochloromethane	113		110		70-130	3		30
1,2-Dibromoethane	98		98		70-130	0		30
1,2-Dibromo-3-chloropropane	90		87		68-130	3		30
Isopropylbenzene	89		90		70-130	1		30
Naphthalene	83		83		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 Batch: WG1234494-3 WG1234494-4								
1,2,3-Trichlorobenzene	88		89		70-130	1		30
1,2,4-Trichlorobenzene	89		89		70-130	0		30
Methyl Acetate	127		116		51-146	9		30
Cyclohexane	131		130		59-142	1		30
1,4-Dioxane	119		110		65-136	8		30
Freon-113	122		121		50-139	1		30
Methyl cyclohexane	114		112		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		99		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG1234617-3 WG1234617-4								
Methylene chloride	100		103		70-130	3		30
1,1-Dichloroethane	119		125		70-130	5		30
Chloroform	110		114		70-130	4		30
Carbon tetrachloride	100		104		70-130	4		30
1,2-Dichloropropane	121		124		70-130	2		30
Dibromochloromethane	93		96		70-130	3		30
1,1,2-Trichloroethane	106		108		70-130	2		30
Tetrachloroethene	88		92		70-130	4		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	88		91		70-139	3		30
1,2-Dichloroethane	115		118		70-130	3		30
1,1,1-Trichloroethane	104		109		70-130	5		30
Bromodichloromethane	107		110		70-130	3		30
trans-1,3-Dichloropropene	108		112		70-130	4		30
cis-1,3-Dichloropropene	107		110		70-130	3		30
Bromoform	89		92		70-130	3		30
1,1,2,2-Tetrachloroethane	107		109		70-130	2		30
Benzene	109		113		70-130	4		30
Toluene	105		108		70-130	3		30
Ethylbenzene	106		108		70-130	2		30
Chloromethane	116		118		52-130	2		30
Bromomethane	103		106		57-147	3		30
Vinyl chloride	100		103		67-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG1234617-3 WG1234617-4								
Chloroethane	98		104		50-151	6		30
1,1-Dichloroethene	97		100		65-135	3		30
trans-1,2-Dichloroethene	98		101		70-130	3		30
Trichloroethene	104		106		70-130	2		30
1,2-Dichlorobenzene	93		96		70-130	3		30
1,3-Dichlorobenzene	96		98		70-130	2		30
1,4-Dichlorobenzene	95		97		70-130	2		30
Methyl tert butyl ether	98		100		66-130	2		30
p/m-Xylene	97		100		70-130	3		30
o-Xylene	96		98		70-130	2		30
cis-1,2-Dichloroethene	96		99		70-130	3		30
Styrene	94		97		70-130	3		30
Dichlorodifluoromethane	85		86		30-146	1		30
Acetone	137		133		54-140	3		30
Carbon disulfide	105		108		59-130	3		30
2-Butanone	107		105		70-130	2		30
4-Methyl-2-pentanone	109		107		70-130	2		30
2-Hexanone	124		120		70-130	3		30
Bromochloromethane	90		93		70-130	3		30
1,2-Dibromoethane	95		97		70-130	2		30
1,2-Dibromo-3-chloropropane	85		83		68-130	2		30
Isopropylbenzene	108		112		70-130	4		30
Naphthalene	86		88		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG1234617-3 WG1234617-4								
1,2,3-Trichlorobenzene	85		88		70-130	3		30
1,2,4-Trichlorobenzene	89		90		70-130	1		30
Methyl Acetate	109		109		51-146	0		30
Cyclohexane	133		140		59-142	5		30
1,4-Dioxane	103		104		65-136	1		30
Freon-113	105		110		50-139	5		30
Methyl cyclohexane	114		117		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		111		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	115		114		70-130
Dibromofluoromethane	96		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,07,11 Batch: WG1234856-3 WG1234856-4								
Methylene chloride	115		114		70-130	1		30
1,1-Dichloroethane	116		114		70-130	2		30
Chloroform	114		112		70-130	2		30
Carbon tetrachloride	110		107		70-130	3		30
1,2-Dichloropropane	117		115		70-130	2		30
Dibromochloromethane	110		111		70-130	1		30
1,1,2-Trichloroethane	116		115		70-130	1		30
Tetrachloroethene	111		107		70-130	4		30
Chlorobenzene	112		110		70-130	2		30
Trichlorofluoromethane	110		105		70-139	5		30
1,2-Dichloroethane	115		114		70-130	1		30
1,1,1-Trichloroethane	113		110		70-130	3		30
Bromodichloromethane	114		113		70-130	1		30
trans-1,3-Dichloropropene	114		113		70-130	1		30
cis-1,3-Dichloropropene	117		116		70-130	1		30
Bromoform	104		107		70-130	3		30
1,1,2,2-Tetrachloroethane	108		106		70-130	2		30
Benzene	115		113		70-130	2		30
Toluene	110		108		70-130	2		30
Ethylbenzene	112		109		70-130	3		30
Chloromethane	111		108		52-130	3		30
Bromomethane	120		118		57-147	2		30
Vinyl chloride	112		108		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,07,11 Batch: WG1234856-3 WG1234856-4								
Chloroethane	111		108		50-151	3		30
1,1-Dichloroethene	113		109		65-135	4		30
trans-1,2-Dichloroethene	115		112		70-130	3		30
Trichloroethene	112		109		70-130	3		30
1,2-Dichlorobenzene	111		109		70-130	2		30
1,3-Dichlorobenzene	112		110		70-130	2		30
1,4-Dichlorobenzene	111		109		70-130	2		30
Methyl tert butyl ether	114		113		66-130	1		30
p/m-Xylene	113		111		70-130	2		30
o-Xylene	114		112		70-130	2		30
cis-1,2-Dichloroethene	116		113		70-130	3		30
Styrene	117		116		70-130	1		30
Dichlorodifluoromethane	110		105		30-146	5		30
Acetone	114		113		54-140	1		30
Carbon disulfide	107		104		59-130	3		30
2-Butanone	106		102		70-130	4		30
4-Methyl-2-pentanone	108		109		70-130	1		30
2-Hexanone	98		99		70-130	1		30
Bromochloromethane	117		114		70-130	3		30
1,2-Dibromoethane	114		114		70-130	0		30
1,2-Dibromo-3-chloropropane	104		105		68-130	1		30
Isopropylbenzene	108		106		70-130	2		30
Naphthalene	107		107		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,07,11 Batch: WG1234856-3 WG1234856-4								
1,2,3-Trichlorobenzene	114		114		70-130	0		30
1,2,4-Trichlorobenzene	113		111		70-130	2		30
Methyl Acetate	111		112		51-146	1		30
Cyclohexane	113		110		59-142	3		30
1,4-Dioxane	117		118		65-136	1		30
Freon-113	112		109		50-139	3		30
Methyl cyclohexane	111		108		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,06,10 Batch: WG1234891-3 WG1234891-4								
Methylene chloride	108		106		70-130	2		30
1,1-Dichloroethane	109		109		70-130	0		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	105		106		70-130	1		30
1,2-Dichloropropane	108		107		70-130	1		30
Dibromochloromethane	100		99		70-130	1		30
1,1,2-Trichloroethane	105		102		70-130	3		30
Tetrachloroethene	107		107		70-130	0		30
Chlorobenzene	105		104		70-130	1		30
Trichlorofluoromethane	107		105		70-139	2		30
1,2-Dichloroethane	105		103		70-130	2		30
1,1,1-Trichloroethane	109		108		70-130	1		30
Bromodichloromethane	105		104		70-130	1		30
trans-1,3-Dichloropropene	106		104		70-130	2		30
cis-1,3-Dichloropropene	111		110		70-130	1		30
Bromoform	98		96		70-130	2		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	109		109		70-130	0		30
Toluene	103		103		70-130	0		30
Ethylbenzene	105		105		70-130	0		30
Chloromethane	110		108		52-130	2		30
Bromomethane	110		106		57-147	4		30
Vinyl chloride	108		106		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,06,10 Batch: WG1234891-3 WG1234891-4								
Chloroethane	95		92		50-151	3		30
1,1-Dichloroethene	112		110		65-135	2		30
trans-1,2-Dichloroethene	111		110		70-130	1		30
Trichloroethene	106		106		70-130	0		30
1,2-Dichlorobenzene	105		103		70-130	2		30
1,3-Dichlorobenzene	106		105		70-130	1		30
1,4-Dichlorobenzene	105		103		70-130	2		30
Methyl tert butyl ether	110		107		66-130	3		30
p/m-Xylene	107		106		70-130	1		30
o-Xylene	106		106		70-130	0		30
cis-1,2-Dichloroethene	109		109		70-130	0		30
Styrene	108		107		70-130	1		30
Dichlorodifluoromethane	117		116		30-146	1		30
Acetone	111		102		54-140	8		30
Carbon disulfide	102		102		59-130	0		30
2-Butanone	96		89		70-130	8		30
4-Methyl-2-pentanone	103		98		70-130	5		30
2-Hexanone	96		90		70-130	6		30
Bromochloromethane	112		110		70-130	2		30
1,2-Dibromoethane	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	95		92		68-130	3		30
Isopropylbenzene	106		106		70-130	0		30
Naphthalene	105		100		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,06,10 Batch: WG1234891-3 WG1234891-4								
1,2,3-Trichlorobenzene	111		108		70-130	3		30
1,2,4-Trichlorobenzene	109		108		70-130	1		30
Methyl Acetate	106		100		51-146	6		30
Cyclohexane	111		110		59-142	1		30
1,4-Dioxane	118		112		65-136	5		30
Freon-113	110		110		50-139	0		30
Methyl cyclohexane	110		109		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	97		96		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 QC Batch ID: WG1234494-6 WG1234494-7 QC Sample: L1918379-05 Client ID: DOC3A-09-190502-1030												
Methylene chloride	ND	111	110	97		100	97		70-130	4		30
1,1-Dichloroethane	ND	111	120	104		120	107		70-130	1		30
Chloroform	ND	111	100	92		100	95		70-130	1		30
Carbon tetrachloride	ND	111	110	97		110	104		70-130	4		30
1,2-Dichloropropane	ND	111	110	102		110	102		70-130	4		30
Dibromochloromethane	ND	111	95	85		87	81		70-130	8		30
1,1,2-Trichloroethane	ND	111	91	82		82	76		70-130	11		30
Tetrachloroethene	ND	111	92	83		98	91		70-130	6		30
Chlorobenzene	ND	111	88	79		88	82		70-130	0		30
Trichlorofluoromethane	ND	111	92	82		92	86		70-139	0		30
1,2-Dichloroethane	ND	111	100	92		96	89		70-130	8		30
1,1,1-Trichloroethane	ND	111	110	96		110	102		70-130	3		30
Bromodichloromethane	ND	111	100	93		100	94		70-130	3		30
trans-1,3-Dichloropropene	ND	111	98	88		92	86		70-130	6		30
cis-1,3-Dichloropropene	ND	111	110	100		110	102		70-130	3		30
Bromoform	ND	111	87	78		77	72		70-130	12		30
1,1,2,2-Tetrachloroethane	ND	111	82	73		70	**65**	Q	70-130	15		30
Benzene	1.4	111	110	97		110	102		70-130	2		30
Toluene	ND	111	92	82		93	87		70-130	1		30
Ethylbenzene	1.0	111	91	82		93	87		70-130	3		30
Chloromethane	ND	111	130	115		110	102		52-130	16		30
Bromomethane	ND	111	61	**55**	Q	63	59		57-147	4		30
Vinyl chloride	ND	111	120	106		110	100		67-130	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1918379

Report Date: 06/13/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 QC Batch ID: WG1234494-6 WG1234494-7 QC Sample: L1918379-05 Client ID: DOC3A-09-190502-1030												
Chloroethane	ND	111	86	78		84	78		50-151	3		30
1,1-Dichloroethene	ND	111	120	108		120	114		65-135	2		30
trans-1,2-Dichloroethene	ND	111	110	100		110	106		70-130	3		30
Trichloroethene	ND	111	110	94		110	102		70-130	4		30
1,2-Dichlorobenzene	ND	111	81	73		79	73		70-130	3		30
1,3-Dichlorobenzene	ND	111	80	72		81	75		70-130	1		30
1,4-Dichlorobenzene	ND	111	78	70		79	74		70-130	1		30
Methyl tert butyl ether	ND	111	110	96		96	89		66-130	11		30
p/m-Xylene	1.8J	223	180	82		190	87		70-130	3		30
o-Xylene	0.47J	223	180	81		180	83		70-130	1		30
cis-1,2-Dichloroethene	ND	111	110	95		110	99		70-130	0		30
Styrene	ND	223	180	79		180	82		70-130	1		30
Dichlorodifluoromethane	ND	111	130	115		85	79		30-146	**40**	Q	30
Acetone	11	111	120	99		95	78		54-140	25		30
Carbon disulfide	ND	111	120	107		120	111		59-130	0		30
2-Butanone	ND	111	110	96		84	79		70-130	24		30
4-Methyl-2-pentanone	ND	111	98	88		79	74		70-130	21		30
2-Hexanone	ND	111	84	76		68	**63**	Q	70-130	22		30
Bromochloromethane	ND	111	110	95		100	93		70-130	6		30
1,2-Dibromoethane	ND	111	93	84		82	77		70-130	12		30
1,2-Dibromo-3-chloropropane	ND	111	83	74		69	**64**	Q	68-130	18		30
Isopropylbenzene	0.15J	111	86	77		88	82		70-130	2		30
Naphthalene	240	111	320	73		390E	**141**	Q	70-130	20		30

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1918379

Report Date: 06/13/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 QC Batch ID: WG1234494-6 WG1234494-7 QC Sample: L1918379-05 Client ID: DOC3A-09-190502-1030												
1,2,3-Trichlorobenzene	ND	111	75	**67**	Q	76	71		70-130	2		30
1,2,4-Trichlorobenzene	ND	111	74	**66**	Q	80	74		70-130	8		30
Methyl Acetate	ND	111	130	115		94	88		51-146	30		30
Cyclohexane	ND	111	130	119		140	126		59-142	1		30
1,4-Dioxane	ND	5570	4300	78		4500	85		65-136	5		30
Freon-113	ND	111	120	108		130	116		50-139	4		30
Methyl cyclohexane	ND	111	120	103		120	114		70-130	6		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		99		70-130
4-Bromofluorobenzene	99		97		70-130
Dibromofluoromethane	101		103		70-130
Toluene-d8	93		94		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-02
Client ID: 1234-190502-0002
Sample Location: ROME, NY

Date Collected: 05/02/19 00:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 10:22
Analyst: IM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2500		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	3900		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	7700		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	1100		ug/kg	120	23.	1
Benzo(a)pyrene	110	J	ug/kg	160	50.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-02 Date Collected: 05/02/19 00:00

Client ID: 1234-190502-0002 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	560		ug/kg	120	35.	1
Benzo(k)fluoranthene	210		ug/kg	120	33.	1
Chrysene	760		ug/kg	120	22.	1
Acenaphthylene	230		ug/kg	160	32.	1
Anthracene	870		ug/kg	120	40.	1
Benzo(ghi)perylene	110	J	ug/kg	160	24.	1
Fluorene	3000		ug/kg	210	20.	1
Phenanthrene	6600		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	160	29.	1
Pyrene	2600		ug/kg	120	20.	1
Biphenyl	600		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	2400		ug/kg	210	20.	1
2-Methylnaphthalene	2700		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	1000		ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-02
Client ID: 1234-190502-0002
Sample Location: ROME, NY
Date Collected: 05/02/19 00:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	111		10-136
4-Terphenyl-d14	83		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-03
Client ID: DOC3A-07-190502-0830
Sample Location: ROME, NY

Date Collected: 05/02/19 08:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 13:30
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	420		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	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	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	3300		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1800		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	1400		ug/kg	120	22.	1
Benzo(a)pyrene	1000		ug/kg	160	47.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-03 Date Collected: 05/02/19 08:30

Client ID: DOC3A-07-190502-0830 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1800		ug/kg	120	33.	1
Benzo(k)fluoranthene	600		ug/kg	120	31.	1
Chrysene	1400		ug/kg	120	20.	1
Acenaphthylene	310		ug/kg	160	30.	1
Anthracene	2600		ug/kg	120	38.	1
Benzo(ghi)perylene	520		ug/kg	160	23.	1
Fluorene	1200		ug/kg	190	19.	1
Phenanthrene	2900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	140		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	600		ug/kg	160	27.	1
Pyrene	2600		ug/kg	120	19.	1
Biphenyl	110	J	ug/kg	440	45.	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	80.	1
Dibenzofuran	760		ug/kg	190	18.	1
2-Methylnaphthalene	570		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	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	1300		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-03 Date Collected: 05/02/19 08:30

Client ID: DOC3A-07-190502-0830 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	76		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-04 D
Client ID: DOC3A-08-190502-0930
Sample Location: ROME, NY

Date Collected: 05/02/19 09:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 15:08
Analyst: EK
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7100		ug/kg	820	100	5
Hexachlorobenzene	ND		ug/kg	610	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	920	140	5
2-Chloronaphthalene	ND		ug/kg	1000	100	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	270	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	180	5
Fluoranthene	9700		ug/kg	610	120	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	160	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	2900	920	5
Hexachloroethane	ND		ug/kg	820	160	5
Isophorone	ND		ug/kg	920	130	5
Naphthalene	22000		ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	920	150	5
NDPA/DPA	ND		ug/kg	820	120	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	160	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1000	350	5
Butyl benzyl phthalate	ND		ug/kg	1000	260	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	350	5
Diethyl phthalate	ND		ug/kg	1000	94.	5
Dimethyl phthalate	ND		ug/kg	1000	210	5
Benzo(a)anthracene	2900		ug/kg	610	110	5
Benzo(a)pyrene	1100		ug/kg	820	250	5

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-04 D
Client ID: DOC3A-08-190502-0930
Sample Location: ROME, NY

Date Collected: 05/02/19 09:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1600		ug/kg	610	170	5
Benzo(k)fluoranthene	630		ug/kg	610	160	5
Chrysene	2000		ug/kg	610	110	5
Acenaphthylene	690	J	ug/kg	820	160	5
Anthracene	2500		ug/kg	610	200	5
Benzo(ghi)perylene	290	J	ug/kg	820	120	5
Fluorene	7700		ug/kg	1000	99.	5
Phenanthrene	16000		ug/kg	610	120	5
Dibenzo(a,h)anthracene	ND		ug/kg	610	120	5
Indeno(1,2,3-cd)pyrene	410	J	ug/kg	820	140	5
Pyrene	6500		ug/kg	610	100	5
Biphenyl	1900	J	ug/kg	2300	240	5
4-Chloroaniline	ND		ug/kg	1000	180	5
2-Nitroaniline	ND		ug/kg	1000	200	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	420	5
Dibenzofuran	6400		ug/kg	1000	96.	5
2-Methylnaphthalene	8500		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	110	5
Acetophenone	ND		ug/kg	1000	130	5
2,4,6-Trichlorophenol	ND		ug/kg	610	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	920	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	340	5
2-Nitrophenol	ND		ug/kg	2200	380	5
4-Nitrophenol	ND		ug/kg	1400	420	5
2,4-Dinitrophenol	ND		ug/kg	4900	480	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	490	5
Pentachlorophenol	ND		ug/kg	820	220	5
Phenol	ND		ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	160	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1500	160	5
2,4,5-Trichlorophenol	ND		ug/kg	1000	200	5
Carbazole	1800		ug/kg	1000	99.	5
Atrazine	ND		ug/kg	820	360	5
Benzaldehyde	ND		ug/kg	1300	280	5

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-04 D
Client ID: DOC3A-08-190502-0930
Sample Location: ROME, NY

Date Collected: 05/02/19 09:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1000	310	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1000	210	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	78		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-05
Client ID: DOC3A-09-190502-1030
Sample Location: ROME, NY

Date Collected: 05/02/19 10:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 13:25
Analyst: EK
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	100	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	230		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	30.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-05 Date Collected: 05/02/19 10:30

Client ID: DOC3A-09-190502-1030 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	78	J	ug/kg	210	20.	1
Phenanthrene	200		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	65	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	84	J	ug/kg	210	20.	1
2-Methylnaphthalene	26	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	81	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-05 Date Collected: 05/02/19 10:30

Client ID: DOC3A-09-190502-1030 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	112		10-136
4-Terphenyl-d14	90		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-06 D2
Client ID: DOC3A-10-190502-1130
Sample Location: ROME, NY

Date Collected: 05/02/19 11:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 18:49
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1000000		ug/kg	51000	6200	250
Phenanthrene	610000		ug/kg	31000	6200	250

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-06 D
Client ID: DOC3A-10-190502-1130
Sample Location: ROME, NY

Date Collected: 05/02/19 11:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 18:00
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220000		ug/kg	8200	1100	50
Hexachlorobenzene	ND		ug/kg	6200	1100	50
Bis(2-chloroethyl)ether	ND		ug/kg	9200	1400	50
2-Chloronaphthalene	ND		ug/kg	10000	1000	50
3,3'-Dichlorobenzidine	ND		ug/kg	10000	2700	50
2,4-Dinitrotoluene	ND		ug/kg	10000	2000	50
2,6-Dinitrotoluene	ND		ug/kg	10000	1800	50
Fluoranthene	360000		ug/kg	6200	1200	50
4-Chlorophenyl phenyl ether	ND		ug/kg	10000	1100	50
4-Bromophenyl phenyl ether	ND		ug/kg	10000	1600	50
Bis(2-chloroisopropyl)ether	ND		ug/kg	12000	1800	50
Bis(2-chloroethoxy)methane	ND		ug/kg	11000	1000	50
Hexachlorobutadiene	ND		ug/kg	10000	1500	50
Hexachlorocyclopentadiene	ND		ug/kg	29000	9300	50
Hexachloroethane	ND		ug/kg	8200	1600	50
Isophorone	ND		ug/kg	9200	1300	50
Naphthalene	890000	E	ug/kg	10000	1200	50
Nitrobenzene	ND		ug/kg	9200	1500	50
NDPA/DPA	ND		ug/kg	8200	1200	50
n-Nitrosodi-n-propylamine	ND		ug/kg	10000	1600	50
Bis(2-ethylhexyl)phthalate	ND		ug/kg	10000	3500	50
Butyl benzyl phthalate	ND		ug/kg	10000	2600	50
Di-n-butylphthalate	ND		ug/kg	10000	1900	50
Di-n-octylphthalate	ND		ug/kg	10000	3500	50
Diethyl phthalate	ND		ug/kg	10000	950	50
Dimethyl phthalate	ND		ug/kg	10000	2200	50
Benzo(a)anthracene	99000		ug/kg	6200	1200	50
Benzo(a)pyrene	39000		ug/kg	8200	2500	50

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-06 D Date Collected: 05/02/19 11:30

Client ID: DOC3A-10-190502-1130 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	56000		ug/kg	6200	1700	50
Benzo(k)fluoranthene	20000		ug/kg	6200	1600	50
Chrysene	72000		ug/kg	6200	1100	50
Acenaphthylene	35000		ug/kg	8200	1600	50
Anthracene	94000		ug/kg	6200	2000	50
Benzo(ghi)perylene	11000		ug/kg	8200	1200	50
Fluorene	240000		ug/kg	10000	1000	50
Phenanthrene	620000	E	ug/kg	6200	1200	50
Dibenzo(a,h)anthracene	4100	J	ug/kg	6200	1200	50
Indeno(1,2,3-cd)pyrene	14000		ug/kg	8200	1400	50
Pyrene	260000		ug/kg	6200	1000	50
Biphenyl	71000		ug/kg	23000	2400	50
4-Chloroaniline	ND		ug/kg	10000	1900	50
2-Nitroaniline	ND		ug/kg	10000	2000	50
3-Nitroaniline	ND		ug/kg	10000	1900	50
4-Nitroaniline	ND		ug/kg	10000	4200	50
Dibenzofuran	200000		ug/kg	10000	970	50
2-Methylnaphthalene	350000		ug/kg	12000	1200	50
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	10000	1100	50
Acetophenone	ND		ug/kg	10000	1300	50
2,4,6-Trichlorophenol	ND		ug/kg	6200	1900	50
p-Chloro-m-cresol	ND		ug/kg	10000	1500	50
2-Chlorophenol	ND		ug/kg	10000	1200	50
2,4-Dichlorophenol	ND		ug/kg	9200	1600	50
2,4-Dimethylphenol	ND		ug/kg	10000	3400	50
2-Nitrophenol	ND		ug/kg	22000	3800	50
4-Nitrophenol	ND		ug/kg	14000	4200	50
2,4-Dinitrophenol	ND		ug/kg	49000	4800	50
4,6-Dinitro-o-cresol	ND		ug/kg	27000	4900	50
Pentachlorophenol	ND		ug/kg	8200	2200	50
Phenol	ND		ug/kg	10000	1500	50
2-Methylphenol	ND		ug/kg	10000	1600	50
3-Methylphenol/4-Methylphenol	ND		ug/kg	15000	1600	50
2,4,5-Trichlorophenol	ND		ug/kg	10000	2000	50
Carbazole	61000		ug/kg	10000	1000	50
Atrazine	ND		ug/kg	8200	3600	50
Benzaldehyde	ND		ug/kg	14000	2800	50

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-06 D
Client ID: DOC3A-10-190502-1130
Sample Location: ROME, NY

Date Collected: 05/02/19 11:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	10000	3100	50
2,3,4,6-Tetrachlorophenol	ND		ug/kg	10000	2100	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-07
Client ID: DOC3A-11-190502-1210
Sample Location: ROME, NY

Date Collected: 05/02/19 12:10
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 11:17
Analyst: IM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	740		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	980		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	4200		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	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	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	250		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-07 Date Collected: 05/02/19 12:10

Client ID: DOC3A-11-190502-1210 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	140		ug/kg	120	34.	1
Benzo(k)fluoranthene	51	J	ug/kg	120	32.	1
Chrysene	170		ug/kg	120	21.	1
Acenaphthylene	84	J	ug/kg	160	31.	1
Anthracene	410		ug/kg	120	40.	1
Benzo(ghi)perylene	26	J	ug/kg	160	24.	1
Fluorene	1500		ug/kg	200	20.	1
Phenanthrene	2400		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	35	J	ug/kg	160	28.	1
Pyrene	570		ug/kg	120	20.	1
Biphenyl	200	J	ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	770		ug/kg	200	19.	1
2-Methylnaphthalene	720		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	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	3700		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-07 Date Collected: 05/02/19 12:10

Client ID: DOC3A-11-190502-1210 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	121		10-136
4-Terphenyl-d14	83		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-08
Client ID: DOC3A-12-190502-1330
Sample Location: ROME, NY

Date Collected: 05/02/19 13:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 11:44
Analyst: IM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	43	J	ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	93	J	ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	240		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	110	J	ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	27	J	ug/kg	130	24.	1
Benzo(a)pyrene	430		ug/kg	170	52.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-08 Date Collected: 05/02/19 13:30

Client ID: DOC3A-12-190502-1330 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	26	J	ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	51	J	ug/kg	210	21.	1
Phenanthrene	150		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	54	J	ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	69	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	ND		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-08 Date Collected: 05/02/19 13:30

Client ID: DOC3A-12-190502-1330 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	75		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-09
Client ID: DOC3A-13-190502-1410
Sample Location: ROME, NY

Date Collected: 05/02/19 14:10
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 12:10
Analyst: IM
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1600		ug/kg	180	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	310		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	3300		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	65	J	ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-09 Date Collected: 05/02/19 14:10

Client ID: DOC3A-13-190502-1410 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	74	J	ug/kg	140	38.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	69	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	87	J	ug/kg	140	45.	1
Benzo(ghi)perylene	30	J	ug/kg	180	27.	1
Fluorene	760		ug/kg	230	22.	1
Phenanthrene	610		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	180	32.	1
Pyrene	230		ug/kg	140	23.	1
Biphenyl	290	J	ug/kg	520	53.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	1300		ug/kg	230	22.	1
2-Methylnaphthalene	110	J	ug/kg	270	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	490	86.	1
4-Nitrophenol	ND		ug/kg	320	93.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Carbazole	450		ug/kg	230	22.	1
Atrazine	ND		ug/kg	180	80.	1
Benzaldehyde	ND		ug/kg	300	62.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-09 Date Collected: 05/02/19 14:10

Client ID: DOC3A-13-190502-1410 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	230	70.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	46.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	63		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-10
Client ID: DOC3A-14-190502-1500
Sample Location: ROME, NY

Date Collected: 05/02/19 15:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 12:37
Analyst: IM
Percent Solids: 53%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	8000		ug/kg	250	32.	1
Hexachlorobenzene	ND		ug/kg	190	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	280	42.	1
2-Chloronaphthalene	ND		ug/kg	310	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	310	83.	1
2,4-Dinitrotoluene	ND		ug/kg	310	63.	1
2,6-Dinitrotoluene	ND		ug/kg	310	54.	1
Fluoranthene	ND		ug/kg	190	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	310	34.	1
4-Bromophenyl phenyl ether	ND		ug/kg	310	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	380	54.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	340	31.	1
Hexachlorobutadiene	ND		ug/kg	310	46.	1
Hexachlorocyclopentadiene	ND		ug/kg	900	280	1
Hexachloroethane	ND		ug/kg	250	51.	1
Isophorone	ND		ug/kg	280	41.	1
Naphthalene	12000		ug/kg	310	38.	1
Nitrobenzene	ND		ug/kg	280	46.	1
NDPA/DPA	ND		ug/kg	250	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	310	48.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	310	110	1
Butyl benzyl phthalate	ND		ug/kg	310	79.	1
Di-n-butylphthalate	ND		ug/kg	310	59.	1
Di-n-octylphthalate	ND		ug/kg	310	110	1
Diethyl phthalate	ND		ug/kg	310	29.	1
Dimethyl phthalate	ND		ug/kg	310	66.	1
Benzo(a)anthracene	ND		ug/kg	190	35.	1
Benzo(a)pyrene	ND		ug/kg	250	76.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-10 Date Collected: 05/02/19 15:00

Client ID: DOC3A-14-190502-1500 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	190	53.	1
Benzo(k)fluoranthene	ND		ug/kg	190	50.	1
Chrysene	ND		ug/kg	190	33.	1
Acenaphthylene	ND		ug/kg	250	48.	1
Anthracene	ND		ug/kg	190	61.	1
Benzo(ghi)perylene	ND		ug/kg	250	37.	1
Fluorene	1100		ug/kg	310	30.	1
Phenanthrene	290		ug/kg	190	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	190	36.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	250	44.	1
Pyrene	ND		ug/kg	190	31.	1
Biphenyl	1500		ug/kg	710	73.	1
4-Chloroaniline	ND		ug/kg	310	57.	1
2-Nitroaniline	ND		ug/kg	310	60.	1
3-Nitroaniline	ND		ug/kg	310	59.	1
4-Nitroaniline	ND		ug/kg	310	130	1
Dibenzofuran	3000		ug/kg	310	30.	1
2-Methylnaphthalene	1300		ug/kg	380	38.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	310	33.	1
Acetophenone	ND		ug/kg	310	39.	1
2,4,6-Trichlorophenol	ND		ug/kg	190	59.	1
p-Chloro-m-cresol	ND		ug/kg	310	47.	1
2-Chlorophenol	ND		ug/kg	310	37.	1
2,4-Dichlorophenol	ND		ug/kg	280	50.	1
2,4-Dimethylphenol	ND		ug/kg	310	100	1
2-Nitrophenol	ND		ug/kg	680	120	1
4-Nitrophenol	ND		ug/kg	440	130	1
2,4-Dinitrophenol	ND		ug/kg	1500	150	1
4,6-Dinitro-o-cresol	ND		ug/kg	820	150	1
Pentachlorophenol	ND		ug/kg	250	69.	1
Phenol	ND		ug/kg	310	47.	1
2-Methylphenol	ND		ug/kg	310	49.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	450	49.	1
2,4,5-Trichlorophenol	ND		ug/kg	310	60.	1
Carbazole	770		ug/kg	310	30.	1
Atrazine	ND		ug/kg	250	110	1
Benzaldehyde	ND		ug/kg	410	85.	1

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-10 Date Collected: 05/02/19 15:00

Client ID: DOC3A-14-190502-1500 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	310	95.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	310	63.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	58		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-11 D
Client ID: DOC3A-21-190502-1530
Sample Location: ROME, NY

Date Collected: 05/02/19 15:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/09/19 14:42
Analyst: EK
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 05/06/19 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3700		ug/kg	330	43.	2
Hexachlorobenzene	ND		ug/kg	250	47.	2
Bis(2-chloroethyl)ether	ND		ug/kg	380	56.	2
2-Chloronaphthalene	ND		ug/kg	420	41.	2
3,3'-Dichlorobenzidine	ND		ug/kg	420	110	2
2,4-Dinitrotoluene	ND		ug/kg	420	83.	2
2,6-Dinitrotoluene	ND		ug/kg	420	72.	2
Fluoranthene	4900		ug/kg	250	48.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	420	45.	2
4-Bromophenyl phenyl ether	ND		ug/kg	420	64.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	500	71.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	450	42.	2
Hexachlorobutadiene	ND		ug/kg	420	61.	2
Hexachlorocyclopentadiene	ND		ug/kg	1200	380	2
Hexachloroethane	ND		ug/kg	330	67.	2
Isophorone	ND		ug/kg	380	54.	2
Naphthalene	7800		ug/kg	420	51.	2
Nitrobenzene	ND		ug/kg	380	62.	2
NDPA/DPA	ND		ug/kg	330	47.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	420	64.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	420	140	2
Butyl benzyl phthalate	ND		ug/kg	420	100	2
Di-n-butylphthalate	ND		ug/kg	420	79.	2
Di-n-octylphthalate	ND		ug/kg	420	140	2
Diethyl phthalate	ND		ug/kg	420	38.	2
Dimethyl phthalate	ND		ug/kg	420	88.	2
Benzo(a)anthracene	1500		ug/kg	250	47.	2
Benzo(a)pyrene	710		ug/kg	330	100	2

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-11 D Date Collected: 05/02/19 15:30

Client ID: DOC3A-21-190502-1530 Date Received: 05/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1000		ug/kg	250	70.	2
Benzo(k)fluoranthene	250		ug/kg	250	67.	2
Chrysene	1000		ug/kg	250	43.	2
Acenaphthylene	260	J	ug/kg	330	64.	2
Anthracene	1400		ug/kg	250	81.	2
Benzo(ghi)perylene	240	J	ug/kg	330	49.	2
Fluorene	4000		ug/kg	420	40.	2
Phenanthrene	8200		ug/kg	250	51.	2
Dibenzo(a,h)anthracene	81	J	ug/kg	250	48.	2
Indeno(1,2,3-cd)pyrene	300	J	ug/kg	330	58.	2
Pyrene	3400		ug/kg	250	41.	2
Biphenyl	880	J	ug/kg	950	97.	2
4-Chloroaniline	ND		ug/kg	420	76.	2
2-Nitroaniline	ND		ug/kg	420	80.	2
3-Nitroaniline	ND		ug/kg	420	79.	2
4-Nitroaniline	ND		ug/kg	420	170	2
Dibenzofuran	3200		ug/kg	420	39.	2
2-Methylnaphthalene	3200		ug/kg	500	50.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	420	44.	2
Acetophenone	ND		ug/kg	420	52.	2
2,4,6-Trichlorophenol	ND		ug/kg	250	79.	2
p-Chloro-m-cresol	ND		ug/kg	420	62.	2
2-Chlorophenol	ND		ug/kg	420	49.	2
2,4-Dichlorophenol	ND		ug/kg	380	67.	2
2,4-Dimethylphenol	ND		ug/kg	420	140	2
2-Nitrophenol	ND		ug/kg	900	160	2
4-Nitrophenol	ND		ug/kg	580	170	2
2,4-Dinitrophenol	ND		ug/kg	2000	190	2
4,6-Dinitro-o-cresol	ND		ug/kg	1100	200	2
Pentachlorophenol	ND		ug/kg	330	92.	2
Phenol	ND		ug/kg	420	63.	2
2-Methylphenol	ND		ug/kg	420	65.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	600	65.	2
2,4,5-Trichlorophenol	ND		ug/kg	420	80.	2
Carbazole	1000		ug/kg	420	40.	2
Atrazine	ND		ug/kg	330	140	2
Benzaldehyde	ND		ug/kg	550	110	2

Project Name: LOT 3A IRM **Lab Number:** L1918379

Project Number: 127887-007 **Report Date:** 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-11 D
Client ID: DOC3A-21-190502-1530
Sample Location: ROME, NY

Date Collected: 05/02/19 15:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	420	130	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	420	84.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	81		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/08/19 10:47
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 05/06/19 19:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11 Batch: WG1234146-1					
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	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	460	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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
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	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/08/19 10:47
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 05/06/19 19:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11 Batch: WG1234146-1					
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	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/08/19 10:47
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 05/06/19 19:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11 Batch: WG1234146-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
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	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 Batch: WG1234146-2 WG1234146-3								
Acenaphthene	88		91		31-137	3		50
Hexachlorobenzene	93		90		40-140	3		50
Bis(2-chloroethyl)ether	80		82		40-140	2		50
2-Chloronaphthalene	91		90		40-140	1		50
3,3'-Dichlorobenzidine	72		74		40-140	3		50
2,4-Dinitrotoluene	105		104		40-132	1		50
2,6-Dinitrotoluene	100		97		40-140	3		50
Fluoranthene	92		90		40-140	2		50
4-Chlorophenyl phenyl ether	90		93		40-140	3		50
4-Bromophenyl phenyl ether	98		96		40-140	2		50
Bis(2-chloroisopropyl)ether	93		96		40-140	3		50
Bis(2-chloroethoxy)methane	81		81		40-117	0		50
Hexachlorobutadiene	82		87		40-140	6		50
Hexachlorocyclopentadiene	61		64		40-140	5		50
Hexachloroethane	78		81		40-140	4		50
Isophorone	90		90		40-140	0		50
Naphthalene	83		85		40-140	2		50
Nitrobenzene	89		89		40-140	0		50
NDPA/DPA	97		97		36-157	0		50
n-Nitrosodi-n-propylamine	88		93		32-121	6		50
Bis(2-ethylhexyl)phthalate	104		106		40-140	2		50
Butyl benzyl phthalate	97		97		40-140	0		50
Di-n-butylphthalate	93		92		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 Batch: WG1234146-2 WG1234146-3								
Di-n-octylphthalate	109		110		40-140	1		50
Diethyl phthalate	102		102		40-140	0		50
Dimethyl phthalate	98		95		40-140	3		50
Benzo(a)anthracene	106		106		40-140	0		50
Benzo(a)pyrene	101		101		40-140	0		50
Benzo(b)fluoranthene	100		102		40-140	2		50
Benzo(k)fluoranthene	99		101		40-140	2		50
Chrysene	97		97		40-140	0		50
Acenaphthylene	98		96		40-140	2		50
Anthracene	88		88		40-140	0		50
Benzo(ghi)perylene	90		89		40-140	1		50
Fluorene	97		97		40-140	0		50
Phenanthrene	86		86		40-140	0		50
Dibenzo(a,h)anthracene	88		88		40-140	0		50
Indeno(1,2,3-cd)pyrene	93		92		40-140	1		50
Pyrene	91		88		35-142	3		50
Biphenyl	89		90		54-104	1		50
4-Chloroaniline	90		98		40-140	9		50
2-Nitroaniline	102		101		47-134	1		50
3-Nitroaniline	82		89		26-129	8		50
4-Nitroaniline	102		101		41-125	1		50
Dibenzofuran	93		95		40-140	2		50
2-Methylnaphthalene	118		119		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 Batch: WG1234146-2 WG1234146-3								
1,2,4,5-Tetrachlorobenzene	90		94		40-117	4		50
Acetophenone	90		93		14-144	3		50
2,4,6-Trichlorophenol	99		98		30-130	1		50
p-Chloro-m-cresol	**104**	Q	100		26-103	4		50
2-Chlorophenol	82		83		25-102	1		50
2,4-Dichlorophenol	92		91		30-130	1		50
2,4-Dimethylphenol	90		92		30-130	2		50
2-Nitrophenol	84		86		30-130	2		50
4-Nitrophenol	94		94		11-114	0		50
2,4-Dinitrophenol	78		76		4-130	3		50
4,6-Dinitro-o-cresol	111		105		10-130	6		50
Pentachlorophenol	96		94		17-109	2		50
Phenol	90		90		26-90	0		50
2-Methylphenol	88		89		30-130.	1		50
3-Methylphenol/4-Methylphenol	86		87		30-130	1		50
2,4,5-Trichlorophenol	103		106		30-130	3		50
Carbazole	93		90		54-128	3		50
Atrazine	114		111		40-140	3		50
Benzaldehyde	84		86		40-140	2		50
Caprolactam	128		111		15-130	14		50
2,3,4,6-Tetrachlorophenol	102		98		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 Batch: WG1234146-2 WG1234146-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		74		25-120
Phenol-d6	74		75		10-120
Nitrobenzene-d5	83		83		23-120
2-Fluorobiphenyl	79		80		30-120
2,4,6-Tribromophenol	88		86		10-136
4-Terphenyl-d14	78		75		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG1234146-4 WG1234146-5 QC Sample: L1918379-05 Client ID: DOC3A-09-190502-1030												
Acenaphthene	57J	1620	1400	87		1400	85		31-137	0		50
Hexachlorobenzene	ND	1620	1300	80		1400	85		40-140	7		50
Bis(2-chloroethyl)ether	ND	1620	1300	80		1300	79		40-140	0		50
2-Chloronaphthalene	ND	1620	1300	80		1300	79		40-140	0		50
3,3'-Dichlorobenzidine	ND	1620	1600	99		1600	97		40-140	0		50
2,4-Dinitrotoluene	ND	1620	1400	87		1500	91		40-132	7		50
2,6-Dinitrotoluene	ND	1620	1500	93		1600	97		40-140	6		50
Fluoranthene	100J	1620	1400	87		1600	97		40-140	13		50
4-Chlorophenyl phenyl ether	ND	1620	1300	80		1300	79		40-140	0		50
4-Bromophenyl phenyl ether	ND	1620	1400	87		1400	85		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1620	1200	74		1200	73		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1620	1300	80		1400	85		40-117	7		50
Hexachlorobutadiene	ND	1620	1300	80		1200	73		40-140	8		50
Hexachlorocyclopentadiene	ND	1620	1000	62		1000	61		40-140	0		50
Hexachloroethane	ND	1620	1200	74		1200	73		40-140	0		50
Isophorone	ND	1620	1400	87		1400	85		40-140	0		50
Naphthalene	230	1620	1500	78		1500	77		40-140	0		50
Nitrobenzene	ND	1620	1400	87		1400	85		40-140	0		50
NDPA/DPA	ND	1620	1300	80		1400	85		36-157	7		50
n-Nitrosodi-n-propylamine	ND	1620	1400	87		1400	85		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1620	1500	93		1700	100		40-140	13		50
Butyl benzyl phthalate	ND	1620	1500	93		1700	100		40-140	13		50
Di-n-butylphthalate	ND	1620	1500	93		1600	97		40-140	6		50

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG1234146-4 WG1234146-5 QC Sample: L1918379-05 Client ID: DOC3A-09-190502-1030												
Di-n-octylphthalate	ND	1620	1600	99		1700	100		40-140	6		50
Diethyl phthalate	ND	1620	1300	80		1400	85		40-140	7		50
Dimethyl phthalate	ND	1620	1300	80		1400	85		40-140	7		50
Benzo(a)anthracene	ND	1620	1500	93		1600	97		40-140	6		50
Benzo(a)pyrene	ND	1620	1400	87		1500	91		40-140	7		50
Benzo(b)fluoranthene	ND	1620	1400	87		1500	91		40-140	7		50
Benzo(k)fluoranthene	ND	1620	1500	93		1600	97		40-140	6		50
Chrysene	ND	1620	1400	87		1500	91		40-140	7		50
Acenaphthylene	ND	1620	1400	87		1400	85		40-140	0		50
Anthracene	ND	1620	1400	87		1400	85		40-140	0		50
Benzo(ghi)perylene	ND	1620	1300	80		1400	85		40-140	7		50
Fluorene	78J	1620	1400	87		1400	85		40-140	0		50
Phenanthrene	200	1620	1400	74		1500	79		40-140	7		50
Dibenzo(a,h)anthracene	ND	1620	1400	87		1400	85		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1620	1500	93		1500	91		40-140	0		50
Pyrene	65J	1620	1400	87		1500	91		35-142	7		50
Biphenyl	ND	1620	1400	87		1400	85		54-104	0		50
4-Chloroaniline	ND	1620	1100	68		1200	73		40-140	9		50
2-Nitroaniline	ND	1620	1400	87		1600	97		47-134	13		50
3-Nitroaniline	ND	1620	1300	80		1400	85		26-129	7		50
4-Nitroaniline	ND	1620	1300	80		1400	85		41-125	7		50
Dibenzofuran	84J	1620	1400	87		1400	85		40-140	0		50
2-Methylnaphthalene	26J	1620	1400	87		1400	85		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1918379

Report Date: 06/13/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG1234146-4 WG1234146-5 QC Sample: L1918379-05 Client ID: DOC3A-09-190502-1030												
1,2,4,5-Tetrachlorobenzene	ND	1620	1400	87		1400	85		40-117	0		50
Acetophenone	ND	1620	1400	87		1500	91		14-144	7		50
2,4,6-Trichlorophenol	ND	1620	1500	93		1600	97		30-130	6		50
p-Chloro-m-cresol	ND	1620	1500	93		1500	91		26-103	0		50
2-Chlorophenol	ND	1620	1400	87		1400	85		25-102	0		50
2,4-Dichlorophenol	ND	1620	1400	87		1600	97		30-130	13		50
2,4-Dimethylphenol	ND	1620	1400	87		1400	85		30-130	0		50
2-Nitrophenol	ND	1620	1600	99		1700	100		30-130	6		50
4-Nitrophenol	ND	1620	1600	99		1600	97		11-114	0		50
2,4-Dinitrophenol	ND	1620	670J	41		760J	46		4-130	13		50
4,6-Dinitro-o-cresol	ND	1620	1000	62		1100	67		10-130	10		50
Pentachlorophenol	ND	1620	1500	93		1600	97		17-109	6		50
Phenol	ND	1620	1300	80		1400	85		26-90	7		50
2-Methylphenol	ND	1620	1400	87		1400	85		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1620	1400	87		1500	91		30-130	7		50
2,4,5-Trichlorophenol	ND	1620	1500	93		1600	97		30-130	6		50
Carbazole	81J	1620	1400	87		1500	91		54-128	7		50
Atrazine	ND	1620	1700	110		1800	110		40-140	6		50
Benzaldehyde	ND	1620	1300	80		1300	79		40-140	0		50
Caprolactam	ND	1620	1400	87		1400	85		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1620	1400	87		1500	91		40-140	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1918379

Report Date: 06/13/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG1234146-4 WG1234146-5 QC Sample: L1918379-05 Client ID: DOC3A-09-190502-1030												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	103		107		10-136
2-Fluorobiphenyl	89		88		30-120
2-Fluorophenol	90		89		25-120
4-Terphenyl-d14	88		93		18-120
Nitrobenzene-d5	93		96		23-120
Phenol-d6	86		89		10-120

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-02
Client ID: 1234-190502-0002
Sample Location: ROME, NY

Date Collected: 05/02/19 00:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-03
Client ID: DOC3A-07-190502-0830
Sample Location: ROME, NY

Date Collected: 05/02/19 08:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
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	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-04
Client ID: DOC3A-08-190502-0930
Sample Location: ROME, NY

Date Collected: 05/02/19 09:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-05
Client ID: DOC3A-09-190502-1030
Sample Location: ROME, NY

Date Collected: 05/02/19 10:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-06
Client ID: DOC3A-10-190502-1130
Sample Location: ROME, NY

Date Collected: 05/02/19 11:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
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	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-07
Client ID: DOC3A-11-190502-1210
Sample Location: ROME, NY

Date Collected: 05/02/19 12:10
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-08
Client ID: DOC3A-12-190502-1330
Sample Location: ROME, NY

Date Collected: 05/02/19 13:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-09
Client ID: DOC3A-13-190502-1410
Sample Location: ROME, NY

Date Collected: 05/02/19 14:10
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.9		%	0.100	NA	1	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-10
Client ID: DOC3A-14-190502-1500
Sample Location: ROME, NY

Date Collected: 05/02/19 15:00
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	52.5		%	0.100	NA	1	-	05/03/19 11:03	121,2540G	RI

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

SAMPLE RESULTS

Lab ID: L1918379-11
Client ID: DOC3A-21-190502-1530
Sample Location: ROME, NY

Date Collected: 05/02/19 15:30
Date Received: 05/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	05/03/19 11:03	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1918379

Report Date: 06/13/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG1233286-1 QC Sample: L1918379-05 Client ID: DOC3A-09-190502-1030						
Solids, Total	80.0	79.9	%	0		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1918379-01A	Vial MeOH preserved	A	NA		3.2	Y	Absent		ARCHIVE()
L1918379-01B	Vial unpreserved	A	NA		3.2	Y	Absent		NYTCL-8260(7)
L1918379-02A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-02B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-02C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-02D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-02E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-03A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-03B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-03C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-03D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-03E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-04A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-04B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-04C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-04D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-04E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-05A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-05A1	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-05A2	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-05B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-05B1	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-05B2	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1918379-05C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-05C1	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-05C2	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-05D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-05D1	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-05D2	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-05E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-05E1	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-05E2	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-06A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-06B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-06C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-06D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-06E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-07A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-07B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-07C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-07D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-07E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-08A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-08B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-08C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-08D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-08E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-09A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-09B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-09C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-09D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1918379
Report Date: 06/13/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1918379-09E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-10A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-10B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-10C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-10D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-10E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)
L1918379-11A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1918379-11B	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-11C	Vial water preserved	A	NA		3.2	Y	Absent	03-MAY-19 07:40	NYTCL-8260HLW(14)
L1918379-11D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1918379-11E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1918379
Project Number:	127887-007	**Report Date:**	06/13/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1918379
Project Number:	127887-007	**Report Date:**	06/13/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1918379
Project Number: 127887-007 **Report Date:** 06/13/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

ALPHA ANALYTICAL

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 2

Date Rec'd in Lab: 5/3/19

ALPHA Job #: L918379

Project Information
Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information
H&A Client: H+A of NY
H&A Address: 200 Town Ctr Dr
Rochester, NY
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: [illegible]@haleyaldrich.com

Deliverables
☒ Email ☐ Fax
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)
Note: Select State from menu & identify criteria.

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC							Sample Specific Comments	Total Bottles
1887901	1234-190502-0001	5/2	—	W	lab	X								TB	2
-02	1234-190502-0002	5/2	—	SO	DBK	X	X							FD	5
-03	DOC3A-07-190502-0830	5/2	08:30	SO	↓	X	X								5
-04	DOC3A-08-190502-0930	5/2	09:30	SO	↓	X	X								5
-05	DOC3A-09-190502-1030	5/2	10:30	SO	↓	X	X							N/MS/MSD	15
-06	DOC3A-10-190502-1130	5/2	11:30	SO	↓	X	X								5
-07	DOC3A-11-190502-1210	5/2	12:10	SO	↓	X	X								5
-08	DOC3A-12-190502-1330	5/2	13:30	SO	↓	X	X								5
-09	DOC3A-13-190502-1410	5/2	14:10	SO	↓	X	X								5
-10	DOC3A-14-190502-1500	5/2	15:00	SO	↓	X	X								5
					Container Type	V/P	A								
					Preservative	F/A	A								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
DBKelly	5/2/19 18:25	[illegible]	5/2/19 1825
[illegible]	5/2/19 2015	[illegible]	5/3/19 0235

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 1 (1/28/2016)

ALPHA ANALYTICAL

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 2 of 2

Date Rec'd in Lab: 5/3/19

ALPHA Job #: L1916379

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information

H&A Client: HtA of NY
H&A Address: 200 Town Ctr Dr Rochester, NY
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Deliverables

☒ Email ☐ Fax
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC							Sample Specific Comments	Total Bottles
18779-11	DOC3A-21-190502-1530	5/2	15:30	SO	DBK	X	X								5

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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									

Relinquished By:	Date/Time	Received By:	Date/Time
DB Keller	5/2/19 18:25	[illegible]	5/2/19 1825
[illegible]	5/2/19 2015	[illegible]	5/3/19 0205

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 1 (1/28/2016)

ANALYTICAL REPORT

Lab Number:	L1920729
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	05/24/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1920729-01	DOC3A-111-190516-1730	SOIL	ROME, NY	05/16/19 17:30	05/16/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1920729
Project Number:	127887-007	**Report Date:**	05/24/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: LOT 3A IRM **Lab Number:** L1920729
Project Number: 127887-007 **Report Date:** 05/24/19

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 analyses performed were specified by the client.

Volatile Organics
L1920729-01 (DOC3A-111-190516-1730): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.
The WG1240335-3/-4 LCS/LCSD recoveries, associated with L1920729-01 (DOC3A-111-190516-1730), are above the individual acceptance criteria for vinyl chloride (133%/133%) and chloroethane (LCSD at 152%), but within the overall method allowances. The results of the associated sample are reported.

Semivolatile Organics
L1920729-01 (DOC3A-111-190516-1730): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.
L1920729-01 (DOC3A-111-190516-1730): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.
L1920729-01 (DOC3A-111-190516-1730): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.
The WG1239455-2/-3 LCS/LCSD recoveries, associated with L1920729-01 (DOC3A-111-190516-1730), are below the acceptance criteria for hexachlorocyclopentadiene (7%/7%); however, it has been identified as a

Project Name:	LOT 3A IRM	**Lab Number:**	L1920729
Project Number:	127887-007	**Report Date:**	05/24/19

Case Narrative (continued)

"difficult" analyte. The results of the associated sample 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: Michelle M. Morris

Title: Technical Director/Representative

Date: 05/24/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1920729

Project Number: 127887-007 **Report Date:** 05/24/19

SAMPLE RESULTS

Lab ID: L1920729-01 D
Client ID: DOC3A-111-190516-1730
Sample Location: ROME, NY

Date Collected: 05/16/19 17:30
Date Received: 05/16/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/23/19 00:42
Analyst: NLK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1500	680	5
1,1-Dichloroethane	ND		ug/kg	300	43.	5
Chloroform	ND		ug/kg	450	42.	5
Carbon tetrachloride	ND		ug/kg	300	69.	5
1,2-Dichloropropane	ND		ug/kg	300	37.	5
Dibromochloromethane	ND		ug/kg	300	42.	5
1,1,2-Trichloroethane	ND		ug/kg	300	80.	5
Tetrachloroethene	ND		ug/kg	150	58.	5
Chlorobenzene	ND		ug/kg	150	38.	5
Trichlorofluoromethane	ND		ug/kg	1200	210	5
1,2-Dichloroethane	ND		ug/kg	300	77.	5
1,1,1-Trichloroethane	ND		ug/kg	150	50.	5
Bromodichloromethane	ND		ug/kg	150	32.	5
trans-1,3-Dichloropropene	ND		ug/kg	300	81.	5
cis-1,3-Dichloropropene	ND		ug/kg	150	47.	5
1,3-Dichloropropene, Total	ND		ug/kg	150	47.	5
Bromoform	ND		ug/kg	1200	73.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	50.	5
Benzene	ND		ug/kg	150	50.	5
Toluene	ND		ug/kg	300	160	5
Ethylbenzene	62	J	ug/kg	300	42.	5
Chloromethane	ND		ug/kg	1200	280	5
Bromomethane	ND		ug/kg	600	170	5
Vinyl chloride	ND		ug/kg	300	100	5
Chloroethane	ND		ug/kg	600	130	5
1,1-Dichloroethene	ND		ug/kg	300	71.	5
trans-1,2-Dichloroethene	ND		ug/kg	450	41.	5
Trichloroethene	ND		ug/kg	150	41.	5

Project Name: LOT 3A IRM **Lab Number:** L1920729

Project Number: 127887-007 **Report Date:** 05/24/19

SAMPLE RESULTS

Lab ID: L1920729-01 D Date Collected: 05/16/19 17:30

Client ID: DOC3A-111-190516-1730 Date Received: 05/16/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	600	43.	5
1,3-Dichlorobenzene	ND		ug/kg	600	44.	5
1,4-Dichlorobenzene	ND		ug/kg	600	51.	5
Methyl tert butyl ether	ND		ug/kg	600	60.	5
p/m-Xylene	ND		ug/kg	600	170	5
o-Xylene	ND		ug/kg	300	87.	5
Xylenes, Total	ND		ug/kg	300	87.	5
cis-1,2-Dichloroethene	ND		ug/kg	300	52.	5
1,2-Dichloroethene, Total	ND		ug/kg	300	41.	5
Styrene	ND		ug/kg	300	58.	5
Dichlorodifluoromethane	ND		ug/kg	3000	270	5
Acetone	ND		ug/kg	3000	1400	5
Carbon disulfide	ND		ug/kg	3000	1400	5
2-Butanone	ND		ug/kg	3000	660	5
4-Methyl-2-pentanone	ND		ug/kg	3000	380	5
2-Hexanone	ND		ug/kg	3000	350	5
Bromochloromethane	ND		ug/kg	600	61.	5
1,2-Dibromoethane	ND		ug/kg	300	83.	5
n-Butylbenzene	ND		ug/kg	300	50.	5
sec-Butylbenzene	ND		ug/kg	300	44.	5
tert-Butylbenzene	ND		ug/kg	600	35.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	900	300	5
Isopropylbenzene	ND		ug/kg	300	32.	5
p-Isopropyltoluene	50	J	ug/kg	300	32.	5
Naphthalene	66000		ug/kg	1200	190	5
n-Propylbenzene	ND		ug/kg	300	51.	5
1,2,3-Trichlorobenzene	ND		ug/kg	600	96.	5
1,2,4-Trichlorobenzene	ND		ug/kg	600	81.	5
1,3,5-Trimethylbenzene	150	J	ug/kg	600	58.	5
1,2,4-Trimethylbenzene	330	J	ug/kg	600	100	5
Methyl Acetate	ND		ug/kg	1200	280	5
Cyclohexane	ND		ug/kg	3000	160	5
1,4-Dioxane	ND		ug/kg	24000	10000	5
Freon-113	ND		ug/kg	1200	210	5
Methyl cyclohexane	ND		ug/kg	1200	180	5

Project Name: LOT 3A IRM **Lab Number:** L1920729

Project Number: 127887-007 **Report Date:** 05/24/19

SAMPLE RESULTS

Lab ID: L1920729-01 D
Client ID: DOC3A-111-190516-1730
Sample Location: ROME, NY

Date Collected: 05/16/19 17:30
Date Received: 05/16/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/22/19 19:57
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1240335-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/22/19 19:57
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1240335-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	12	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/22/19 19:57
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1240335-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	85		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1240335-3 WG1240335-4								
Methylene chloride	81		83		70-130	2		30
1,1-Dichloroethane	96		98		70-130	2		30
Chloroform	99		97		70-130	2		30
Carbon tetrachloride	94		96		70-130	2		30
1,2-Dichloropropane	92		94		70-130	2		30
Dibromochloromethane	96		84		70-130	13		30
1,1,2-Trichloroethane	102		90		70-130	13		30
Tetrachloroethene	86		85		70-130	1		30
Chlorobenzene	85		88		70-130	3		30
Trichlorofluoromethane	114		112		70-139	2		30
1,2-Dichloroethane	102		103		70-130	1		30
1,1,1-Trichloroethane	96		99		70-130	3		30
Bromodichloromethane	96		97		70-130	1		30
trans-1,3-Dichloropropene	94		92		70-130	2		30
cis-1,3-Dichloropropene	106		95		70-130	11		30
Bromoform	83		82		70-130	1		30
1,1,2,2-Tetrachloroethane	89		86		70-130	3		30
Benzene	94		95		70-130	1		30
Toluene	99		90		70-130	10		30
Ethylbenzene	92		94		70-130	2		30
Chloromethane	126		114		52-130	10		30
Bromomethane	128		126		57-147	2		30
Vinyl chloride	**133**	Q	**133**	Q	67-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1240335-3 WG1240335-4								
Chloroethane	146		**152**	Q	50-151	4		30
1,1-Dichloroethene	91		91		65-135	0		30
trans-1,2-Dichloroethene	87		90		70-130	3		30
Trichloroethene	92		94		70-130	2		30
1,2-Dichlorobenzene	82		94		70-130	14		30
1,3-Dichlorobenzene	84		83		70-130	1		30
1,4-Dichlorobenzene	83		86		70-130	4		30
Methyl tert butyl ether	88		88		66-130	0		30
p/m-Xylene	92		95		70-130	3		30
o-Xylene	91		95		70-130	4		30
cis-1,2-Dichloroethene	89		92		70-130	3		30
Styrene	95		98		70-130	3		30
Dichlorodifluoromethane	107		95		30-146	12		30
Acetone	112		110		54-140	2		30
Carbon disulfide	91		93		59-130	2		30
2-Butanone	97		92		70-130	5		30
4-Methyl-2-pentanone	75		74		70-130	1		30
2-Hexanone	88		85		70-130	3		30
Bromochloromethane	89		88		70-130	1		30
1,2-Dibromoethane	87		86		70-130	1		30
n-Butylbenzene	95		106		70-130	11		30
sec-Butylbenzene	92		104		70-130	12		30
tert-Butylbenzene	86		99		70-130	14		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1240335-3 WG1240335-4								
1,2-Dibromo-3-chloropropane	78		76		68-130	3		30
Isopropylbenzene	87		90		70-130	3		30
p-Isopropyltoluene	89		86		70-130	3		30
Naphthalene	78		76		70-130	3		30
n-Propylbenzene	92		94		70-130	2		30
1,2,3-Trichlorobenzene	77		75		70-130	3		30
1,2,4-Trichlorobenzene	75		75		70-130	0		30
1,3,5-Trimethylbenzene	89		92		70-130	3		30
1,2,4-Trimethylbenzene	90		102		70-130	13		30
Methyl Acetate	94		90		51-146	4		30
Cyclohexane	93		95		59-142	2		30
1,4-Dioxane	115		111		65-136	4		30
Freon-113	93		93		50-139	0		30
Methyl cyclohexane	90		92		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		112		70-130
Toluene-d8	112		99		70-130
4-Bromofluorobenzene	104		102		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

SAMPLE RESULTS

Lab ID: L1920729-01 D2
Client ID: DOC3A-111-190516-1730
Sample Location: ROME, NY

Date Collected: 05/16/19 17:30
Date Received: 05/16/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/24/19 12:16
Analyst: SZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 05/21/19 10:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	290000		ug/kg	41000	5300	250
Fluoranthene	440000		ug/kg	30000	5800	250
Naphthalene	650000		ug/kg	51000	6200	250
Fluorene	310000		ug/kg	51000	4900	250
Phenanthrene	750000		ug/kg	30000	6200	250
Pyrene	290000		ug/kg	30000	5000	250
2-Methylnaphthalene	250000		ug/kg	61000	6100	250

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1920729
Report Date: 05/24/19

SAMPLE RESULTS

Lab ID: L1920729-01 D
Client ID: DOC3A-111-190516-1730
Sample Location: ROME, NY

Date Collected: 05/16/19 17:30
Date Received: 05/16/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/24/19 05:46
Analyst: JG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 05/21/19 10:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	240000	E	ug/kg	4100	530	25
Hexachlorobenzene	ND		ug/kg	3000	570	25
Bis(2-chloroethyl)ether	ND		ug/kg	4600	690	25
2-Chloronaphthalene	ND		ug/kg	5100	500	25
3,3'-Dichlorobenzidine	ND		ug/kg	5100	1400	25
2,4-Dinitrotoluene	ND		ug/kg	5100	1000	25
2,6-Dinitrotoluene	ND		ug/kg	5100	870	25
Fluoranthene	300000	E	ug/kg	3000	580	25
4-Chlorophenyl phenyl ether	ND		ug/kg	5100	540	25
4-Bromophenyl phenyl ether	ND		ug/kg	5100	770	25
Bis(2-chloroisopropyl)ether	ND		ug/kg	6100	870	25
Bis(2-chloroethoxy)methane	ND		ug/kg	5500	510	25
Hexachlorobutadiene	ND		ug/kg	5100	740	25
Hexachlorocyclopentadiene	ND		ug/kg	14000	4600	25
Hexachloroethane	ND		ug/kg	4100	820	25
Isophorone	ND		ug/kg	4600	660	25
Naphthalene	430000	E	ug/kg	5100	620	25
Nitrobenzene	ND		ug/kg	4600	750	25
NDPA/DPA	ND		ug/kg	4100	580	25
n-Nitrosodi-n-propylamine	ND		ug/kg	5100	780	25
Bis(2-ethylhexyl)phthalate	ND		ug/kg	5100	1800	25
Butyl benzyl phthalate	ND		ug/kg	5100	1300	25
Di-n-butylphthalate	ND		ug/kg	5100	960	25
Di-n-octylphthalate	ND		ug/kg	5100	1700	25
Diethyl phthalate	ND		ug/kg	5100	470	25
Dimethyl phthalate	ND		ug/kg	5100	1100	25
Benzo(a)anthracene	100000		ug/kg	3000	570	25
Benzo(a)pyrene	46000		ug/kg	4100	1200	25

Project Name: LOT 3A IRM **Lab Number:** L1920729

Project Number: 127887-007 **Report Date:** 05/24/19

SAMPLE RESULTS

Lab ID: L1920729-01 D Date Collected: 05/16/19 17:30

Client ID: DOC3A-111-190516-1730 Date Received: 05/16/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	67000		ug/kg	3000	860	25
Benzo(k)fluoranthene	21000		ug/kg	3000	810	25
Chrysene	75000		ug/kg	3000	530	25
Acenaphthylene	14000		ug/kg	4100	780	25
Anthracene	67000		ug/kg	3000	990	25
Benzo(ghi)perylene	16000		ug/kg	4100	600	25
Fluorene	240000	E	ug/kg	5100	490	25
Phenanthrene	450000	E	ug/kg	3000	620	25
Dibenzo(a,h)anthracene	5100		ug/kg	3000	590	25
Indeno(1,2,3-cd)pyrene	20000		ug/kg	4100	710	25
Pyrene	230000	E	ug/kg	3000	500	25
Biphenyl	65000		ug/kg	12000	1200	25
4-Chloroaniline	ND		ug/kg	5100	920	25
2-Nitroaniline	ND		ug/kg	5100	980	25
3-Nitroaniline	ND		ug/kg	5100	960	25
4-Nitroaniline	ND		ug/kg	5100	2100	25
Dibenzofuran	200000		ug/kg	5100	480	25
2-Methylnaphthalene	230000	E	ug/kg	6100	610	25
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	5100	530	25
Acetophenone	ND		ug/kg	5100	630	25
2,4,6-Trichlorophenol	ND		ug/kg	3000	960	25
p-Chloro-m-cresol	ND		ug/kg	5100	760	25
2-Chlorophenol	ND		ug/kg	5100	600	25
2,4-Dichlorophenol	ND		ug/kg	4600	820	25
2,4-Dimethylphenol	ND		ug/kg	5100	1700	25
2-Nitrophenol	ND		ug/kg	11000	1900	25
4-Nitrophenol	ND		ug/kg	7100	2100	25
2,4-Dinitrophenol	ND		ug/kg	24000	2400	25
4,6-Dinitro-o-cresol	ND		ug/kg	13000	2400	25
Pentachlorophenol	ND		ug/kg	4100	1100	25
Phenol	ND		ug/kg	5100	770	25
2-Methylphenol	ND		ug/kg	5100	790	25
3-Methylphenol/4-Methylphenol	ND		ug/kg	7300	800	25
2,4,5-Trichlorophenol	ND		ug/kg	5100	970	25
Carbazole	35000		ug/kg	5100	490	25
Atrazine	ND		ug/kg	4100	1800	25
Benzaldehyde	ND		ug/kg	6700	1400	25

Project Name: LOT 3A IRM **Lab Number:** L1920729

Project Number: 127887-007 **Report Date:** 05/24/19

SAMPLE RESULTS

Lab ID: L1920729-01 D
Client ID: DOC3A-111-190516-1730
Sample Location: ROME, NY

Date Collected: 05/16/19 17:30
Date Received: 05/16/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	5100	1500	25
2,3,4,6-Tetrachlorophenol	ND		ug/kg	5100	1000	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/21/19 14:07
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/21/19 10:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1239455-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	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	100	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	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
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	26.
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	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/21/19 14:07
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/21/19 10:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1239455-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	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	69.
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	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/21/19 14:07
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/21/19 10:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1239455-1					
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	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	73		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

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: WG1239455-2 WG1239455-3								
Acenaphthene	60		55		31-137	9		50
Hexachlorobenzene	60		53		40-140	12		50
Bis(2-chloroethyl)ether	58		55		40-140	5		50
2-Chloronaphthalene	64		61		40-140	5		50
3,3'-Dichlorobenzidine	68		63		40-140	8		50
2,4-Dinitrotoluene	57		51		40-132	11		50
2,6-Dinitrotoluene	64		60		40-140	6		50
Fluoranthene	67		61		40-140	9		50
4-Chlorophenyl phenyl ether	59		54		40-140	9		50
4-Bromophenyl phenyl ether	60		56		40-140	7		50
Bis(2-chloroisopropyl)ether	61		58		40-140	5		50
Bis(2-chloroethoxy)methane	64		59		40-117	8		50
Hexachlorobutadiene	60		58		40-140	3		50
Hexachlorocyclopentadiene	**7**	Q	**7**	Q	40-140	6		50
Hexachloroethane	51		48		40-140	6		50
Isophorone	66		60		40-140	10		50
Naphthalene	61		59		40-140	3		50
Nitrobenzene	61		58		40-140	5		50
NDPA/DPA	61		55		36-157	10		50
n-Nitrosodi-n-propylamine	64		59		32-121	8		50
Bis(2-ethylhexyl)phthalate	69		64		40-140	8		50
Butyl benzyl phthalate	68		63		40-140	8		50
Di-n-butylphthalate	69		64		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

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: WG1239455-2 WG1239455-3								
Di-n-octylphthalate	71		64		40-140	10		50
Diethyl phthalate	61		56		40-140	9		50
Dimethyl phthalate	64		60		40-140	6		50
Benzo(a)anthracene	65		61		40-140	6		50
Benzo(a)pyrene	61		57		40-140	7		50
Benzo(b)fluoranthene	61		58		40-140	5		50
Benzo(k)fluoranthene	66		60		40-140	10		50
Chrysene	64		60		40-140	6		50
Acenaphthylene	67		62		40-140	8		50
Anthracene	68		62		40-140	9		50
Benzo(ghi)perylene	62		57		40-140	8		50
Fluorene	60		56		40-140	7		50
Phenanthrene	66		61		40-140	8		50
Dibenzo(a,h)anthracene	62		58		40-140	7		50
Indeno(1,2,3-cd)pyrene	63		57		40-140	10		50
Pyrene	67		61		35-142	9		50
Biphenyl	67		63		54-104	6		50
4-Chloroaniline	63		66		40-140	5		50
2-Nitroaniline	72		67		47-134	7		50
3-Nitroaniline	64		60		26-129	6		50
4-Nitroaniline	64		62		41-125	3		50
Dibenzofuran	60		56		40-140	7		50
2-Methylnaphthalene	64		60		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

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: WG1239455-2 WG1239455-3								
1,2,4,5-Tetrachlorobenzene	66		64		40-117	3		50
Acetophenone	64		60		14-144	6		50
2,4,6-Trichlorophenol	71		65		30-130	9		50
p-Chloro-m-cresol	65		61		26-103	6		50
2-Chlorophenol	63		59		25-102	7		50
2,4-Dichlorophenol	70		63		30-130	11		50
2,4-Dimethylphenol	66		61		30-130	8		50
2-Nitrophenol	55		48		30-130	14		50
4-Nitrophenol	53		47		11-114	12		50
2,4-Dinitrophenol	10		9		4-130	6		50
4,6-Dinitro-o-cresol	14		12		10-130	15		50
Pentachlorophenol	47		41		17-109	14		50
Phenol	57		53		26-90	7		50
2-Methylphenol	64		59		30-130.	8		50
3-Methylphenol/4-Methylphenol	70		65		30-130	7		50
2,4,5-Trichlorophenol	67		64		30-130	5		50
Carbazole	66		61		54-128	8		50
Atrazine	73		66		40-140	10		50
Benzaldehyde	62		57		40-140	8		50
Caprolactam	77		74		15-130	4		50
2,3,4,6-Tetrachlorophenol	62		56		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1920729

Report Date: 05/24/19

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: WG1239455-2 WG1239455-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		55		25-120
Phenol-d6	61		56		10-120
Nitrobenzene-d5	63		58		23-120
2-Fluorobiphenyl	66		61		30-120
2,4,6-Tribromophenol	61		55		10-136
4-Terphenyl-d14	68		61		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

SAMPLE RESULTS

Lab ID: L1920729-01
Client ID: DOC3A-111-190516-1730
Sample Location: ROME, NY

Date Collected: 05/16/19 17:30
Date Received: 05/16/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	05/21/19 01:53	121,2540G	YA

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1920729

Report Date: 05/24/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1239237-1 QC Sample: L1920729-01 Client ID: DOC3A-111-190516-1730						
Solids, Total	79.7	80.7	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1920729
Report Date: 05/24/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1920729-01A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L1920729-01B	Vial water preserved	A	NA		3.4	Y	Absent	17-MAY-19 06:06	NYTCL-8260HLW-R2(14)
L1920729-01C	Vial water preserved	A	NA		3.4	Y	Absent	17-MAY-19 06:06	NYTCL-8260HLW-R2(14)
L1920729-01D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L1920729-01E	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1920729
Project Number:	127887-007	**Report Date:**	05/24/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1920729
Project Number:	127887-007	**Report Date:**	05/24/19

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

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1920729
Project Number:	127887-007	**Report Date:**	05/24/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 5/17/19

ALPHA Job #: L1920729

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information

H&A Client: H&A of NY
H&A Address: 200 Town Ctr. Dr. Rochester, NY
H&A Phone: 585-321-4220
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Deliverables

☒ Email ☐ Fax
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL VOC	TCL SVOC							Sample Specific Comments	Total Bottles
	~~DOC3A-110-191516 0430~~	~~5/16~~	~~0~~													
	~~DOC3A-110-190516~~	~~5/16~~	~~16:30~~	~~SO~~	~~ALN~~											
20729-01	DOC3A-111-190516-1730	5/16	17:30	SO	ALN	5-7.5	X	X							HOLD	5

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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/P	A											
Preservative	N/A	A											

Relinquished By:	Date/Time	Received By:	Date/Time
	5/16/19 17:53		5/16/19 1755
	5/16/19 1755		5/17/19 0230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

Documentation Bottom Sample Data

ANALYTICAL REPORT

Lab Number:	L1928243
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/08/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1928243-01	DOC3A-CELL6-09-190627-1330	SOIL	ROME, NY	06/27/19 13:30	06/27/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1928243
Project Number:	127887-007	**Report Date:**	07/08/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1928243
Project Number:	127887-007	**Report Date:**	07/08/19

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

The WG1255764-6/-7 MS/MSD recoveries, performed on L1928243-01 (DOC3A-CELL6-09-190627-1330), are outside the acceptance criteria for methylene chloride (MSD 69%), dibromochloromethane (MSD 67%), chlorobenzene (MSD 58%), 1,2-dichloroethane (MSD 68%), trans-1,3-dichloropropene (65%/54%), cis-1,3-dichloropropene (MSD 62%), 1,1,2,2-tetrachloroethane (MSD 69%), ethylbenzene (MSD 64%), 1,2-dichlorobenzene (64%/46%), 1,3-dichlorobenzene (64%/43%), 1,4-dichlorobenzene (59%/40%), p/m-xylene (MSD 64%), o-xylene (MSD 66%), styrene (MSD 54%), 2-butanone (64%/66%), 2-hexanone (59%/57%), 1,2-dibromoethane (65%/56%), n-butylbenzene (MSD 41%), sec-butylbenzene (MSD 59%), 1,2-dibromo-3-chloropropane (63%/57%), p-isopropyltoluene (MSD 55%), naphthalene (47%/38%), n-propylbenzene (MSD 59%), 1,2,3-trichlorobenzene (38%/27%), 1,2,4-trichlorobenzene (37%/25%), 1,3,5-trimethylbenzene (MSD 63%), and 1,2,4-trimethylbenzene (MSD 57%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

The WG1255764-6/-7 MS/MSD RPDs, performed on L1928243-01 (DOC3A-CELL6-09-190627-1330), are outside the acceptance criteria for 1,2-dichlorobenzene (35%), 1,3-dichlorobenzene (42%), 1,4-dichlorobenzene (40%), p/m-xylene (31%), styrene (33%), n-butylbenzene (62%), sec-butylbenzene (49%), tert-butylbenzene (39%), isopropylbenzene (36%), p-isopropyltoluene (50%), n-propylbenzene (45%), 1,2,3-trichlorobenzene (36%), 1,2,4-trichlorobenzene (41%), 1,3,5-trimethylbenzene (41%), and 1,2,4-trimethylbenzene (42%).

Semivolatile Organics

The WG1256107-6/-7 MS/MSD recoveries, performed on L1928243-01 (DOC3A-CELL6-09-190627-1330), are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) due to the concentration of this compound falling below the reported detection limit.

Project Name: LOT 3A IRM **Lab Number:** L1928243
Project Number: 127887-007 **Report Date:** 07/08/19

Case Narrative (continued)

Total Metals

The WG1255875-3 MS recovery, performed on L1928243-01 (DOC3A-CELL6-09-190627-1330), is outside the acceptance criteria for barium (72%). A post digestion spike was performed and yielded an unacceptable recovery of 76%. The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1255875-3/-4 MS/MSD recoveries, performed on L1928243-01 (DOC3A-CELL6-09-190627-1330), are outside the acceptance criteria for cadmium (64%/67%), chromium (64%/68%), and lead (58%/59%). A post digestion spike was performed and yielded unacceptable recoveries for cadmium (69%), chromium (64%), and lead (63%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1255875-3/-4 MS/MSD recoveries, performed on L1928243-01 (DOC3A-CELL6-09-190627-1330), are outside the acceptance criteria for selenium (72%/72%). A post digestion spike was performed and was within acceptance criteria.

The WG1256086-4 MSD recovery, performed on L1928243-01 (DOC3A-CELL6-09-190627-1330), is outside the acceptance criteria for mercury (126%). A post digestion spike was performed and was within acceptance criteria. The MS/MSD RPD for mercury (21%) is above the acceptance criteria.

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: 07/08/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1928243

Project Number: 127887-007 **Report Date:** 07/08/19

SAMPLE RESULTS

Lab ID: L1928243-01
Client ID: DOC3A-CELL6-09-190627-1330
Sample Location: ROME, NY

Date Collected: 06/27/19 13:30
Date Received: 06/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/01/19 13:33
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1

Project Name: LOT 3A IRM **Lab Number:** L1928243

Project Number: 127887-007 **Report Date:** 07/08/19

SAMPLE RESULTS

Lab ID: L1928243-01 Date Collected: 06/27/19 13:30

Client ID: DOC3A-CELL6-09-190627-1330 Date Received: 06/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	7.8	J	ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
Methyl Acetate	ND		ug/kg	3.6	0.86	1
Cyclohexane	ND		ug/kg	9.1	0.50	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.55	1

Project Name: LOT 3A IRM **Lab Number:** L1928243

Project Number: 127887-007 **Report Date:** 07/08/19

SAMPLE RESULTS

Lab ID:	L1928243-01	Date Collected:	06/27/19 13:30
Client ID:	DOC3A-CELL6-09-190627-1330	Date Received:	06/27/19
Sample Location:	ROME, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/19 08:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1255764-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/19 08:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1255764-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/19 08:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1255764-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1255764-3 WG1255764-4								
Methylene chloride	77		74		70-130	4		30
1,1-Dichloroethane	91		88		70-130	3		30
Chloroform	101		97		70-130	4		30
Carbon tetrachloride	118		113		70-130	4		30
1,2-Dichloropropane	86		83		70-130	4		30
Dibromochloromethane	103		99		70-130	4		30
1,1,2-Trichloroethane	92		91		70-130	1		30
Tetrachloroethene	107		104		70-130	3		30
Chlorobenzene	96		92		70-130	4		30
Trichlorofluoromethane	119		112		70-139	6		30
1,2-Dichloroethane	99		96		70-130	3		30
1,1,1-Trichloroethane	115		108		70-130	6		30
Bromodichloromethane	105		100		70-130	5		30
trans-1,3-Dichloropropene	102		98		70-130	4		30
cis-1,3-Dichloropropene	100		96		70-130	4		30
Bromoform	100		97		70-130	3		30
1,1,2,2-Tetrachloroethane	86		82		70-130	5		30
Benzene	93		88		70-130	6		30
Toluene	94		90		70-130	4		30
Ethylbenzene	98		95		70-130	3		30
Chloromethane	75		72		52-130	4		30
Bromomethane	99		96		57-147	3		30
Vinyl chloride	92		88		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1255764-3 WG1255764-4								
Chloroethane	103		96		50-151	7		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	97		93		70-130	4		30
Trichloroethene	103		98		70-130	5		30
1,2-Dichlorobenzene	98		93		70-130	5		30
1,3-Dichlorobenzene	99		94		70-130	5		30
1,4-Dichlorobenzene	98		94		70-130	4		30
Methyl tert butyl ether	94		91		66-130	3		30
p/m-Xylene	102		97		70-130	5		30
o-Xylene	100		97		70-130	3		30
cis-1,2-Dichloroethene	98		92		70-130	6		30
Styrene	100		98		70-130	2		30
Dichlorodifluoromethane	104		99		30-146	5		30
Acetone	79		69		54-140	14		30
Carbon disulfide	92		88		59-130	4		30
2-Butanone	99		93		70-130	6		30
4-Methyl-2-pentanone	83		79		70-130	5		30
2-Hexanone	70		70		70-130	0		30
Bromochloromethane	101		98		70-130	3		30
1,2-Dibromoethane	96		92		70-130	4		30
n-Butylbenzene	102		96		70-130	6		30
sec-Butylbenzene	101		95		70-130	6		30
tert-Butylbenzene	102		97		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1928243
Report Date: 07/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1255764-3 WG1255764-4								
1,2-Dibromo-3-chloropropane	88		90		68-130	2		30
Isopropylbenzene	101		95		70-130	6		30
p-Isopropyltoluene	104		97		70-130	7		30
Naphthalene	94		90		70-130	4		30
n-Propylbenzene	98		93		70-130	5		30
1,2,3-Trichlorobenzene	100		94		70-130	6		30
1,2,4-Trichlorobenzene	103		98		70-130	5		30
1,3,5-Trimethylbenzene	102		96		70-130	6		30
1,2,4-Trimethylbenzene	102		96		70-130	6		30
Methyl Acetate	74		70		51-146	6		30
Cyclohexane	94		88		59-142	7		30
1,4-Dioxane	82		86		65-136	5		30
Freon-113	103		95		50-139	8		30
Methyl cyclohexane	103		99		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		110		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	96		94		70-130
Dibromofluoromethane	106		105		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1928243

Report Date: 07/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1255764-6 WG1255764-7 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												
Methylene chloride	ND	94.4	70	74		64	**69**	Q	70-130	10		30
1,1-Dichloroethane	ND	94.4	85	90		77	84		70-130	10		30
Chloroform	ND	94.4	87	92		78	84		70-130	11		30
Carbon tetrachloride	ND	94.4	100	108		89	96		70-130	14		30
1,2-Dichloropropane	ND	94.4	75	80		67	72		70-130	11		30
Dibromochloromethane	ND	94.4	74	78		62	**67**	Q	70-130	17		30
1,1,2-Trichloroethane	ND	94.4	74	78		65	70		70-130	13		30
Tetrachloroethene	ND	94.4	93	98		71	76		70-130	27		30
Chlorobenzene	ND	94.4	70	74		54	**58**	Q	70-130	27		30
Trichlorofluoromethane	ND	94.4	110	114		98	106		70-139	10		30
1,2-Dichloroethane	ND	94.4	69	73		63	**68**	Q	70-130	10		30
1,1,1-Trichloroethane	ND	94.4	100	109		93	100		70-130	11		30
Bromodichloromethane	ND	94.4	80	85		70	76		70-130	13		30
trans-1,3-Dichloropropene	ND	94.4	61	**65**	Q	50	**54**	Q	70-130	20		30
cis-1,3-Dichloropropene	ND	94.4	69	73		58	**62**	Q	70-130	17		30
Bromoform	ND	94.4	78	82		66	71		70-130	17		30
1,1,2,2-Tetrachloroethane	ND	94.4	73	77		64	**69**	Q	70-130	14		30
Benzene	ND	94.4	84	88		75	80		70-130	12		30
Toluene	ND	94.4	81	86		66	72		70-130	21		30
Ethylbenzene	ND	94.4	80	85		59	**64**	Q	70-130	30		30
Chloromethane	ND	94.4	75	79		70	76		52-130	6		30
Bromomethane	ND	94.4	84	89		78	84		57-147	8		30
Vinyl chloride	ND	94.4	94	100		87	93		67-130	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1928243

Report Date: 07/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1255764-6 WG1255764-7 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												
Chloroethane	ND	94.4	96	102		87	94		50-151	10		30
1,1-Dichloroethene	ND	94.4	100	106		90	97		65-135	10		30
trans-1,2-Dichloroethene	ND	94.4	86	91		75	81		70-130	14		30
Trichloroethene	ND	94.4	85	90		70	76		70-130	19		30
1,2-Dichlorobenzene	ND	94.4	61	**64**	Q	43	**46**	Q	70-130	**35**	Q	30
1,3-Dichlorobenzene	ND	94.4	61	**64**	Q	40	**43**	Q	70-130	**42**	Q	30
1,4-Dichlorobenzene	ND	94.4	56	**59**	Q	38	**40**	Q	70-130	**40**	Q	30
Methyl tert butyl ether	ND	94.4	82	86		76	82		66-130	7		30
p/m-Xylene	ND	189	160	85		120	**64**	Q	70-130	**31**	Q	30
o-Xylene	ND	189	160	86		120	**66**	Q	70-130	28		30
cis-1,2-Dichloroethene	ND	94.4	82	87		72	78		70-130	13		30
Styrene	ND	189	140	73		99	**54**	Q	70-130	**33**	Q	30
Dichlorodifluoromethane	ND	94.4	97	103		91	98		30-146	7		30
Acetone	7.8J	94.4	64	68		81	87		54-140	23		30
Carbon disulfide	ND	94.4	88	93		76	82		59-130	15		30
2-Butanone	ND	94.4	61	**64**	Q	61	**66**	Q	70-130	0		30
4-Methyl-2-pentanone	ND	94.4	70	74		65	70		70-130	8		30
2-Hexanone	ND	94.4	56	**59**	Q	53	**57**	Q	70-130	6		30
Bromochloromethane	ND	94.4	79	84		71	77		70-130	11		30
1,2-Dibromoethane	ND	94.4	61	**65**	Q	52	**56**	Q	70-130	16		30
n-Butylbenzene	ND	94.4	72	76		38	**41**	Q	70-130	**62**	Q	30
sec-Butylbenzene	ND	94.4	90	95		55	**59**	Q	70-130	**49**	Q	30
tert-Butylbenzene	ND	94.4	97	103		65	70		70-130	**39**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1928243

Report Date: 07/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1255764-6 WG1255764-7 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												
1,2-Dibromo-3-chloropropane	ND	94.4	60	**63**	Q	53	**57**	Q	68-130	12		30
Isopropylbenzene	ND	94.4	99	104		69	74		70-130	**36**	Q	30
p-Isopropyltoluene	ND	94.4	86	91		51	**55**	Q	70-130	**50**	Q	30
Naphthalene	ND	94.4	44	**47**	Q	35	**38**	Q	70-130	23		30
n-Propylbenzene	ND	94.4	86	91		55	**59**	Q	70-130	**45**	Q	30
1,2,3-Trichlorobenzene	ND	94.4	36	**38**	Q	25	**27**	Q	70-130	**36**	Q	30
1,2,4-Trichlorobenzene	ND	94.4	35	**37**	Q	23	**25**	Q	70-130	**41**	Q	30
1,3,5-Trimethylbenzene	ND	94.4	89	94		59	**63**	Q	70-130	**41**	Q	30
1,2,4-Trimethylbenzene	ND	94.4	81	86		53	**57**	Q	70-130	**42**	Q	30
Methyl Acetate	ND	94.4	61	65		58	62		51-146	6		30
Cyclohexane	ND	94.4	93	99		82	89		59-142	12		30
1,4-Dioxane	ND	4720	4000	84		4600	99		65-136	14		30
Freon-113	ND	94.4	100	108		93	100		50-139	9		30
Methyl cyclohexane	ND	94.4	99	105		81	88		70-130	20		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		102		70-130
4-Bromofluorobenzene	107		105		70-130
Dibromofluoromethane	103		104		70-130
Toluene-d8	101		99		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1928243
Report Date: 07/08/19

SAMPLE RESULTS

Lab ID: L1928243-01
Client ID: DOC3A-CELL6-09-190627-1330
Sample Location: ROME, NY

Date Collected: 06/27/19 13:30
Date Received: 06/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/05/19 20:04
Analyst: KR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: LOT 3A IRM **Lab Number:** L1928243

Project Number: 127887-007 **Report Date:** 07/08/19

SAMPLE RESULTS

Lab ID: L1928243-01 Date Collected: 06/27/19 13:30

Client ID: DOC3A-CELL6-09-190627-1330 Date Received: 06/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	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	39.	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	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	980	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: LOT 3A IRM **Lab Number:** L1928243

Project Number: 127887-007 **Report Date:** 07/08/19

SAMPLE RESULTS

Lab ID: L1928243-01 Date Collected: 06/27/19 13:30

Client ID: DOC3A-CELL6-09-190627-1330 Date Received: 06/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	65		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	75		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

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: WG1256107-2 WG1256107-3								
Acenaphthene	70		65		31-137	7		50
Hexachlorobenzene	70		66		40-140	6		50
Bis(2-chloroethyl)ether	70		66		40-140	6		50
2-Chloronaphthalene	74		69		40-140	7		50
3,3'-Dichlorobenzidine	62		59		40-140	5		50
2,4-Dinitrotoluene	69		65		40-132	6		50
2,6-Dinitrotoluene	78		72		40-140	8		50
Fluoranthene	70		67		40-140	4		50
4-Chlorophenyl phenyl ether	67		63		40-140	6		50
4-Bromophenyl phenyl ether	71		67		40-140	6		50
Bis(2-chloroisopropyl)ether	76		71		40-140	7		50
Bis(2-chloroethoxy)methane	74		72		40-117	3		50
Hexachlorobutadiene	70		65		40-140	7		50
Hexachlorocyclopentadiene	63		61		40-140	3		50
Hexachloroethane	70		68		40-140	3		50
Isophorone	75		73		40-140	3		50
Naphthalene	69		64		40-140	8		50
Nitrobenzene	70		67		40-140	4		50
NDPA/DPA	70		66		36-157	6		50
n-Nitrosodi-n-propylamine	77		72		32-121	7		50
Bis(2-ethylhexyl)phthalate	86		80		40-140	7		50
Butyl benzyl phthalate	75		72		40-140	4		50
Di-n-butylphthalate	76		71		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

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: WG1256107-2 WG1256107-3								
Di-n-octylphthalate	84		79		40-140	6		50
Diethyl phthalate	73		70		40-140	4		50
Dimethyl phthalate	71		68		40-140	4		50
Benzo(a)anthracene	65		62		40-140	5		50
Benzo(a)pyrene	66		61		40-140	8		50
Benzo(b)fluoranthene	59		55		40-140	7		50
Benzo(k)fluoranthene	77		71		40-140	8		50
Chrysene	76		71		40-140	7		50
Acenaphthylene	77		73		40-140	5		50
Anthracene	69		66		40-140	4		50
Benzo(ghi)perylene	68		63		40-140	8		50
Fluorene	71		67		40-140	6		50
Phenanthrene	66		61		40-140	8		50
Dibenzo(a,h)anthracene	67		62		40-140	8		50
Indeno(1,2,3-cd)pyrene	61		57		40-140	7		50
Pyrene	70		66		35-142	6		50
Biphenyl	76		72		54-104	5		50
4-Chloroaniline	70		73		40-140	4		50
2-Nitroaniline	75		72		47-134	4		50
3-Nitroaniline	66		64		26-129	3		50
4-Nitroaniline	72		69		41-125	4		50
Dibenzofuran	70		65		40-140	7		50
2-Methylnaphthalene	69		64		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

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: WG1256107-2 WG1256107-3								
1,2,4,5-Tetrachlorobenzene	74		71		40-117	4		50
Acetophenone	75		71		14-144	5		50
2,4,6-Trichlorophenol	73		68		30-130	7		50
p-Chloro-m-cresol	80		74		26-103	8		50
2-Chlorophenol	75		72		25-102	4		50
2,4-Dichlorophenol	82		76		30-130	8		50
2,4-Dimethylphenol	78		75		30-130	4		50
2-Nitrophenol	74		69		30-130	7		50
4-Nitrophenol	73		68		11-114	7		50
2,4-Dinitrophenol	37		32		4-130	14		50
4,6-Dinitro-o-cresol	70		65		10-130	7		50
Pentachlorophenol	72		68		17-109	6		50
Phenol	73		69		26-90	6		50
2-Methylphenol	77		74		30-130.	4		50
3-Methylphenol/4-Methylphenol	83		81		30-130	2		50
2,4,5-Trichlorophenol	81		78		30-130	4		50
Carbazole	70		66		54-128	6		50
Atrazine	76		73		40-140	4		50
Benzaldehyde	75		70		40-140	7		50
Caprolactam	77		77		15-130	0		50
2,3,4,6-Tetrachlorophenol	74		71		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1928243

Report Date: 07/08/19

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: WG1256107-2 WG1256107-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		69		25-120
Phenol-d6	76		73		10-120
Nitrobenzene-d5	78		75		23-120
2-Fluorobiphenyl	75		71		30-120
2,4,6-Tribromophenol	73		69		10-136
4-Terphenyl-d14	72		67		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256107-6 WG1256107-7 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												
Acenaphthene	ND	1630	980	60		1300	78		31-137	28		50
Hexachlorobenzene	ND	1630	990	61		1300	78		40-140	27		50
Bis(2-chloroethyl)ether	ND	1630	960	59		1300	78		40-140	30		50
2-Chloronaphthalene	ND	1630	1000	61		1300	78		40-140	26		50
3,3'-Dichlorobenzidine	ND	1630	940	58		1200	72		40-140	24		50
2,4-Dinitrotoluene	ND	1630	950	58		1300	78		40-132	31		50
2,6-Dinitrotoluene	ND	1630	1000	61		1400	84		40-140	33		50
Fluoranthene	ND	1630	980	60		1300	78		40-140	28		50
4-Chlorophenyl phenyl ether	ND	1630	960	59		1300	78		40-140	30		50
4-Bromophenyl phenyl ether	ND	1630	1000	61		1400	84		40-140	33		50
Bis(2-chloroisopropyl)ether	ND	1630	1000	61		1400	84		40-140	33		50
Bis(2-chloroethoxy)methane	ND	1630	1000	61		1400	84		40-117	33		50
Hexachlorobutadiene	ND	1630	950	58		1300	78		40-140	31		50
Hexachlorocyclopentadiene	ND	1630	860	53		1200	72		40-140	33		50
Hexachloroethane	ND	1630	1000	61		1300	78		40-140	26		50
Isophorone	ND	1630	1000	61		1400	84		40-140	33		50
Naphthalene	ND	1630	950	58		1300	78		40-140	31		50
Nitrobenzene	ND	1630	970	60		1300	78		40-140	29		50
NDPA/DPA	ND	1630	1000	61		1300	78		36-157	26		50
n-Nitrosodi-n-propylamine	ND	1630	1000	61		1400	84		32-121	33		50
Bis(2-ethylhexyl)phthalate	ND	1630	1200	74		1600	97		40-140	29		50
Butyl benzyl phthalate	ND	1630	1100	68		1400	84		40-140	24		50
Di-n-butylphthalate	ND	1630	1100	68		1400	84		40-140	24		50

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256107-6 WG1256107-7 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												
Di-n-octylphthalate	ND	1630	1200	74		1600	97		40-140	29		50
Diethyl phthalate	ND	1630	1000	61		1400	84		40-140	33		50
Dimethyl phthalate	ND	1630	1000	61		1300	78		40-140	26		50
Benzo(a)anthracene	ND	1630	920	57		1200	72		40-140	26		50
Benzo(a)pyrene	ND	1630	910	56		1200	72		40-140	27		50
Benzo(b)fluoranthene	ND	1630	830	51		1100	66		40-140	28		50
Benzo(k)fluoranthene	ND	1630	1000	61		1400	84		40-140	33		50
Chrysene	ND	1630	1000	61		1400	84		40-140	33		50
Acenaphthylene	ND	1630	1000	61		1400	84		40-140	33		50
Anthracene	ND	1630	970	60		1300	78		40-140	29		50
Benzo(ghi)perylene	ND	1630	940	58		1200	72		40-140	24		50
Fluorene	ND	1630	1000	61		1300	78		40-140	26		50
Phenanthrene	ND	1630	910	56		1200	72		40-140	27		50
Dibenzo(a,h)anthracene	ND	1630	930	57		1200	72		40-140	25		50
Indeno(1,2,3-cd)pyrene	ND	1630	830	51		1100	66		40-140	28		50
Pyrene	ND	1630	970	60		1300	78		35-142	29		50
Biphenyl	ND	1630	1000	61		1400	84		54-104	33		50
4-Chloroaniline	ND	1630	1100	68		1400	84		40-140	24		50
2-Nitroaniline	ND	1630	1000	61		1400	84		47-134	33		50
3-Nitroaniline	ND	1630	890	55		1200	72		26-129	30		50
4-Nitroaniline	ND	1630	1000	61		1300	78		41-125	26		50
Dibenzofuran	ND	1630	960	59		1300	78		40-140	30		50
2-Methylnaphthalene	ND	1630	920	57		1200	72		40-140	26		50

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1928243

Report Date: 07/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256107-6 WG1256107-7 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												
1,2,4,5-Tetrachlorobenzene	ND	1630	1000	61		1400	84		40-117	33		50
Acetophenone	ND	1630	1000	61		1400	84		14-144	33		50
2,4,6-Trichlorophenol	ND	1630	990	61		1300	78		30-130	27		50
p-Chloro-m-cresol	ND	1630	1100	68		1400	84		26-103	24		50
2-Chlorophenol	ND	1630	1000	61		1400	84		25-102	33		50
2,4-Dichlorophenol	ND	1630	1100	68		1500	91		30-130	31		50
2,4-Dimethylphenol	ND	1630	1100	68		1500	91		30-130	31		50
2-Nitrophenol	ND	1630	970	60		1300	78		30-130	29		50
4-Nitrophenol	ND	1630	930	57		1200	72		11-114	25		50
2,4-Dinitrophenol	ND	1630	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1630	330J	20		520J	31		10-130	45		50
Pentachlorophenol	ND	1630	870	53		1100	66		17-109	23		50
Phenol	ND	1630	970	60		1300	78		26-90	29		50
2-Methylphenol	ND	1630	1000	61		1400	84		30-130.	33		50
3-Methylphenol/4-Methylphenol	ND	1630	1200	74		1600	97		30-130	29		50
2,4,5-Trichlorophenol	ND	1630	1100	68		1500	91		30-130	31		50
Carbazole	ND	1630	970	60		1300	78		54-128	29		50
Atrazine	ND	1630	1100	68		1600	97		40-140	37		50
Benzaldehyde	ND	1630	1000	61		1400	84		40-140	33		50
Caprolactam	ND	1630	1100	68		1500	91		15-130	31		50
2,3,4,6-Tetrachlorophenol	ND	1630	1000	61		1300	78		40-140	26		50

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1928243

Report Date: 07/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256107-6 WG1256107-7 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	61		81		10-136
2-Fluorobiphenyl	61		79		30-120
2-Fluorophenol	60		79		25-120
4-Terphenyl-d14	60		81		18-120
Nitrobenzene-d5	63		84		23-120
Phenol-d6	62		82		10-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1928243
Report Date: 07/08/19

SAMPLE RESULTS

Lab ID: L1928243-01
Client ID: DOC3A-CELL6-09-190627-1330
Sample Location: ROME, NY
Date Collected: 06/27/19 13:30
Date Received: 06/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.42		mg/kg	0.488	0.101	1	07/02/19 19:05	07/02/19 22:40	EPA 3050B	1,6010D	AB
Barium, Total	66.0		mg/kg	0.488	0.085	1	07/02/19 19:05	07/02/19 22:40	EPA 3050B	1,6010D	AB
Cadmium, Total	0.810		mg/kg	0.488	0.048	1	07/02/19 19:05	07/02/19 22:40	EPA 3050B	1,6010D	AB
Chromium, Total	10.7		mg/kg	0.488	0.047	1	07/02/19 19:05	07/02/19 22:40	EPA 3050B	1,6010D	AB
Lead, Total	5.47		mg/kg	2.44	0.131	1	07/02/19 19:05	07/02/19 22:40	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.078	0.051	1	07/03/19 06:30	07/03/19 11:00	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	0.975	0.126	1	07/02/19 19:05	07/02/19 22:40	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.488	0.138	1	07/02/19 19:05	07/02/19 22:40	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1928243

Project Number: 127887-007 **Report Date:** 07/08/19

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: WG1255875-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/19 19:05	07/02/19 22:36	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	07/02/19 19:05	07/02/19 22:36	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/02/19 19:05	07/02/19 22:36	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/02/19 19:05	07/02/19 22:36	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/19 19:05	07/02/19 22:36	1,6010D	AB
Selenium, Total	0.148	J	mg/kg	0.800	0.103	1	07/02/19 19:05	07/02/19 22:36	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	07/02/19 19:05	07/02/19 22:36	1,6010D	AB

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 Batch: WG1256086-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/03/19 06:30	07/03/19 10:56	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1255875-2 SRM Lot Number: D105-540								
Arsenic, Total	108		-		70-130	-		
Barium, Total	103		-		75-125	-		
Cadmium, Total	93		-		75-125	-		
Chromium, Total	92		-		70-130	-		
Lead, Total	98		-		71-128	-		
Selenium, Total	104		-		63-137	-		
Silver, Total	98		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1256086-2 SRM Lot Number: D105-540								
Mercury, Total	103		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

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 QC Batch ID: WG1255875-3 WG1255875-4 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												
Arsenic, Total	4.42	11.3	13.5	80		14.4	84		75-125	6		20
Barium, Total	66.0	189	203	**72**	Q	217	77		75-125	7		20
Cadmium, Total	0.810	4.81	3.90	**64**	Q	4.17	**67**	Q	75-125	7		20
Chromium, Total	10.7	18.9	22.8	**64**	Q	24.2	**68**	Q	75-125	6		20
Lead, Total	5.47	48.1	33.2	**58**	Q	35.0	**59**	Q	75-125	5		20
Selenium, Total	ND	11.3	8.21	**72**	Q	8.49	**72**	Q	75-125	3		20
Silver, Total	ND	28.3	24.3	86		26.0	88		75-125	7		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1256086-3 WG1256086-4 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330												
Mercury, Total	ND	0.157	0.160	102		0.198	**126**	Q	80-120	**21**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

SAMPLE RESULTS

Lab ID: L1928243-01
Client ID: DOC3A-CELL6-09-190627-1330
Sample Location: ROME, NY

Date Collected: 06/27/19 13:30
Date Received: 06/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	06/29/19 03:50	121,2540G	YA

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1928243

Report Date: 07/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1254710-1 QC Sample: L1928243-01 Client ID: DOC3A-CELL6-09-190627-1330						
Solids, Total	80.1	80.6	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1928243
Report Date: 07/08/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1928243-01A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L1928243-01A1	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L1928243-01A2	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L1928243-01B	Vial water preserved	A	NA		2.7	Y	Absent	28-JUN-19 15:40	NYTCL-8260HLW-R2(14)
L1928243-01B1	Vial water preserved	A	NA		2.7	Y	Absent	28-JUN-19 15:40	NYTCL-8260HLW-R2(14)
L1928243-01B2	Vial water preserved	A	NA		2.7	Y	Absent	28-JUN-19 15:40	NYTCL-8260HLW-R2(14)
L1928243-01C	Vial water preserved	A	NA		2.7	Y	Absent	28-JUN-19 15:40	NYTCL-8260HLW-R2(14)
L1928243-01C1	Vial water preserved	A	NA		2.7	Y	Absent	28-JUN-19 15:40	NYTCL-8260HLW-R2(14)
L1928243-01C2	Vial water preserved	A	NA		2.7	Y	Absent	28-JUN-19 15:40	NYTCL-8260HLW-R2(14)
L1928243-01D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L1928243-01D1	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L1928243-01D2	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L1928243-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1928243-01E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1928243-01E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1928243-01F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14)
L1928243-01F1	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14)
L1928243-01F2	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1928243
Project Number:	127887-007	**Report Date:**	07/08/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1928243
Project Number:	127887-007	**Report Date:**	07/08/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1928243
Project Number:	127887-007	**Report Date:**	07/08/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1928243

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #)	☐
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information

H&A Client:	H&A of New York
H&A Address:	200 Town Centre Dr. Ste. 2
Rochester, NY 14623	
H&A Phone:	585-321-4219
H&A Fax:	
H&A Email:	cmondello&haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs	Total Solids					Sample Specific Comments	Total Bottles
28243 - 01	DOC3A-CELL6-09-190627-1330	6/27/2019	1330	S	DMN	9	9	3	3	3					MS/MSD	18
Container Type							A	A	A	P						
Preservative							F	A	A	A						

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[illegible]	6/27/19 1535	[illegible]	6/27/19 1535
[illegible]	6/27/19 1535	[illegible]	6/28/19 0940

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1929112
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/11/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929112-01	DOC3A-CELL1-09-190702-1330	SOIL	ROME, NY	07/02/19 11:30	07/02/19
L1929112-02	1234-190702-0001	SOIL	ROME, NY	07/02/19 00:00	07/02/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1929112
Project Number:	127887-007	**Report Date:**	07/11/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1929112
Project Number:	127887-007	**Report Date:**	07/11/19

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

L1929112-01 and -02 (DOC3A-CELL1-09-190702-1330 and 1234-190702-0001): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Semivolatile Organics

L1929112-01 and -02 (DOC3A-CELL1-09-190702-1330 and 1234-190702-0001): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compounds that exceeded the calibration range.

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 Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/11/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01 D
Client ID: DOC3A-CELL1-09-190702-1330
Sample Location: ROME, NY

Date Collected: 07/02/19 11:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/08/19 14:37
Analyst: MV
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	3200	1500	10
1,1-Dichloroethane	ND		ug/kg	640	93.	10
Chloroform	ND		ug/kg	960	90.	10
Carbon tetrachloride	ND		ug/kg	640	150	10
1,2-Dichloropropane	ND		ug/kg	640	80.	10
Dibromochloromethane	ND		ug/kg	640	90.	10
1,1,2-Trichloroethane	ND		ug/kg	640	170	10
Tetrachloroethene	ND		ug/kg	320	120	10
Chlorobenzene	ND		ug/kg	320	82.	10
Trichlorofluoromethane	ND		ug/kg	2600	450	10
1,2-Dichloroethane	ND		ug/kg	640	160	10
1,1,1-Trichloroethane	ND		ug/kg	320	110	10
Bromodichloromethane	ND		ug/kg	320	70.	10
trans-1,3-Dichloropropene	ND		ug/kg	640	180	10
cis-1,3-Dichloropropene	ND		ug/kg	320	100	10
1,3-Dichloropropene, Total	ND		ug/kg	320	100	10
Bromoform	ND		ug/kg	2600	160	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	320	110	10
Benzene	ND		ug/kg	320	110	10
Toluene	620	J	ug/kg	640	350	10
Ethylbenzene	370	J	ug/kg	640	90.	10
Chloromethane	ND		ug/kg	2600	600	10
Bromomethane	ND		ug/kg	1300	370	10
Vinyl chloride	ND		ug/kg	640	220	10
Chloroethane	ND		ug/kg	1300	290	10
1,1-Dichloroethene	ND		ug/kg	640	150	10
trans-1,2-Dichloroethene	ND		ug/kg	960	88.	10
Trichloroethene	ND		ug/kg	320	88.	10

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01 D Date Collected: 07/02/19 11:30

Client ID: DOC3A-CELL1-09-190702-1330 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1300	92.	10
1,3-Dichlorobenzene	ND		ug/kg	1300	95.	10
1,4-Dichlorobenzene	ND		ug/kg	1300	110	10
Methyl tert butyl ether	ND		ug/kg	1300	130	10
p/m-Xylene	1000	J	ug/kg	1300	360	10
o-Xylene	300	J	ug/kg	640	190	10
Xylenes, Total	1300	J	ug/kg	640	190	10
cis-1,2-Dichloroethene	ND		ug/kg	640	110	10
1,2-Dichloroethene, Total	ND		ug/kg	640	88.	10
Styrene	ND		ug/kg	640	120	10
Dichlorodifluoromethane	ND		ug/kg	6400	590	10
Acetone	ND		ug/kg	6400	3100	10
Carbon disulfide	ND		ug/kg	6400	2900	10
2-Butanone	ND		ug/kg	6400	1400	10
4-Methyl-2-pentanone	ND		ug/kg	6400	820	10
2-Hexanone	ND		ug/kg	6400	760	10
Bromochloromethane	ND		ug/kg	1300	130	10
1,2-Dibromoethane	ND		ug/kg	640	180	10
n-Butylbenzene	ND		ug/kg	640	110	10
sec-Butylbenzene	ND		ug/kg	640	94.	10
tert-Butylbenzene	ND		ug/kg	1300	76.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	1900	640	10
Isopropylbenzene	ND		ug/kg	640	70.	10
p-Isopropyltoluene	ND		ug/kg	640	70.	10
Naphthalene	100000		ug/kg	2600	420	10
n-Propylbenzene	ND		ug/kg	640	110	10
1,2,3-Trichlorobenzene	ND		ug/kg	1300	210	10
1,2,4-Trichlorobenzene	ND		ug/kg	1300	170	10
1,3,5-Trimethylbenzene	390	J	ug/kg	1300	120	10
1,2,4-Trimethylbenzene	890	J	ug/kg	1300	210	10
Methyl Acetate	ND		ug/kg	2600	610	10
Cyclohexane	ND		ug/kg	6400	350	10
1,4-Dioxane	ND		ug/kg	51000	22000	10
Freon-113	ND		ug/kg	2600	440	10
Methyl cyclohexane	ND		ug/kg	2600	390	10

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01 D
Client ID: DOC3A-CELL1-09-190702-1330
Sample Location: ROME, NY

Date Collected: 07/02/19 11:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02 D
Client ID: 1234-190702-0001
Sample Location: ROME, NY

Date Collected: 07/02/19 00:00
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/08/19 15:03
Analyst: MV
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	3400	1600	10
1,1-Dichloroethane	ND		ug/kg	680	99.	10
Chloroform	ND		ug/kg	1000	96.	10
Carbon tetrachloride	ND		ug/kg	680	160	10
1,2-Dichloropropane	ND		ug/kg	680	85.	10
Dibromochloromethane	ND		ug/kg	680	96.	10
1,1,2-Trichloroethane	ND		ug/kg	680	180	10
Tetrachloroethene	ND		ug/kg	340	130	10
Chlorobenzene	ND		ug/kg	340	87.	10
Trichlorofluoromethane	ND		ug/kg	2700	470	10
1,2-Dichloroethane	ND		ug/kg	680	180	10
1,1,1-Trichloroethane	ND		ug/kg	340	110	10
Bromodichloromethane	ND		ug/kg	340	74.	10
trans-1,3-Dichloropropene	ND		ug/kg	680	190	10
cis-1,3-Dichloropropene	ND		ug/kg	340	110	10
1,3-Dichloropropene, Total	ND		ug/kg	340	110	10
Bromoform	ND		ug/kg	2700	170	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	340	110	10
Benzene	ND		ug/kg	340	110	10
Toluene	520	J	ug/kg	680	370	10
Ethylbenzene	310	J	ug/kg	680	96.	10
Chloromethane	ND		ug/kg	2700	640	10
Bromomethane	ND		ug/kg	1400	400	10
Vinyl chloride	ND		ug/kg	680	230	10
Chloroethane	ND		ug/kg	1400	310	10
1,1-Dichloroethene	ND		ug/kg	680	160	10
trans-1,2-Dichloroethene	ND		ug/kg	1000	93.	10
Trichloroethene	ND		ug/kg	340	93.	10

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02 D Date Collected: 07/02/19 00:00

Client ID: 1234-190702-0001 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1400	98.	10
1,3-Dichlorobenzene	ND		ug/kg	1400	100	10
1,4-Dichlorobenzene	ND		ug/kg	1400	120	10
Methyl tert butyl ether	ND		ug/kg	1400	140	10
p/m-Xylene	760	J	ug/kg	1400	380	10
o-Xylene	270	J	ug/kg	680	200	10
Xylenes, Total	1000	J	ug/kg	680	200	10
cis-1,2-Dichloroethene	ND		ug/kg	680	120	10
1,2-Dichloroethene, Total	ND		ug/kg	680	93.	10
Styrene	ND		ug/kg	680	130	10
Dichlorodifluoromethane	ND		ug/kg	6800	620	10
Acetone	ND		ug/kg	6800	3300	10
Carbon disulfide	ND		ug/kg	6800	3100	10
2-Butanone	ND		ug/kg	6800	1500	10
4-Methyl-2-pentanone	ND		ug/kg	6800	870	10
2-Hexanone	ND		ug/kg	6800	800	10
Bromochloromethane	ND		ug/kg	1400	140	10
1,2-Dibromoethane	ND		ug/kg	680	190	10
n-Butylbenzene	ND		ug/kg	680	110	10
sec-Butylbenzene	ND		ug/kg	680	100	10
tert-Butylbenzene	ND		ug/kg	1400	80.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2000	680	10
Isopropylbenzene	ND		ug/kg	680	74.	10
p-Isopropyltoluene	ND		ug/kg	680	74.	10
Naphthalene	83000		ug/kg	2700	440	10
n-Propylbenzene	ND		ug/kg	680	120	10
1,2,3-Trichlorobenzene	ND		ug/kg	1400	220	10
1,2,4-Trichlorobenzene	ND		ug/kg	1400	180	10
1,3,5-Trimethylbenzene	290	J	ug/kg	1400	130	10
1,2,4-Trimethylbenzene	690	J	ug/kg	1400	230	10
Methyl Acetate	ND		ug/kg	2700	650	10
Cyclohexane	ND		ug/kg	6800	370	10
1,4-Dioxane	ND		ug/kg	54000	24000	10
Freon-113	ND		ug/kg	2700	470	10
Methyl cyclohexane	ND		ug/kg	2700	410	10

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02 D
Client ID: 1234-190702-0001
Sample Location: ROME, NY

Date Collected: 07/02/19 00:00
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1257385-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1257385-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1257385-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1257385-3 WG1257385-4								
Methylene chloride	96		90		70-130	6		30
1,1-Dichloroethane	102		93		70-130	9		30
Chloroform	109		100		70-130	9		30
Carbon tetrachloride	116		108		70-130	7		30
1,2-Dichloropropane	99		92		70-130	7		30
Dibromochloromethane	110		102		70-130	8		30
1,1,2-Trichloroethane	108		100		70-130	8		30
Tetrachloroethene	117		106		70-130	10		30
Chlorobenzene	106		99		70-130	7		30
Trichlorofluoromethane	117		106		70-139	10		30
1,2-Dichloroethane	99		95		70-130	4		30
1,1,1-Trichloroethane	117		106		70-130	10		30
Bromodichloromethane	112		102		70-130	9		30
trans-1,3-Dichloropropene	111		103		70-130	7		30
cis-1,3-Dichloropropene	114		104		70-130	9		30
Bromoform	112		102		70-130	9		30
1,1,2,2-Tetrachloroethane	102		93		70-130	9		30
Benzene	107		98		70-130	9		30
Toluene	105		99		70-130	6		30
Ethylbenzene	108		100		70-130	8		30
Chloromethane	80		73		52-130	9		30
Bromomethane	122		110		57-147	10		30
Vinyl chloride	103		93		67-130	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1257385-3 WG1257385-4								
Chloroethane	118		107		50-151	10		30
1,1-Dichloroethene	113		105		65-135	7		30
trans-1,2-Dichloroethene	112		100		70-130	11		30
Trichloroethene	112		104		70-130	7		30
1,2-Dichlorobenzene	105		98		70-130	7		30
1,3-Dichlorobenzene	108		100		70-130	8		30
1,4-Dichlorobenzene	106		99		70-130	7		30
Methyl tert butyl ether	104		96		66-130	8		30
p/m-Xylene	112		104		70-130	7		30
o-Xylene	110		104		70-130	6		30
cis-1,2-Dichloroethene	110		102		70-130	8		30
Styrene	112		106		70-130	6		30
Dichlorodifluoromethane	100		88		30-146	13		30
Acetone	79		68		54-140	15		30
Carbon disulfide	108		96		59-130	12		30
2-Butanone	96		82		70-130	16		30
4-Methyl-2-pentanone	96		86		70-130	11		30
2-Hexanone	80		73		70-130	9		30
Bromochloromethane	115		106		70-130	8		30
1,2-Dibromoethane	108		102		70-130	6		30
n-Butylbenzene	110		102		70-130	8		30
sec-Butylbenzene	111		101		70-130	9		30
tert-Butylbenzene	111		101		70-130	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1257385-3 WG1257385-4								
1,2-Dibromo-3-chloropropane	99		91		68-130	8		30
Isopropylbenzene	110		100		70-130	10		30
p-Isopropyltoluene	112		103		70-130	8		30
Naphthalene	102		96		70-130	6		30
n-Propylbenzene	108		99		70-130	9		30
1,2,3-Trichlorobenzene	107		101		70-130	6		30
1,2,4-Trichlorobenzene	112		103		70-130	8		30
1,3,5-Trimethylbenzene	111		102		70-130	8		30
1,2,4-Trimethylbenzene	109		102		70-130	7		30
Methyl Acetate	86		77		51-146	11		30
Cyclohexane	104		93		59-142	11		30
1,4-Dioxane	101		90		65-136	12		30
Freon-113	111		102		50-139	8		30
Methyl cyclohexane	114		105		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	97		99		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	99		103		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01
Client ID: DOC3A-CELL1-09-190702-1330
Sample Location: ROME, NY

Date Collected: 07/02/19 11:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/11/19 07:55
Analyst: ALS
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/06/19 23:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	180		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	14000	E	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	37	J	ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01 Date Collected: 07/02/19 11:30

Client ID: DOC3A-CELL1-09-190702-1330 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	24	J	ug/kg	130	22.	1
Acenaphthylene	180		ug/kg	170	33.	1
Anthracene	160		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	880		ug/kg	210	21.	1
Phenanthrene	1200		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	110	J	ug/kg	130	21.	1
Biphenyl	360	J	ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	1100		ug/kg	210	20.	1
2-Methylnaphthalene	2300		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	420		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	43	J	ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	63	J	ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	1700		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01 Date Collected: 07/02/19 11:30

Client ID: DOC3A-CELL1-09-190702-1330 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	62		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01 D
Client ID: DOC3A-CELL1-09-190702-1330
Sample Location: ROME, NY

Date Collected: 07/02/19 11:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/11/19 11:36
Analyst: ALS
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/06/19 23:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	18000		ug/kg	1100	130	5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02
Client ID: 1234-190702-0001
Sample Location: ROME, NY

Date Collected: 07/02/19 00:00
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/11/19 09:11
Analyst: ALS
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/06/19 23:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4200		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	5000		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	22000	E	ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	1200		ug/kg	120	23.	1
Benzo(a)pyrene	460		ug/kg	170	51.	1

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02 Date Collected: 07/02/19 00:00

Client ID: 1234-190702-0001 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	600		ug/kg	120	35.	1
Benzo(k)fluoranthene	240		ug/kg	120	33.	1
Chrysene	810		ug/kg	120	22.	1
Acenaphthylene	610		ug/kg	170	32.	1
Anthracene	1300		ug/kg	120	40.	1
Benzo(ghi)perylene	110	J	ug/kg	170	24.	1
Fluorene	4400		ug/kg	210	20.	1
Phenanthrene	9600	E	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	160	J	ug/kg	170	29.	1
Pyrene	3200		ug/kg	120	21.	1
Biphenyl	1400		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	4000		ug/kg	210	20.	1
2-Methylnaphthalene	7300		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	580		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	52	J	ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	75	J	ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	2500		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02 Date Collected: 07/02/19 00:00

Client ID: 1234-190702-0001 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	69		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02 D
Client ID: 1234-190702-0001
Sample Location: ROME, NY

Date Collected: 07/02/19 00:00
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/11/19 12:01
Analyst: ALS
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/06/19 23:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	39000		ug/kg	2100	250	10
Phenanthrene	13000		ug/kg	1200	250	10

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/09/19 06:48
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/06/19 23:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1256777-1					
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	26.
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	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/09/19 06:48
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/06/19 23:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1256777-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
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	25.
2-Chlorophenol	ND		ug/kg	160	20.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/09/19 06:48
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/06/19 23:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1256777-1					
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	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	68		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

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: WG1256777-2 WG1256777-3								
Acenaphthene	58		57		31-137	2		50
Hexachlorobenzene	61		62		40-140	2		50
Bis(2-chloroethyl)ether	51		49		40-140	4		50
2-Chloronaphthalene	60		57		40-140	5		50
3,3'-Dichlorobenzidine	52		53		40-140	2		50
2,4-Dinitrotoluene	64		64		40-132	0		50
2,6-Dinitrotoluene	65		65		40-140	0		50
Fluoranthene	58		58		40-140	0		50
4-Chlorophenyl phenyl ether	59		60		40-140	2		50
4-Bromophenyl phenyl ether	62		63		40-140	2		50
Bis(2-chloroisopropyl)ether	46		45		40-140	2		50
Bis(2-chloroethoxy)methane	54		53		40-117	2		50
Hexachlorobutadiene	62		61		40-140	2		50
Hexachlorocyclopentadiene	60		59		40-140	2		50
Hexachloroethane	53		53		40-140	0		50
Isophorone	52		51		40-140	2		50
Naphthalene	57		54		40-140	5		50
Nitrobenzene	58		56		40-140	4		50
NDPA/DPA	59		59		36-157	0		50
n-Nitrosodi-n-propylamine	52		51		32-121	2		50
Bis(2-ethylhexyl)phthalate	62		63		40-140	2		50
Butyl benzyl phthalate	56		56		40-140	0		50
Di-n-butylphthalate	60		60		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

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: WG1256777-2 WG1256777-3								
Di-n-octylphthalate	59		60		40-140	2		50
Diethyl phthalate	57		57		40-140	0		50
Dimethyl phthalate	58		59		40-140	2		50
Benzo(a)anthracene	59		60		40-140	2		50
Benzo(a)pyrene	60		61		40-140	2		50
Benzo(b)fluoranthene	58		59		40-140	2		50
Benzo(k)fluoranthene	60		60		40-140	0		50
Chrysene	57		58		40-140	2		50
Acenaphthylene	60		59		40-140	2		50
Anthracene	58		59		40-140	2		50
Benzo(ghi)perylene	59		59		40-140	0		50
Fluorene	59		59		40-140	0		50
Phenanthrene	57		57		40-140	0		50
Dibenzo(a,h)anthracene	60		60		40-140	0		50
Indeno(1,2,3-cd)pyrene	61		61		40-140	0		50
Pyrene	57		58		35-142	2		50
Biphenyl	65		63		54-104	3		50
4-Chloroaniline	44		46		40-140	4		50
2-Nitroaniline	66		68		47-134	3		50
3-Nitroaniline	54		55		26-129	2		50
4-Nitroaniline	61		62		41-125	2		50
Dibenzofuran	58		58		40-140	0		50
2-Methylnaphthalene	58		56		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

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: WG1256777-2 WG1256777-3								
1,2,4,5-Tetrachlorobenzene	68		66		40-117	3		50
Acetophenone	58		56		14-144	4		50
2,4,6-Trichlorophenol	64		64		30-130	0		50
p-Chloro-m-cresol	59		59		26-103	0		50
2-Chlorophenol	58		54		25-102	7		50
2,4-Dichlorophenol	60		58		30-130	3		50
2,4-Dimethylphenol	55		54		30-130	2		50
2-Nitrophenol	68		67		30-130	1		50
4-Nitrophenol	54		54		11-114	0		50
2,4-Dinitrophenol	50		48		4-130	4		50
4,6-Dinitro-o-cresol	66		68		10-130	3		50
Pentachlorophenol	50		50		17-109	0		50
Phenol	50		48		26-90	4		50
2-Methylphenol	55		53		30-130.	4		50
3-Methylphenol/4-Methylphenol	55		53		30-130	4		50
2,4,5-Trichlorophenol	64		63		30-130	2		50
Carbazole	57		57		54-128	0		50
Atrazine	75		76		40-140	1		50
Benzaldehyde	58		56		40-140	4		50
Caprolactam	59		59		15-130	0		50
2,3,4,6-Tetrachlorophenol	59		61		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929112

Report Date: 07/11/19

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: WG1256777-2 WG1256777-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		53		25-120
Phenol-d6	56		53		10-120
Nitrobenzene-d5	65		63		23-120
2-Fluorobiphenyl	64		63		30-120
2,4,6-Tribromophenol	69		69		10-136
4-Terphenyl-d14	63		63		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01
Client ID: DOC3A-CELL1-09-190702-1330
Sample Location: ROME, NY
Date Collected: 07/02/19 11:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.52		mg/kg	0.501	0.104	1	07/08/19 23:00	07/09/19 18:27	EPA 3050B	1,6010D	AB
Barium, Total	58.5		mg/kg	0.501	0.087	1	07/08/19 23:00	07/09/19 18:27	EPA 3050B	1,6010D	AB
Cadmium, Total	1.80		mg/kg	0.501	0.049	1	07/08/19 23:00	07/09/19 18:27	EPA 3050B	1,6010D	AB
Chromium, Total	11.7		mg/kg	0.501	0.048	1	07/08/19 23:00	07/09/19 18:27	EPA 3050B	1,6010D	AB
Lead, Total	5.80		mg/kg	2.51	0.134	1	07/08/19 23:00	07/09/19 18:27	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.081	0.053	1	07/06/19 08:00	07/08/19 15:38	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	1.00	0.129	1	07/08/19 23:00	07/09/19 18:27	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.501	0.142	1	07/08/19 23:00	07/09/19 18:27	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02
Client ID: 1234-190702-0001
Sample Location: ROME, NY
Date Collected: 07/02/19 00:00
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.95		mg/kg	0.497	0.103	1	07/08/19 23:00	07/09/19 18:31	EPA 3050B	1,6010D	AB
Barium, Total	58.0		mg/kg	0.497	0.086	1	07/08/19 23:00	07/09/19 18:31	EPA 3050B	1,6010D	AB
Cadmium, Total	1.70		mg/kg	0.497	0.049	1	07/08/19 23:00	07/09/19 18:31	EPA 3050B	1,6010D	AB
Chromium, Total	11.8		mg/kg	0.497	0.048	1	07/08/19 23:00	07/09/19 18:31	EPA 3050B	1,6010D	AB
Lead, Total	5.51		mg/kg	2.48	0.133	1	07/08/19 23:00	07/09/19 18:31	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.080	0.052	1	07/06/19 08:00	07/08/19 15:40	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	0.994	0.128	1	07/08/19 23:00	07/09/19 18:31	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.497	0.140	1	07/08/19 23:00	07/09/19 18:31	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1929112

Project Number: 127887-007 **Report Date:** 07/11/19

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: WG1256656-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/06/19 08:00	07/08/19 14:56	1,7471B	GD

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: WG1257225-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/08/19 23:00	07/09/19 16:29	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	07/08/19 23:00	07/09/19 16:29	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/08/19 23:00	07/09/19 16:29	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/08/19 23:00	07/09/19 16:29	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	07/08/19 23:00	07/09/19 16:29	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/08/19 23:00	07/09/19 16:29	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	07/08/19 23:00	07/09/19 16:29	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1256656-2 SRM Lot Number: D105-540								
Mercury, Total	98		-		60-141	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1257225-2 SRM Lot Number: D105-540								
Arsenic, Total	93		-		70-130	-		
Barium, Total	89		-		75-125	-		
Cadmium, Total	96		-		75-125	-		
Chromium, Total	80		-		70-130	-		
Lead, Total	83		-		71-128	-		
Selenium, Total	94		-		63-137	-		
Silver, Total	82		-		69-131	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

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: WG1256656-3 QC Sample: L1929124-01 Client ID: MS Sample												
Mercury, Total	ND	0.164	0.172	105		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1257225-3 QC Sample: L1928766-01 Client ID: MS Sample												
Arsenic, Total	0.911	10.9	13.4	114		-	-		75-125	-		20
Barium, Total	11.2	182	194	100		-	-		75-125	-		20
Cadmium, Total	0.232J	4.63	4.96	107		-	-		75-125	-		20
Chromium, Total	4.40	18.2	22.1	97		-	-		75-125	-		20
Lead, Total	9.41	46.3	51.8	91		-	-		75-125	-		20
Selenium, Total	ND	10.9	11.8	108		-	-		75-125	-		20
Silver, Total	ND	27.3	27.6	101		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929112

Report Date: 07/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1256656-4 QC Sample: L1929124-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1257225-4 QC Sample: L1928766-01 Client ID: DUP Sample						
Arsenic, Total	0.911	1.56	mg/kg	**53**	Q	20
Barium, Total	11.2	14.4	mg/kg	**25**	Q	20
Cadmium, Total	0.232J	0.276J	mg/kg	NC		20
Chromium, Total	4.40	5.73	mg/kg	**26**	Q	20
Lead, Total	9.41	17.1	mg/kg	**58**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-01
Client ID: DOC3A-CELL1-09-190702-1330
Sample Location: ROME, NY

Date Collected: 07/02/19 11:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.8		%	0.100	NA	1	-	07/03/19 07:47	121,2540G	CG

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

SAMPLE RESULTS

Lab ID: L1929112-02
Client ID: 1234-190702-0001
Sample Location: ROME, NY

Date Collected: 07/02/19 00:00
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	07/03/19 07:47	121,2540G	CG

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929112

Report Date: 07/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1256109-1 QC Sample: L1928941-01 Client ID: DUP Sample						
Solids, Total	83.0	80.8	%	3		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929112
Report Date: 07/11/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929112-01A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW-R2(14)
L1929112-01B	Vial water preserved	A	NA		4.3	Y	Absent	03-JUL-19 13:41	NYTCL-8260HLW-R2(14)
L1929112-01C	Vial water preserved	A	NA		4.3	Y	Absent	03-JUL-19 13:41	NYTCL-8260HLW-R2(14)
L1929112-01D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L1929112-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1929112-01F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14)
L1929112-02A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW-R2(14)
L1929112-02B	Vial water preserved	A	NA		4.3	Y	Absent	03-JUL-19 13:41	NYTCL-8260HLW-R2(14)
L1929112-02C	Vial water preserved	A	NA		4.3	Y	Absent	03-JUL-19 13:41	NYTCL-8260HLW-R2(14)
L1929112-02D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L1929112-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1929112-02F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1929112
Project Number:	127887-007	**Report Date:**	07/11/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1929112
Project Number:	127887-007	**Report Date:**	07/11/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1929112
Project Number: 127887-007 **Report Date:** 07/11/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/3/19

ALPHA Job #: L1929112

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs	Total Solids					Sample Specific Comments	Total Bottles
29112 -01	DOC3A-CELL1-09-190702-1330	7/2/2019	1130	S	DMN	9	1	3	1	1					N	6
-02	1234-190702-0001						1	3	1	1					FD	6

Container Type	A	A	A	P			
Preservative	A	F	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
	7/2/19 1620		7/2/19 1620
	7/2/19 1620		7/3/19 0210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1929540
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/15/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929540-01	DOC3A-CELLA-09-190708-1205	SOIL	ROME, NY	07/08/19 12:05	07/08/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1929540
Project Number:	127887-007	**Report Date:**	07/15/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: LOT 3A IRM **Lab Number:** L1929540
Project Number: 127887-007 **Report Date:** 07/15/19

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

L1929540-01 (DOC3A-CELLA-09-190708-1205): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1259092-10/-11 LCS/LCSD recoveries, associated with L1929540-01 (DOC3A-CELLA-09-190708-1205), are below the individual acceptance criteria for trichlorofluoromethane (58%/59%) and bromomethane (55%/55%), but within the overall method allowances. The results of the associated sample are reported; however, all results are considered to have a potentially low bias for these compounds.

Semivolatile Organics

The WG1258288-2 LCS recoveries, associated with L1929540-01 (DOC3A-CELLA-09-190708-1205), are above the individual acceptance criteria for biphenyl (107%), p-chloro-m-cresol (112%), 2-chlorophenol (103%), 4-nitrophenol (116%) and phenol (103%), but within the overall method allowances. The results of the associated sample are reported; however, all positive detects are considered to have a potentially high bias for these compounds.

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: Michelle M. Morris

Title: Technical Director/Representative Date: 07/15/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1929540

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929540-01 D
Client ID: DOC3A-CELLA-09-190708-1205
Sample Location: ROME, NY

Date Collected: 07/08/19 12:05
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/12/19 01:13
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	540	250	2
1,1-Dichloroethane	ND		ug/kg	110	16.	2
Chloroform	ND		ug/kg	160	15.	2
Carbon tetrachloride	ND		ug/kg	110	25.	2
1,2-Dichloropropane	ND		ug/kg	110	13.	2
Dibromochloromethane	ND		ug/kg	110	15.	2
1,1,2-Trichloroethane	ND		ug/kg	110	29.	2
Tetrachloroethene	ND		ug/kg	54	21.	2
Chlorobenzene	ND		ug/kg	54	14.	2
Trichlorofluoromethane	ND		ug/kg	430	75.	2
1,2-Dichloroethane	ND		ug/kg	110	28.	2
1,1,1-Trichloroethane	ND		ug/kg	54	18.	2
Bromodichloromethane	ND		ug/kg	54	12.	2
trans-1,3-Dichloropropene	ND		ug/kg	110	29.	2
cis-1,3-Dichloropropene	ND		ug/kg	54	17.	2
1,3-Dichloropropene, Total	ND		ug/kg	54	17.	2
Bromoform	ND		ug/kg	430	26.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	54	18.	2
Benzene	27	J	ug/kg	54	18.	2
Toluene	100	J	ug/kg	110	58.	2
Ethylbenzene	98	J	ug/kg	110	15.	2
Chloromethane	ND		ug/kg	430	100	2
Bromomethane	ND		ug/kg	220	63.	2
Vinyl chloride	ND		ug/kg	110	36.	2
Chloroethane	ND		ug/kg	220	49.	2
1,1-Dichloroethene	ND		ug/kg	110	26.	2
trans-1,2-Dichloroethene	ND		ug/kg	160	15.	2
Trichloroethene	ND		ug/kg	54	15.	2

Project Name: LOT 3A IRM **Lab Number:** L1929540

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929540-01 D Date Collected: 07/08/19 12:05

Client ID: DOC3A-CELLA-09-190708-1205 Date Received: 07/08/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	220	16.	2
1,3-Dichlorobenzene	ND		ug/kg	220	16.	2
1,4-Dichlorobenzene	ND		ug/kg	220	18.	2
Methyl tert butyl ether	ND		ug/kg	220	22.	2
p/m-Xylene	170	J	ug/kg	220	60.	2
o-Xylene	75	J	ug/kg	110	31.	2
Xylenes, Total	250	J	ug/kg	110	31.	2
cis-1,2-Dichloroethene	ND		ug/kg	110	19.	2
1,2-Dichloroethene, Total	ND		ug/kg	110	15.	2
Styrene	ND		ug/kg	110	21.	2
Dichlorodifluoromethane	ND		ug/kg	1100	99.	2
Acetone	ND		ug/kg	1100	520	2
Carbon disulfide	ND		ug/kg	1100	490	2
2-Butanone	ND		ug/kg	1100	240	2
4-Methyl-2-pentanone	ND		ug/kg	1100	140	2
2-Hexanone	ND		ug/kg	1100	130	2
Bromochloromethane	ND		ug/kg	220	22.	2
1,2-Dibromoethane	ND		ug/kg	110	30.	2
n-Butylbenzene	ND		ug/kg	110	18.	2
sec-Butylbenzene	ND		ug/kg	110	16.	2
tert-Butylbenzene	ND		ug/kg	220	13.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	320	110	2
Isopropylbenzene	ND		ug/kg	110	12.	2
p-Isopropyltoluene	ND		ug/kg	110	12.	2
Naphthalene	23000		ug/kg	430	70.	2
n-Propylbenzene	ND		ug/kg	110	18.	2
1,2,3-Trichlorobenzene	ND		ug/kg	220	35.	2
1,2,4-Trichlorobenzene	ND		ug/kg	220	29.	2
1,3,5-Trimethylbenzene	24	J	ug/kg	220	21.	2
1,2,4-Trimethylbenzene	100	J	ug/kg	220	36.	2
Methyl Acetate	ND		ug/kg	430	100	2
Cyclohexane	ND		ug/kg	1100	59.	2
1,4-Dioxane	ND		ug/kg	8600	3800	2
Freon-113	ND		ug/kg	430	75.	2
Methyl cyclohexane	ND		ug/kg	430	65.	2

Project Name: LOT 3A IRM **Lab Number:** L1929540

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929540-01 D Date Collected: 07/08/19 12:05

Client ID: DOC3A-CELLA-09-190708-1205 Date Received: 07/08/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	95		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/19 17:44
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259092-12					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/19 17:44
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259092-12					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	10	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/19 17:44
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259092-12					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

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: WG1259092-10 WG1259092-11								
Methylene chloride	98		100		70-130	2		30
1,1-Dichloroethane	105		109		70-130	4		30
Chloroform	97		103		70-130	6		30
Carbon tetrachloride	89		91		70-130	2		30
1,2-Dichloropropane	103		106		70-130	3		30
Dibromochloromethane	93		96		70-130	3		30
1,1,2-Trichloroethane	101		105		70-130	4		30
Tetrachloroethene	93		94		70-130	1		30
Chlorobenzene	95		97		70-130	2		30
Trichlorofluoromethane	**58**	Q	**59**	Q	70-139	2		30
1,2-Dichloroethane	100		103		70-130	3		30
1,1,1-Trichloroethane	98		100		70-130	2		30
Bromodichloromethane	95		98		70-130	3		30
trans-1,3-Dichloropropene	105		109		70-130	4		30
cis-1,3-Dichloropropene	97		100		70-130	3		30
Bromoform	91		94		70-130	3		30
1,1,2,2-Tetrachloroethane	105		108		70-130	3		30
Benzene	97		99		70-130	2		30
Toluene	100		103		70-130	3		30
Ethylbenzene	101		103		70-130	2		30
Chloromethane	114		112		52-130	2		30
Bromomethane	**55**	Q	**55**	Q	57-147	0		30
Vinyl chloride	81		82		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

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: WG1259092-10 WG1259092-11								
Chloroethane	67		67		50-151	0		30
1,1-Dichloroethene	100		104		65-135	4		30
trans-1,2-Dichloroethene	96		99		70-130	3		30
Trichloroethene	94		96		70-130	2		30
1,2-Dichlorobenzene	94		96		70-130	2		30
1,3-Dichlorobenzene	96		98		70-130	2		30
1,4-Dichlorobenzene	95		97		70-130	2		30
Methyl tert butyl ether	99		103		66-130	4		30
p/m-Xylene	96		98		70-130	2		30
o-Xylene	95		96		70-130	1		30
cis-1,2-Dichloroethene	94		96		70-130	2		30
Styrene	93		96		70-130	3		30
Dichlorodifluoromethane	78		79		30-146	1		30
Acetone	116		132		54-140	13		30
Carbon disulfide	95		99		59-130	4		30
2-Butanone	109		118		70-130	8		30
4-Methyl-2-pentanone	113		115		70-130	2		30
2-Hexanone	115		120		70-130	4		30
Bromochloromethane	86		90		70-130	5		30
1,2-Dibromoethane	95		98		70-130	3		30
n-Butylbenzene	108		108		70-130	0		30
sec-Butylbenzene	105		108		70-130	3		30
tert-Butylbenzene	102		104		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

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: WG1259092-10 WG1259092-11								
1,2-Dibromo-3-chloropropane	89		88		68-130	1		30
Isopropylbenzene	105		106		70-130	1		30
p-Isopropyltoluene	102		104		70-130	2		30
Naphthalene	97		97		70-130	0		30
n-Propylbenzene	107		110		70-130	3		30
1,2,3-Trichlorobenzene	93		94		70-130	1		30
1,2,4-Trichlorobenzene	93		93		70-130	0		30
1,3,5-Trimethylbenzene	105		106		70-130	1		30
1,2,4-Trimethylbenzene	104		106		70-130	2		30
Methyl Acetate	110		116		51-146	5		30
Cyclohexane	109		111		59-142	2		30
1,4-Dioxane	108		119		65-136	10		30
Freon-113	95		98		50-139	3		30
Methyl cyclohexane	92		95		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		106		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	114		114		70-130
Dibromofluoromethane	95		97		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929540
Report Date: 07/15/19

SAMPLE RESULTS

Lab ID: L1929540-01
Client ID: DOC3A-CELLA-09-190708-1205
Sample Location: ROME, NY

Date Collected: 07/08/19 12:05
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/12/19 03:43
Analyst: RC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/10/19 19:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	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	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	84	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	2200		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: LOT 3A IRM **Lab Number:** L1929540

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929540-01 Date Collected: 07/08/19 12:05

Client ID: DOC3A-CELLA-09-190708-1205 Date Received: 07/08/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	120	J	ug/kg	190	19.	1
Phenanthrene	260		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	56	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	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	80.	1
Dibenzofuran	130	J	ug/kg	190	18.	1
2-Methylnaphthalene	120	J	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	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	59	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: LOT 3A IRM **Lab Number:** L1929540

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929540-01 Date Collected: 07/08/19 12:05

Client ID: DOC3A-CELLA-09-190708-1205 Date Received: 07/08/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	36		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/19 21:38
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/10/19 19:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1258288-1					
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	43.
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	17.
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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
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	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/19 21:38
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/10/19 19:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1258288-1					
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	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/19 21:38
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/10/19 19:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1258288-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	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	73		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	83		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

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: WG1258288-2 WG1258288-3								
Acenaphthene	96		76		31-137	23		50
Hexachlorobenzene	98		78		40-140	23		50
Bis(2-chloroethyl)ether	95		80		40-140	17		50
2-Chloronaphthalene	101		83		40-140	20		50
3,3'-Dichlorobenzidine	81		68		40-140	17		50
2,4-Dinitrotoluene	108		84		40-132	25		50
2,6-Dinitrotoluene	111		91		40-140	20		50
Fluoranthene	98		78		40-140	23		50
4-Chlorophenyl phenyl ether	100		80		40-140	22		50
4-Bromophenyl phenyl ether	103		83		40-140	22		50
Bis(2-chloroisopropyl)ether	97		80		40-140	19		50
Bis(2-chloroethoxy)methane	103		83		40-117	22		50
Hexachlorobutadiene	93		77		40-140	19		50
Hexachlorocyclopentadiene	99		79		40-140	22		50
Hexachloroethane	95		78		40-140	20		50
Isophorone	103		84		40-140	20		50
Naphthalene	95		78		40-140	20		50
Nitrobenzene	100		82		40-140	20		50
NDPA/DPA	105		81		36-157	26		50
n-Nitrosodi-n-propylamine	103		85		32-121	19		50
Bis(2-ethylhexyl)phthalate	115		91		40-140	23		50
Butyl benzyl phthalate	105		83		40-140	23		50
Di-n-butylphthalate	105		84		40-140	22		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

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: WG1258288-2 WG1258288-3								
Di-n-octylphthalate	112		89		40-140	23		50
Diethyl phthalate	102		80		40-140	24		50
Dimethyl phthalate	110		89		40-140	21		50
Benzo(a)anthracene	100		80		40-140	22		50
Benzo(a)pyrene	99		81		40-140	20		50
Benzo(b)fluoranthene	96		76		40-140	23		50
Benzo(k)fluoranthene	98		80		40-140	20		50
Chrysene	95		76		40-140	22		50
Acenaphthylene	105		85		40-140	21		50
Anthracene	99		78		40-140	24		50
Benzo(ghi)perylene	97		76		40-140	24		50
Fluorene	102		79		40-140	25		50
Phenanthrene	96		75		40-140	25		50
Dibenzo(a,h)anthracene	97		76		40-140	24		50
Indeno(1,2,3-cd)pyrene	99		77		40-140	25		50
Pyrene	98		77		35-142	24		50
Biphenyl	**107**	Q	88		54-104	19		50
4-Chloroaniline	66		54		40-140	20		50
2-Nitroaniline	109		88		47-134	21		50
3-Nitroaniline	83		68		26-129	20		50
4-Nitroaniline	110		86		41-125	24		50
Dibenzofuran	98		77		40-140	24		50
2-Methylnaphthalene	96		79		40-140	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

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: WG1258288-2 WG1258288-3								
1,2,4,5-Tetrachlorobenzene	106		87		40-117	20		50
Acetophenone	105		87		14-144	19		50
2,4,6-Trichlorophenol	108		89		30-130	19		50
p-Chloro-m-cresol	**112**	Q	90		26-103	22		50
2-Chlorophenol	**103**	Q	85		25-102	19		50
2,4-Dichlorophenol	111		90		30-130	21		50
2,4-Dimethylphenol	113		94		30-130	18		50
2-Nitrophenol	106		87		30-130	20		50
4-Nitrophenol	**116**	Q	88		11-114	27		50
2,4-Dinitrophenol	90		74		4-130	20		50
4,6-Dinitro-o-cresol	114		88		10-130	26		50
Pentachlorophenol	104		82		17-109	24		50
Phenol	**103**	Q	84		26-90	20		50
2-Methylphenol	107		86		30-130.	22		50
3-Methylphenol/4-Methylphenol	109		88		30-130	21		50
2,4,5-Trichlorophenol	113		92		30-130	20		50
Carbazole	98		77		54-128	24		50
Atrazine	121		96		40-140	23		50
Benzaldehyde	94		83		40-140	12		50
Caprolactam	125		102		15-130	20		50
2,3,4,6-Tetrachlorophenol	100		80		40-140	22		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929540

Report Date: 07/15/19

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: WG1258288-2 WG1258288-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	106		88		25-120
Phenol-d6	109		90		10-120
Nitrobenzene-d5	107		88		23-120
2-Fluorobiphenyl	108		89		30-120
2,4,6-Tribromophenol	109		84		10-136
4-Terphenyl-d14	108		86		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929540
Report Date: 07/15/19

SAMPLE RESULTS

Lab ID: L1929540-01
Client ID: DOC3A-CELLA-09-190708-1205
Sample Location: ROME, NY
Date Collected: 07/08/19 12:05
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.30		mg/kg	0.440	0.092	1	07/09/19 10:30	07/09/19 14:43	EPA 3050B	1,6010D	LC
Barium, Total	40.1		mg/kg	0.440	0.077	1	07/09/19 10:30	07/09/19 14:43	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.440	0.043	1	07/09/19 10:30	07/09/19 14:43	EPA 3050B	1,6010D	LC
Chromium, Total	9.12		mg/kg	0.440	0.042	1	07/09/19 10:30	07/09/19 14:43	EPA 3050B	1,6010D	LC
Lead, Total	4.25		mg/kg	2.20	0.118	1	07/09/19 10:30	07/09/19 14:43	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.073	0.048	1	07/09/19 07:45	07/09/19 13:57	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	0.880	0.114	1	07/09/19 10:30	07/09/19 14:43	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.440	0.124	1	07/09/19 10:30	07/09/19 14:43	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1929540

Project Number: 127887-007 **Report Date:** 07/15/19

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: WG1257399-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/09/19 07:45	07/09/19 12:39	1,7471B	GD

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 Batch: WG1257421-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/09/19 10:30	07/09/19 12:13	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/09/19 10:30	07/09/19 12:13	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/09/19 10:30	07/09/19 12:13	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/09/19 10:30	07/09/19 12:13	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/09/19 10:30	07/09/19 12:13	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/09/19 10:30	07/09/19 12:13	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/09/19 10:30	07/09/19 12:13	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1257399-2 SRM Lot Number: D105-540								
Mercury, Total	100		-		60-141	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1257421-2 SRM Lot Number: D105-540								
Arsenic, Total	96		-		70-130	-		
Barium, Total	89		-		75-125	-		
Cadmium, Total	87		-		75-125	-		
Chromium, Total	87		-		70-130	-		
Lead, Total	87		-		71-128	-		
Selenium, Total	96		-		63-137	-		
Silver, Total	92		-		69-131	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

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 QC Batch ID: WG1257399-3 WG1257399-4 QC Sample: L1929556-07 Client ID: MS Sample												
Mercury, Total	ND	0.158	0.165	104		0.151	95		80-120	9		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257421-3 WG1257421-4 QC Sample: L1929556-07 Client ID: MS Sample												
Arsenic, Total	ND	11.9	12.4	104		12.4	105		75-125	0		20
Barium, Total	17.2	198	203	94		209	98		75-125	3		20
Cadmium, Total	ND	5.05	4.49	89		4.51	90		75-125	0		20
Chromium, Total	10.2	19.8	28.8	94		30.7	104		75-125	6		20
Lead, Total	1.50J	50.5	49.0	97		49.7	99		75-125	1		20
Selenium, Total	ND	11.9	11.3	95		11.9	101		75-125	5		20
Silver, Total	ND	29.7	28.4	96		28.9	98		75-125	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

SAMPLE RESULTS

Lab ID: L1929540-01
Client ID: DOC3A-CELLA-09-190708-1205
Sample Location: ROME, NY

Date Collected: 07/08/19 12:05
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/09/19 03:27	121,2540G	YA

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929540

Report Date: 07/15/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1257335-1 QC Sample: L1929537-05 Client ID: DUP Sample						
Solids, Total	66.5	61.8	%	7		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929540
Report Date: 07/15/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929540-01A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1929540-01B	Vial water preserved	A	NA		4.2	Y	Absent	09-JUL-19 03:19	NYTCL-8260HLW-R2(14)
L1929540-01C	Vial water preserved	A	NA		4.2	Y	Absent	09-JUL-19 03:19	NYTCL-8260HLW-R2(14)
L1929540-01D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1929540-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1929540-01F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1929540
Project Number:	127887-007	**Report Date:**	07/15/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1929540
Project Number:	127887-007	**Report Date:**	07/15/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1929540
Project Number: 127887-007 **Report Date:** 07/15/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/08/19

ALPHA Job #: L1929540

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
29540-01	DOC3A-CELLA-09-190708-1205	7/8/2019	12:05	SO	PF	9	X	X	X							
															TOTAL BOTTLES 6	
						Container Type	A	V	A							
						Preservative	A	AF	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[illegible]	7/8/19 1630	[illegible]	7/8/19 1630
[illegible]	7/8/19 1630	[illegible]	7/8/19 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1929831
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/15/19

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929831-01	DOC3A-CELL 2A/B3-10-190709-1515	SOIL	ROME, NY	07/09/19 15:15	07/09/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1929831
Project Number:	127887-007	**Report Date:**	07/15/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1929831
Project Number:	127887-007	**Report Date:**	07/15/19

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

L1929831-01 (DOC3A-CELL 2A/B3-10-190709-1515): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1259125-3/-4 LCS/LCSD recoveries, associated with L1929831-01 (DOC3A-CELL 2A/B3-10-190709-1515), are below the individual acceptance criteria for trichlorofluoromethane (58%/58%) and bromomethane (54%/54%), but within the overall method allowances. The results of the associated samples are reported; however, all results are considered to have a potentially low for these compounds.

Total Metals

The WG1259321-3 MS recovery, performed on L1929831-01 (DOC3A-CELL 2A/B3-10-190709-1515), is outside the acceptance criteria for arsenic (141%). A post digestion spike was performed and was within acceptance criteria.

The WG1259321-3 MS recoveries, performed on L1929831-01 (DOC3A-CELL 2A/B3-10-190709-1515), are outside the acceptance criteria for cadmium (62%), chromium (74%) and lead (67%). A post digestion spike was performed and yielded unacceptable recoveries for cadmium (59%), chromium (64%) and lead (64%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1259321-4 Laboratory Duplicate RPD for arsenic (31%), performed on L1929831-01 (DOC3A-CELL 2A/B3-10-190709-1515), is outside the acceptance criteria. 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: Amita Naik

Title: Technical Director/Representative Date: 07/15/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1929831

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929831-01 D
Client ID: DOC3A-CELL 2A/B3-10-190709-1515
Sample Location: ROME, NY

Date Collected: 07/09/19 15:15
Date Received: 07/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/12/19 16:05
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	730	340	2.5
1,1-Dichloroethane	ND		ug/kg	150	21.	2.5
Chloroform	ND		ug/kg	220	20.	2.5
Carbon tetrachloride	ND		ug/kg	150	34.	2.5
1,2-Dichloropropane	ND		ug/kg	150	18.	2.5
Dibromochloromethane	ND		ug/kg	150	20.	2.5
1,1,2-Trichloroethane	ND		ug/kg	150	39.	2.5
Tetrachloroethene	ND		ug/kg	73	29.	2.5
Chlorobenzene	ND		ug/kg	73	19.	2.5
Trichlorofluoromethane	ND		ug/kg	590	100	2.5
1,2-Dichloroethane	ND		ug/kg	150	38.	2.5
1,1,1-Trichloroethane	ND		ug/kg	73	24.	2.5
Bromodichloromethane	ND		ug/kg	73	16.	2.5
trans-1,3-Dichloropropene	ND		ug/kg	150	40.	2.5
cis-1,3-Dichloropropene	ND		ug/kg	73	23.	2.5
1,3-Dichloropropene, Total	ND		ug/kg	73	23.	2.5
Bromoform	ND		ug/kg	590	36.	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	73	24.	2.5
Benzene	ND		ug/kg	73	24.	2.5
Toluene	ND		ug/kg	150	80.	2.5
Ethylbenzene	64	J	ug/kg	150	21.	2.5
Chloromethane	ND		ug/kg	590	140	2.5
Bromomethane	ND		ug/kg	290	85.	2.5
Vinyl chloride	ND		ug/kg	150	49.	2.5
Chloroethane	ND		ug/kg	290	66.	2.5
1,1-Dichloroethene	ND		ug/kg	150	35.	2.5
trans-1,2-Dichloroethene	ND		ug/kg	220	20.	2.5
Trichloroethene	ND		ug/kg	73	20.	2.5

Project Name: LOT 3A IRM **Lab Number:** L1929831

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929831-01 D Date Collected: 07/09/19 15:15

Client ID: DOC3A-CELL 2A/B3-10-190709-1515 Date Received: 07/09/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	290	21.	2.5
1,3-Dichlorobenzene	ND		ug/kg	290	22.	2.5
1,4-Dichlorobenzene	ND		ug/kg	290	25.	2.5
Methyl tert butyl ether	ND		ug/kg	290	29.	2.5
p/m-Xylene	98	J	ug/kg	290	82.	2.5
o-Xylene	ND		ug/kg	150	43.	2.5
Xylenes, Total	98	J	ug/kg	150	43.	2.5
cis-1,2-Dichloroethene	ND		ug/kg	150	26.	2.5
1,2-Dichloroethene, Total	ND		ug/kg	150	20.	2.5
Styrene	ND		ug/kg	150	29.	2.5
Dichlorodifluoromethane	ND		ug/kg	1500	130	2.5
Acetone	ND		ug/kg	1500	710	2.5
Carbon disulfide	ND		ug/kg	1500	670	2.5
2-Butanone	ND		ug/kg	1500	320	2.5
4-Methyl-2-pentanone	ND		ug/kg	1500	190	2.5
2-Hexanone	ND		ug/kg	1500	170	2.5
Bromochloromethane	ND		ug/kg	290	30.	2.5
1,2-Dibromoethane	ND		ug/kg	150	41.	2.5
n-Butylbenzene	ND		ug/kg	150	24.	2.5
sec-Butylbenzene	ND		ug/kg	150	21.	2.5
tert-Butylbenzene	ND		ug/kg	290	17.	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	440	150	2.5
Isopropylbenzene	ND		ug/kg	150	16.	2.5
p-Isopropyltoluene	ND		ug/kg	150	16.	2.5
Naphthalene	30000		ug/kg	590	95.	2.5
n-Propylbenzene	ND		ug/kg	150	25.	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	290	47.	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	290	40.	2.5
1,3,5-Trimethylbenzene	80	J	ug/kg	290	28.	2.5
1,2,4-Trimethylbenzene	160	J	ug/kg	290	49.	2.5
Methyl Acetate	ND		ug/kg	590	140	2.5
Cyclohexane	ND		ug/kg	1500	80.	2.5
1,4-Dioxane	ND		ug/kg	12000	5200	2.5
Freon-113	ND		ug/kg	590	100	2.5
Methyl cyclohexane	ND		ug/kg	590	88.	2.5

Project Name: LOT 3A IRM **Lab Number:** L1929831

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929831-01 D Date Collected: 07/09/19 15:15

Client ID: DOC3A-CELL 2A/B3-10-190709-1515 Date Received: 07/09/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	97		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/19 08:05
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259125-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/19 08:05
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259125-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/19 08:05
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259125-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

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: WG1259125-3 WG1259125-4								
Methylene chloride	98		97		70-130	1		30
1,1-Dichloroethane	109		107		70-130	2		30
Chloroform	99		102		70-130	3		30
Carbon tetrachloride	89		88		70-130	1		30
1,2-Dichloropropane	107		105		70-130	2		30
Dibromochloromethane	97		97		70-130	0		30
1,1,2-Trichloroethane	104		107		70-130	3		30
Tetrachloroethene	92		92		70-130	0		30
Chlorobenzene	96		96		70-130	0		30
Trichlorofluoromethane	**58**	Q	**58**	Q	70-139	0		30
1,2-Dichloroethane	104		103		70-130	1		30
1,1,1-Trichloroethane	99		97		70-130	2		30
Bromodichloromethane	98		97		70-130	1		30
trans-1,3-Dichloropropene	108		108		70-130	0		30
cis-1,3-Dichloropropene	101		100		70-130	1		30
Bromoform	95		94		70-130	1		30
1,1,2,2-Tetrachloroethane	110		110		70-130	0		30
Benzene	100		98		70-130	2		30
Toluene	101		101		70-130	0		30
Ethylbenzene	101		101		70-130	0		30
Chloromethane	112		114		52-130	2		30
Bromomethane	**54**	Q	**54**	Q	57-147	0		30
Vinyl chloride	81		81		67-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

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: WG1259125-3 WG1259125-4								
Chloroethane	67		67		50-151	0		30
1,1-Dichloroethene	102		101		65-135	1		30
trans-1,2-Dichloroethene	99		97		70-130	2		30
Trichloroethene	97		94		70-130	3		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,3-Dichlorobenzene	97		93		70-130	4		30
1,4-Dichlorobenzene	97		93		70-130	4		30
Methyl tert butyl ether	103		103		66-130	0		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	97		96		70-130	1		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	81		80		30-146	1		30
Acetone	119		117		54-140	2		30
Carbon disulfide	98		98		59-130	0		30
2-Butanone	118		110		70-130	7		30
4-Methyl-2-pentanone	110		114		70-130	4		30
2-Hexanone	116		117		70-130	1		30
Bromochloromethane	93		93		70-130	0		30
1,2-Dibromoethane	98		99		70-130	1		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	105		102		70-130	3		30
tert-Butylbenzene	101		99		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

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: WG1259125-3 WG1259125-4								
1,2-Dibromo-3-chloropropane	90		91		68-130	1		30
Isopropylbenzene	104		101		70-130	3		30
p-Isopropyltoluene	101		99		70-130	2		30
Naphthalene	97		94		70-130	3		30
n-Propylbenzene	107		104		70-130	3		30
1,2,3-Trichlorobenzene	94		89		70-130	5		30
1,2,4-Trichlorobenzene	91		88		70-130	3		30
1,3,5-Trimethylbenzene	104		102		70-130	2		30
1,2,4-Trimethylbenzene	105		102		70-130	3		30
Methyl Acetate	117		121		51-146	3		30
Cyclohexane	108		107		59-142	1		30
1,4-Dioxane	112		118		65-136	5		30
Freon-113	97		96		50-139	1		30
Methyl cyclohexane	93		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		108		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	113		112		70-130
Dibromofluoromethane	97		97		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929831
Report Date: 07/15/19

SAMPLE RESULTS

Lab ID: L1929831-01
Client ID: DOC3A-CELL 2A/B3-10-190709-1515
Sample Location: ROME, NY

Date Collected: 07/09/19 15:15
Date Received: 07/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/15/19 02:49
Analyst: ALS
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/13/19 06:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3000		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	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1400		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	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	6600		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	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	260		ug/kg	120	22.	1
Benzo(a)pyrene	110	J	ug/kg	160	48.	1

Project Name: LOT 3A IRM **Lab Number:** L1929831

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929831-01 Date Collected: 07/09/19 15:15

Client ID: DOC3A-CELL 2A/B3-10-190709-1515 Date Received: 07/09/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	140		ug/kg	120	33.	1
Benzo(k)fluoranthene	52	J	ug/kg	120	32.	1
Chrysene	190		ug/kg	120	20.	1
Acenaphthylene	230		ug/kg	160	30.	1
Anthracene	500		ug/kg	120	38.	1
Benzo(ghi)perylene	41	J	ug/kg	160	23.	1
Fluorene	2800		ug/kg	200	19.	1
Phenanthrene	5600		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	51	J	ug/kg	160	27.	1
Pyrene	910		ug/kg	120	20.	1
Biphenyl	870		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	2900		ug/kg	200	19.	1
2-Methylnaphthalene	2700		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	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	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	1400		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: LOT 3A IRM **Lab Number:** L1929831

Project Number: 127887-007 **Report Date:** 07/15/19

SAMPLE RESULTS

Lab ID: L1929831-01 Date Collected: 07/09/19 15:15

Client ID: DOC3A-CELL 2A/B3-10-190709-1515 Date Received: 07/09/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	77		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 20:05
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 01:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259429-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 20:05
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 01:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259429-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 20:05
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 01:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1259429-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
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	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	98		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

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: WG1259429-2 WG1259429-3								
Acenaphthene	85		89		31-137	5		50
Hexachlorobenzene	87		94		40-140	8		50
Bis(2-chloroethyl)ether	78		84		40-140	7		50
2-Chloronaphthalene	88		92		40-140	4		50
3,3'-Dichlorobenzidine	63		67		40-140	6		50
2,4-Dinitrotoluene	95		100		40-132	5		50
2,6-Dinitrotoluene	96		101		40-140	5		50
Fluoranthene	88		99		40-140	12		50
4-Chlorophenyl phenyl ether	88		91		40-140	3		50
4-Bromophenyl phenyl ether	87		93		40-140	7		50
Bis(2-chloroisopropyl)ether	78		83		40-140	6		50
Bis(2-chloroethoxy)methane	88		92		40-117	4		50
Hexachlorobutadiene	76		83		40-140	9		50
Hexachlorocyclopentadiene	82		94		40-140	14		50
Hexachloroethane	71		79		40-140	11		50
Isophorone	92		98		40-140	6		50
Naphthalene	79		84		40-140	6		50
Nitrobenzene	87		94		40-140	8		50
NDPA/DPA	91		95		36-157	4		50
n-Nitrosodi-n-propylamine	90		96		32-121	6		50
Bis(2-ethylhexyl)phthalate	82		87		40-140	6		50
Butyl benzyl phthalate	82		95		40-140	15		50
Di-n-butylphthalate	92		100		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

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: WG1259429-2 WG1259429-3								
Di-n-octylphthalate	90		95		40-140	5		50
Diethyl phthalate	90		94		40-140	4		50
Dimethyl phthalate	94		99		40-140	5		50
Benzo(a)anthracene	88		92		40-140	4		50
Benzo(a)pyrene	100		104		40-140	4		50
Benzo(b)fluoranthene	90		95		40-140	5		50
Benzo(k)fluoranthene	89		94		40-140	5		50
Chrysene	80		85		40-140	6		50
Acenaphthylene	94		98		40-140	4		50
Anthracene	91		96		40-140	5		50
Benzo(ghi)perylene	90		95		40-140	5		50
Fluorene	90		93		40-140	3		50
Phenanthrene	85		89		40-140	5		50
Dibenzo(a,h)anthracene	90		94		40-140	4		50
Indeno(1,2,3-cd)pyrene	95		99		40-140	4		50
Pyrene	85		95		35-142	11		50
Biphenyl	96		99		54-104	3		50
4-Chloroaniline	74		73		40-140	1		50
2-Nitroaniline	99		105		47-134	6		50
3-Nitroaniline	83		89		26-129	7		50
4-Nitroaniline	90		100		41-125	11		50
Dibenzofuran	86		90		40-140	5		50
2-Methylnaphthalene	86		90		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

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: WG1259429-2 WG1259429-3								
1,2,4,5-Tetrachlorobenzene	90		94		40-117	4		50
Acetophenone	95		101		14-144	6		50
2,4,6-Trichlorophenol	99		107		30-130	8		50
p-Chloro-m-cresol	98		103		26-103	5		50
2-Chlorophenol	85		91		25-102	7		50
2,4-Dichlorophenol	97		103		30-130	6		50
2,4-Dimethylphenol	98		102		30-130	4		50
2-Nitrophenol	97		103		30-130	6		50
4-Nitrophenol	90		104		11-114	14		50
2,4-Dinitrophenol	93		113		4-130	19		50
4,6-Dinitro-o-cresol	92		108		10-130	16		50
Pentachlorophenol	88		105		17-109	18		50
Phenol	80		86		26-90	7		50
2-Methylphenol	91		96		30-130.	5		50
3-Methylphenol/4-Methylphenol	91		97		30-130	6		50
2,4,5-Trichlorophenol	98		107		30-130	9		50
Carbazole	86		96		54-128	11		50
Atrazine	109		119		40-140	9		50
Benzaldehyde	88		99		40-140	12		50
Caprolactam	115		123		15-130	7		50
2,3,4,6-Tetrachlorophenol	86		95		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929831

Report Date: 07/15/19

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: WG1259429-2 WG1259429-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		86		25-120
Phenol-d6	85		90		10-120
Nitrobenzene-d5	91		96		23-120
2-Fluorobiphenyl	87		90		30-120
2,4,6-Tribromophenol	88		98		10-136
4-Terphenyl-d14	82		94		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929831
Report Date: 07/15/19

SAMPLE RESULTS

Lab ID: L1929831-01
Client ID: DOC3A-CELL 2A/B3-10-190709-1515
Sample Location: ROME, NY
Date Collected: 07/09/19 15:15
Date Received: 07/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.38		mg/kg	0.463	0.096	1	07/12/19 18:00	07/15/19 13:39	EPA 3050B	1,6010D	LC
Barium, Total	80.1		mg/kg	0.463	0.081	1	07/12/19 18:00	07/15/19 13:39	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.463	0.045	1	07/12/19 18:00	07/15/19 13:39	EPA 3050B	1,6010D	LC
Chromium, Total	13.4		mg/kg	0.463	0.045	1	07/12/19 18:00	07/15/19 13:39	EPA 3050B	1,6010D	LC
Lead, Total	6.33		mg/kg	2.32	0.124	1	07/12/19 18:00	07/15/19 13:39	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.076	0.050	1	07/11/19 06:00	07/11/19 16:36	EPA 7471B	1,7471B	GD
Selenium, Total	0.153	J	mg/kg	0.927	0.120	1	07/12/19 18:00	07/15/19 13:39	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.463	0.131	1	07/12/19 18:00	07/15/19 13:39	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1929831

Project Number: 127887-007 **Report Date:** 07/15/19

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: WG1258407-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/11/19 06:00	07/11/19 15:36	1,7471B	GD

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 Batch: WG1259321-1										
Arsenic, Total	0.088	J	mg/kg	0.400	0.083	1	07/12/19 18:00	07/15/19 13:30	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/12/19 18:00	07/15/19 13:30	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/12/19 18:00	07/15/19 13:30	1,6010D	LC
Chromium, Total	0.084	J	mg/kg	0.400	0.038	1	07/12/19 18:00	07/15/19 13:30	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/12/19 18:00	07/15/19 13:30	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/12/19 18:00	07/15/19 13:30	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/12/19 18:00	07/15/19 13:30	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1258407-2 SRM Lot Number: D105-540								
Mercury, Total	76		-		60-141	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1259321-2 SRM Lot Number: D105-540								
Arsenic, Total	97		-		70-130	-		
Barium, Total	95		-		75-125	-		
Cadmium, Total	113		-		75-125	-		
Chromium, Total	83		-		70-130	-		
Lead, Total	82		-		71-128	-		
Selenium, Total	98		-		63-137	-		
Silver, Total	87		-		69-131	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

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 QC Batch ID: WG1258407-3 QC Sample: L1929825-01 Client ID: MS Sample												
Mercury, Total	ND	0.143	0.123	86		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1259321-3 QC Sample: L1929831-01 Client ID: DOC3A-CELL 2A/B3-10-190709-1515												
Arsenic, Total	4.38	11.1	20.1	**141**	Q	-	-		75-125	-		20
Barium, Total	80.1	186	232	82		-	-		75-125	-		20
Cadmium, Total	ND	4.74	2.95	**62**	Q	-	-		75-125	-		20
Chromium, Total	13.4	18.6	27.2	**74**	Q	-	-		75-125	-		20
Lead, Total	6.33	47.4	38.0	**67**	Q	-	-		75-125	-		20
Selenium, Total	0.153J	11.1	9.54	86		-	-		75-125	-		20
Silver, Total	ND	27.9	25.2	90		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929831

Report Date: 07/15/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1258407-4 QC Sample: L1929825-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1259321-4 QC Sample: L1929831-01 Client ID: DOC3A-CELL 2A/B3-10-190709-1515						
Arsenic, Total	4.38	3.20	mg/kg	**31**	Q	20
Barium, Total	80.1	75.8	mg/kg	6		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	13.4	13.2	mg/kg	2		20
Lead, Total	6.33	6.30	mg/kg	0		20
Selenium, Total	0.153J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

SAMPLE RESULTS

Lab ID: L1929831-01
Client ID: DOC3A-CELL 2A/B3-10-190709-1515
Sample Location: ROME, NY

Date Collected: 07/09/19 15:15
Date Received: 07/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	07/10/19 14:18	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929831

Report Date: 07/15/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1258149-1 QC Sample: L1929725-02 Client ID: DUP Sample						
Solids, Total	90.0	92.1	%	2		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929831
Report Date: 07/15/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929831-01A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1929831-01B	Vial water preserved	A	NA		2.0	Y	Absent	10-JUL-19 13:51	NYTCL-8260HLW-R2(14)
L1929831-01C	Vial water preserved	A	NA		2.0	Y	Absent	10-JUL-19 13:51	NYTCL-8260HLW-R2(14)
L1929831-01D	Plastic 2oz unpreserved for TS	A	NA		2.0	Y	Absent		TS(7)
L1929831-01E	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1929831-01F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1929831
Project Number:	127887-007	**Report Date:**	07/15/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1929831
Project Number:	127887-007	**Report Date:**	07/15/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1929831
Project Number: 127887-007 **Report Date:** 07/15/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

ALPHA ANALYTICAL
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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/10/19

ALPHA Job #: L1929831

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #) ☐	
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
29831-01	DOC3A-CELL 2A/B3-10-190709-1515	7/9/2019	15:15	SO	PAF	10	X	X	X							
															TOTAL BOTTLES 6	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	V	A
Preservative	A	AF	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature] N/A	7/9/19 01:15	AAL [signature]	7/9/19 16:50
[signature]	7/9/19 16:50	[signature]	7/10/19 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1931015
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/22/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1931015-01	DOC3A-CELL2B--09-190715-1400	SOIL	ROME, NY	07/15/19 14:00	07/15/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1931015
Project Number:	127887-007	**Report Date:**	07/22/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1931015
Project Number:	127887-007	**Report Date:**	07/22/19

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

L1931015-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Semivolatile Organics

L1931015-01: The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

The WG1262062-2/-3 LCS/LCSD recoveries, associated with L1931015-01, are above the individual acceptance criteria for p-chloro-m-cresol (110%/104%), 4-nitrophenol (LCS at 117%) and phenol (117%/109%), but within the overall method allowances. 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: Lisa Westerlind

Title: Technical Director/Representative Date: 07/22/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1931015

Project Number: 127887-007 **Report Date:** 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01 D
Client ID: DOC3A-CELL2B--09-190715-1400
Sample Location: ROME, NY

Date Collected: 07/15/19 14:00
Date Received: 07/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/19/19 01:16
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	650	5
1,1-Dichloroethane	ND		ug/kg	280	41.	5
Chloroform	ND		ug/kg	420	40.	5
Carbon tetrachloride	ND		ug/kg	280	65.	5
1,2-Dichloropropane	ND		ug/kg	280	35.	5
Dibromochloromethane	ND		ug/kg	280	40.	5
1,1,2-Trichloroethane	ND		ug/kg	280	76.	5
Tetrachloroethene	ND		ug/kg	140	55.	5
Chlorobenzene	ND		ug/kg	140	36.	5
Trichlorofluoromethane	ND		ug/kg	1100	200	5
1,2-Dichloroethane	ND		ug/kg	280	73.	5
1,1,1-Trichloroethane	ND		ug/kg	140	47.	5
Bromodichloromethane	ND		ug/kg	140	31.	5
trans-1,3-Dichloropropene	ND		ug/kg	280	77.	5
cis-1,3-Dichloropropene	ND		ug/kg	140	45.	5
1,3-Dichloropropene, Total	ND		ug/kg	140	45.	5
Bromoform	ND		ug/kg	1100	70.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	47.	5
Benzene	ND		ug/kg	140	47.	5
Toluene	ND		ug/kg	280	150	5
Ethylbenzene	88	J	ug/kg	280	40.	5
Chloromethane	ND		ug/kg	1100	260	5
Bromomethane	ND		ug/kg	570	160	5
Vinyl chloride	ND		ug/kg	280	95.	5
Chloroethane	ND		ug/kg	570	130	5
1,1-Dichloroethene	ND		ug/kg	280	67.	5
trans-1,2-Dichloroethene	ND		ug/kg	420	39.	5
Trichloroethene	ND		ug/kg	140	39.	5

Project Name: LOT 3A IRM **Lab Number:** L1931015

Project Number: 127887-007 **Report Date:** 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01 D
Client ID: DOC3A-CELL2B--09-190715-1400
Sample Location: ROME, NY

Date Collected: 07/15/19 14:00
Date Received: 07/15/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	570	41.	5
1,3-Dichlorobenzene	ND		ug/kg	570	42.	5
1,4-Dichlorobenzene	ND		ug/kg	570	48.	5
Methyl tert butyl ether	ND		ug/kg	570	57.	5
p/m-Xylene	ND		ug/kg	570	160	5
o-Xylene	ND		ug/kg	280	82.	5
Xylenes, Total	ND		ug/kg	280	82.	5
cis-1,2-Dichloroethene	ND		ug/kg	280	50.	5
1,2-Dichloroethene, Total	ND		ug/kg	280	39.	5
Styrene	ND		ug/kg	280	55.	5
Dichlorodifluoromethane	ND		ug/kg	2800	260	5
Acetone	ND		ug/kg	2800	1400	5
Carbon disulfide	ND		ug/kg	2800	1300	5
2-Butanone	ND		ug/kg	2800	630	5
4-Methyl-2-pentanone	ND		ug/kg	2800	360	5
2-Hexanone	ND		ug/kg	2800	330	5
Bromochloromethane	ND		ug/kg	570	58.	5
1,2-Dibromoethane	ND		ug/kg	280	79.	5
n-Butylbenzene	ND		ug/kg	280	47.	5
sec-Butylbenzene	ND		ug/kg	280	41.	5
tert-Butylbenzene	ND		ug/kg	570	33.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	850	280	5
Isopropylbenzene	ND		ug/kg	280	31.	5
p-Isopropyltoluene	61	J	ug/kg	280	31.	5
Naphthalene	46000		ug/kg	1100	180	5
n-Propylbenzene	ND		ug/kg	280	48.	5
1,2,3-Trichlorobenzene	ND		ug/kg	570	91.	5
1,2,4-Trichlorobenzene	ND		ug/kg	570	77.	5
1,3,5-Trimethylbenzene	180	J	ug/kg	570	55.	5
1,2,4-Trimethylbenzene	380	J	ug/kg	570	94.	5
Methyl Acetate	ND		ug/kg	1100	270	5
Cyclohexane	ND		ug/kg	2800	150	5
1,4-Dioxane	ND		ug/kg	23000	9900	5
Freon-113	ND		ug/kg	1100	200	5
Methyl cyclohexane	ND		ug/kg	1100	170	5

Project Name: LOT 3A IRM **Lab Number:** L1931015

Project Number: 127887-007 **Report Date:** 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01 D
Client ID: DOC3A-CELL2B--09-190715-1400
Sample Location: ROME, NY

Date Collected: 07/15/19 14:00
Date Received: 07/15/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/18/19 18:00
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1262034-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/18/19 18:00
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1262034-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/18/19 18:00
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1262034-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1262034-3 WG1262034-4								
Methylene chloride	89		90		70-130	1		30
1,1-Dichloroethane	103		105		70-130	2		30
Chloroform	105		106		70-130	1		30
Carbon tetrachloride	103		102		70-130	1		30
1,2-Dichloropropane	106		107		70-130	1		30
Dibromochloromethane	97		97		70-130	0		30
1,1,2-Trichloroethane	101		102		70-130	1		30
Tetrachloroethene	101		102		70-130	1		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	97		98		70-139	1		30
1,2-Dichloroethane	96		96		70-130	0		30
1,1,1-Trichloroethane	107		109		70-130	2		30
Bromodichloromethane	105		109		70-130	4		30
trans-1,3-Dichloropropene	102		104		70-130	2		30
cis-1,3-Dichloropropene	106		107		70-130	1		30
Bromoform	97		97		70-130	0		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	104		107		70-130	3		30
Toluene	103		105		70-130	2		30
Ethylbenzene	105		107		70-130	2		30
Chloromethane	90		90		52-130	0		30
Bromomethane	103		104		57-147	1		30
Vinyl chloride	103		104		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1262034-3 WG1262034-4								
Chloroethane	115		116		50-151	1		30
1,1-Dichloroethene	101		102		65-135	1		30
trans-1,2-Dichloroethene	103		107		70-130	4		30
Trichloroethene	108		109		70-130	1		30
1,2-Dichlorobenzene	89		92		70-130	3		30
1,3-Dichlorobenzene	93		95		70-130	2		30
1,4-Dichlorobenzene	92		94		70-130	2		30
Methyl tert butyl ether	91		92		66-130	1		30
p/m-Xylene	102		104		70-130	2		30
o-Xylene	101		103		70-130	2		30
cis-1,2-Dichloroethene	106		107		70-130	1		30
Styrene	102		104		70-130	2		30
Dichlorodifluoromethane	74		74		30-146	0		30
Acetone	78		75		54-140	4		30
Carbon disulfide	96		96		59-130	0		30
2-Butanone	78		76		70-130	3		30
4-Methyl-2-pentanone	95		90		70-130	5		30
2-Hexanone	79		76		70-130	4		30
Bromochloromethane	102		100		70-130	2		30
1,2-Dibromoethane	98		99		70-130	1		30
n-Butylbenzene	105		107		70-130	2		30
sec-Butylbenzene	96		99		70-130	3		30
tert-Butylbenzene	95		98		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1262034-3 WG1262034-4								
1,2-Dibromo-3-chloropropane	80		83		68-130	4		30
Isopropylbenzene	96		100		70-130	4		30
p-Isopropyltoluene	97		100		70-130	3		30
Naphthalene	84		86		70-130	2		30
n-Propylbenzene	102		106		70-130	4		30
1,2,3-Trichlorobenzene	91		92		70-130	1		30
1,2,4-Trichlorobenzene	95		97		70-130	2		30
1,3,5-Trimethylbenzene	97		99		70-130	2		30
1,2,4-Trimethylbenzene	96		100		70-130	4		30
Methyl Acetate	84		84		51-146	0		30
Cyclohexane	103		104		59-142	1		30
1,4-Dioxane	109		108		65-136	1		30
Freon-113	87		90		50-139	3		30
Methyl cyclohexane	100		103		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		92		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	97		95		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931015
Report Date: 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01
Client ID: DOC3A-CELL2B--09-190715-1400
Sample Location: ROME, NY

Date Collected: 07/15/19 14:00
Date Received: 07/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/21/19 06:41
Analyst: HL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/20/19 02:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7500		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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	10000	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	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	11000	E	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	2800		ug/kg	110	22.	1
Benzo(a)pyrene	1400		ug/kg	150	47.	1

Project Name: LOT 3A IRM **Lab Number:** L1931015

Project Number: 127887-007 **Report Date:** 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01 Date Collected: 07/15/19 14:00

Client ID: DOC3A-CELL2B--09-190715-1400 Date Received: 07/15/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2000		ug/kg	110	32.	1
Benzo(k)fluoranthene	740		ug/kg	110	30.	1
Chrysene	2000		ug/kg	110	20.	1
Acenaphthylene	790		ug/kg	150	29.	1
Anthracene	2400		ug/kg	110	37.	1
Benzo(ghi)perylene	520		ug/kg	150	22.	1
Fluorene	8200	E	ug/kg	190	18.	1
Phenanthrene	14000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	160		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	630		ug/kg	150	27.	1
Pyrene	7400		ug/kg	110	19.	1
Biphenyl	2100		ug/kg	440	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	6900		ug/kg	190	18.	1
2-Methylnaphthalene	6500		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	31.	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	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	1400		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: LOT 3A IRM **Lab Number:** L1931015

Project Number: 127887-007 **Report Date:** 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01 Date Collected: 07/15/19 14:00

Client ID: DOC3A-CELL2B--09-190715-1400 Date Received: 07/15/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	79		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931015
Report Date: 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01 D
Client ID: DOC3A-CELL2B--09-190715-1400
Sample Location: ROME, NY

Date Collected: 07/15/19 14:00
Date Received: 07/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/22/19 14:30
Analyst: HL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/20/19 02:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	11000		ug/kg	570	110	5
Naphthalene	16000		ug/kg	960	120	5
Fluorene	8300		ug/kg	960	93.	5
Phenanthrene	23000		ug/kg	570	120	5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/19/19 22:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/19/19 11:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262062-1					
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	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	460	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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
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	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/19/19 22:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/19/19 11:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262062-1					
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	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/19/19 22:47
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/19/19 11:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1262062-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
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	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	105		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

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: WG1262062-2 WG1262062-3								
Acenaphthene	95		91		31-137	4		50
Hexachlorobenzene	98		93		40-140	5		50
Bis(2-chloroethyl)ether	111		100		40-140	10		50
2-Chloronaphthalene	94		89		40-140	5		50
3,3'-Dichlorobenzidine	74		70		40-140	6		50
2,4-Dinitrotoluene	104		99		40-132	5		50
2,6-Dinitrotoluene	100		97		40-140	3		50
Fluoranthene	100		96		40-140	4		50
4-Chlorophenyl phenyl ether	95		92		40-140	3		50
4-Bromophenyl phenyl ether	95		93		40-140	2		50
Bis(2-chloroisopropyl)ether	104		96		40-140	8		50
Bis(2-chloroethoxy)methane	114		108		40-117	5		50
Hexachlorobutadiene	81		74		40-140	9		50
Hexachlorocyclopentadiene	82		79		40-140	4		50
Hexachloroethane	97		90		40-140	7		50
Isophorone	118		110		40-140	7		50
Naphthalene	95		91		40-140	4		50
Nitrobenzene	113		104		40-140	8		50
NDPA/DPA	98		94		36-157	4		50
n-Nitrosodi-n-propylamine	116		109		32-121	6		50
Bis(2-ethylhexyl)phthalate	119		114		40-140	4		50
Butyl benzyl phthalate	108		105		40-140	3		50
Di-n-butylphthalate	112		109		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

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: WG1262062-2 WG1262062-3								
Di-n-octylphthalate	118		113		40-140	4		50
Diethyl phthalate	100		96		40-140	4		50
Dimethyl phthalate	94		90		40-140	4		50
Benzo(a)anthracene	100		96		40-140	4		50
Benzo(a)pyrene	94		91		40-140	3		50
Benzo(b)fluoranthene	94		92		40-140	2		50
Benzo(k)fluoranthene	103		99		40-140	4		50
Chrysene	96		93		40-140	3		50
Acenaphthylene	96		93		40-140	3		50
Anthracene	103		100		40-140	3		50
Benzo(ghi)perylene	101		97		40-140	4		50
Fluorene	97		93		40-140	4		50
Phenanthrene	97		95		40-140	2		50
Dibenzo(a,h)anthracene	100		97		40-140	3		50
Indeno(1,2,3-cd)pyrene	97		95		40-140	2		50
Pyrene	98		95		35-142	3		50
Biphenyl	101		97		54-104	4		50
4-Chloroaniline	80		71		40-140	12		50
2-Nitroaniline	108		101		47-134	7		50
3-Nitroaniline	87		82		26-129	6		50
4-Nitroaniline	106		103		41-125	3		50
Dibenzofuran	97		93		40-140	4		50
2-Methylnaphthalene	97		92		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

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: WG1262062-2 WG1262062-3								
1,2,4,5-Tetrachlorobenzene	93		91		40-117	2		50
Acetophenone	116		106		14-144	9		50
2,4,6-Trichlorophenol	91		88		30-130	3		50
p-Chloro-m-cresol	**110**	Q	**104**	Q	26-103	6		50
2-Chlorophenol	102		98		25-102	4		50
2,4-Dichlorophenol	101		94		30-130	7		50
2,4-Dimethylphenol	114		107		30-130	6		50
2-Nitrophenol	106		98		30-130	8		50
4-Nitrophenol	**117**	Q	113		11-114	3		50
2,4-Dinitrophenol	79		79		4-130	0		50
4,6-Dinitro-o-cresol	104		100		10-130	4		50
Pentachlorophenol	96		93		17-109	3		50
Phenol	**117**	Q	**109**	Q	26-90	7		50
2-Methylphenol	115		111		30-130.	4		50
3-Methylphenol/4-Methylphenol	118		112		30-130	5		50
2,4,5-Trichlorophenol	101		96		30-130	5		50
Carbazole	102		100		54-128	2		50
Atrazine	102		100		40-140	2		50
Benzaldehyde	114		97		40-140	16		50
Caprolactam	124		118		15-130	5		50
2,3,4,6-Tetrachlorophenol	94		90		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931015

Report Date: 07/22/19

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: WG1262062-2 WG1262062-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	105		96		25-120
Phenol-d6	113		107		10-120
Nitrobenzene-d5	108		103		23-120
2-Fluorobiphenyl	89		86		30-120
2,4,6-Tribromophenol	104		99		10-136
4-Terphenyl-d14	95		91		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1931015
Report Date: 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01
Client ID: DOC3A-CELL2B--09-190715-1400
Sample Location: ROME, NY
Date Collected: 07/15/19 14:00
Date Received: 07/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.70		mg/kg	0.460	0.096	1	07/18/19 08:30	07/19/19 22:19	EPA 3050B	1,6010D	AB
Barium, Total	47.9		mg/kg	0.460	0.080	1	07/18/19 08:30	07/19/19 22:19	EPA 3050B	1,6010D	AB
Cadmium, Total	0.506		mg/kg	0.460	0.045	1	07/18/19 08:30	07/19/19 22:19	EPA 3050B	1,6010D	AB
Chromium, Total	10.1		mg/kg	0.460	0.044	1	07/18/19 08:30	07/19/19 22:19	EPA 3050B	1,6010D	AB
Lead, Total	5.63		mg/kg	2.30	0.123	1	07/18/19 08:30	07/19/19 22:19	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.073	0.048	1	07/18/19 06:30	07/18/19 17:20	EPA 7471B	1,7471B	GD
Selenium, Total	0.179	J	mg/kg	0.919	0.118	1	07/18/19 08:30	07/19/19 22:19	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.460	0.130	1	07/18/19 08:30	07/19/19 22:19	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1931015

Project Number: 127887-007 **Report Date:** 07/22/19

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: WG1261345-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/18/19 06:30	07/18/19 12:56	1,7471B	GD

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 Batch: WG1261381-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/18/19 08:30	07/18/19 13:36	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/18/19 08:30	07/18/19 13:36	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/18/19 08:30	07/18/19 13:36	1,6010D	LC
Chromium, Total	0.068	J	mg/kg	0.400	0.038	1	07/18/19 08:30	07/18/19 13:36	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/18/19 08:30	07/18/19 13:36	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/18/19 08:30	07/18/19 13:36	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/18/19 08:30	07/18/19 13:36	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1261345-2 SRM Lot Number: D105-540								
Mercury, Total	113		-		72-128	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1261381-2 SRM Lot Number: D105-540								
Arsenic, Total	114		-		70-130	-		
Barium, Total	93		-		75-125	-		
Cadmium, Total	97		-		75-125	-		
Chromium, Total	94		-		70-130	-		
Lead, Total	104		-		71-128	-		
Selenium, Total	107		-		63-137	-		
Silver, Total	100		-		69-131	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

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 QC Batch ID: WG1261345-3 QC Sample: L1931408-01 Client ID: MS Sample												
Mercury, Total	ND	0.145	0.160	110		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1261381-3 QC Sample: L1931408-01 Client ID: MS Sample												
Arsenic, Total	1.99	10.7	13.1	104		-	-		75-125	-		20
Barium, Total	15.5	178	194	100		-	-		75-125	-		20
Cadmium, Total	0.592J	4.55	4.98	110		-	-		75-125	-		20
Chromium, Total	11.1	17.8	27.2	90		-	-		75-125	-		20
Lead, Total	12.8	45.5	59.3	102		-	-		75-125	-		20
Selenium, Total	0.357J	10.7	11.3	106		-	-		75-125	-		20
Silver, Total	ND	26.8	25.6	96		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931015

Report Date: 07/22/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1261345-4 QC Sample: L1931408-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1261381-4 QC Sample: L1931408-01 Client ID: DUP Sample						
Arsenic, Total	1.99	2.12	mg/kg	6		20
Barium, Total	15.5	18.1	mg/kg	15		20
Cadmium, Total	0.592J	0.605J	mg/kg	NC		20
Chromium, Total	11.1	8.84	mg/kg	**23**	Q	20
Lead, Total	12.8	15.2	mg/kg	17		20
Selenium, Total	0.357J	0.456J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

SAMPLE RESULTS

Lab ID: L1931015-01
Client ID: DOC3A-CELL2B--09-190715-1400
Sample Location: ROME, NY

Date Collected: 07/15/19 14:00
Date Received: 07/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	07/16/19 12:13	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1931015

Report Date: 07/22/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1260443-1 QC Sample: L1931033-01 Client ID: DUP Sample						
Solids, Total	87.3	86.2	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1931015
Report Date: 07/22/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1931015-01A	Vial MeOH preserved	A	NA		2.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1931015-01B	Vial water preserved	A	NA		2.1	Y	Absent	16-JUL-19 05:40	NYTCL-8260HLW-R2(14)
L1931015-01C	Vial water preserved	A	NA		2.1	Y	Absent	16-JUL-19 05:40	NYTCL-8260HLW-R2(14)
L1931015-01D	Plastic 2oz unpreserved for TS	A	NA		2.1	Y	Absent		TS(7)
L1931015-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1931015-01F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1931015
Project Number:	127887-007	**Report Date:**	07/22/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1931015
Project Number:	127887-007	**Report Date:**	07/22/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1931015
Project Number: 127887-007 **Report Date:** 07/22/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 7/16/19

ALPHA Job #: L1931015

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #)	☐
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
31015-01	DOC3A-CELL2B--09-190715-1400	7/15/2019	14:00	SO	PAF	9	X	X	X							6
Container Type							A	V	A							
Preservative							A	AF	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FACK	7/15/19 17:20		7/15/19 17:20
	7/15/19 17:20		7/16/19 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1932289
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/29/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1932289-01	DOC3A-CELL2C-10-190722-1315	SOIL	ROME, NY	07/22/19 13:15	07/22/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1932289
Project Number:	127887-007	**Report Date:**	07/29/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: LOT 3A IRM **Lab Number:** L1932289
Project Number: 127887-007 **Report Date:** 07/29/19

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

L1932289-01 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies. The High Level analysis has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1263797-3 LCS/LCSD recoveries, associated with L1932289-01, are above the individual acceptance criteria for carbon tetrachloride (132%/138%), but within the overall method allowances. The results of the associated samples are reported.

Semivolatile Organics

L1932289-01: The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compounds that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compounds that exceeded the calibration range.

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: 07/29/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01
Client ID: DOC3A-CELL2C-10-190722-1315
Sample Location: ROME, NY

Date Collected: 07/22/19 13:15
Date Received: 07/22/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/23/19 09:08
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.8	1.7	1
1,1-Dichloroethane	ND		ug/kg	0.75	0.11	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.75	0.17	1
1,2-Dichloropropane	ND		ug/kg	0.75	0.09	1
Dibromochloromethane	ND		ug/kg	0.75	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.75	0.20	1
Tetrachloroethene	ND		ug/kg	0.38	0.15	1
Chlorobenzene	ND		ug/kg	0.38	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.0	0.52	1
1,2-Dichloroethane	ND		ug/kg	0.75	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.38	0.12	1
Bromodichloromethane	ND		ug/kg	0.38	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.75	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.38	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.38	0.12	1
Bromoform	ND		ug/kg	3.0	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.38	0.12	1
Benzene	4.9		ug/kg	0.38	0.12	1
Toluene	8.6		ug/kg	0.75	0.41	1
Ethylbenzene	16		ug/kg	0.75	0.10	1
Chloromethane	ND		ug/kg	3.0	0.70	1
Bromomethane	ND		ug/kg	1.5	0.44	1
Vinyl chloride	ND		ug/kg	0.75	0.25	1
Chloroethane	ND		ug/kg	1.5	0.34	1
1,1-Dichloroethene	ND		ug/kg	0.75	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1
Trichloroethene	ND		ug/kg	0.38	0.10	1

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01 Date Collected: 07/22/19 13:15

Client ID: DOC3A-CELL2C-10-190722-1315 Date Received: 07/22/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	45		ug/kg	1.5	0.42	1
o-Xylene	20		ug/kg	0.75	0.22	1
Xylenes, Total	65		ug/kg	0.75	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.75	0.13	1
1,2-Dichloroethene, Total	ND		ug/kg	0.75	0.10	1
Styrene	8.2		ug/kg	0.75	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.5	0.69	1
Acetone	ND		ug/kg	7.5	3.6	1
Carbon disulfide	ND		ug/kg	7.5	3.4	1
2-Butanone	ND		ug/kg	7.5	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.5	0.96	1
2-Hexanone	ND		ug/kg	7.5	0.89	1
Bromochloromethane	ND		ug/kg	1.5	0.15	1
1,2-Dibromoethane	ND		ug/kg	0.75	0.21	1
n-Butylbenzene	ND		ug/kg	0.75	0.12	1
sec-Butylbenzene	ND		ug/kg	0.75	0.11	1
tert-Butylbenzene	ND		ug/kg	1.5	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.2	0.75	1
Isopropylbenzene	2.8		ug/kg	0.75	0.08	1
p-Isopropyltoluene	2.6		ug/kg	0.75	0.08	1
Naphthalene	2600	E	ug/kg	3.0	0.49	1
n-Propylbenzene	1.3		ug/kg	0.75	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.20	1
1,3,5-Trimethylbenzene	23		ug/kg	1.5	0.14	1
1,2,4-Trimethylbenzene	61		ug/kg	1.5	0.25	1
Methyl Acetate	ND		ug/kg	3.0	0.71	1
Cyclohexane	ND		ug/kg	7.5	0.41	1
1,4-Dioxane	ND		ug/kg	60	26.	1
Freon-113	ND		ug/kg	3.0	0.52	1
Methyl cyclohexane	ND		ug/kg	3.0	0.45	1

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID:	L1932289-01	Date Collected:	07/22/19 13:15
Client ID:	DOC3A-CELL2C-10-190722-1315	Date Received:	07/22/19
Sample Location:	ROME, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	109		70-130

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01 D
Client ID: DOC3A-CELL2C-10-190722-1315
Sample Location: ROME, NY

Date Collected: 07/22/19 13:15
Date Received: 07/22/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/26/19 10:12
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	2900	1300	10
1,1-Dichloroethane	ND		ug/kg	590	85.	10
Chloroform	ND		ug/kg	880	82.	10
Carbon tetrachloride	ND		ug/kg	590	140	10
1,2-Dichloropropane	ND		ug/kg	590	73.	10
Dibromochloromethane	ND		ug/kg	590	82.	10
1,1,2-Trichloroethane	ND		ug/kg	590	160	10
Tetrachloroethene	ND		ug/kg	290	120	10
Chlorobenzene	ND		ug/kg	290	74.	10
Trichlorofluoromethane	ND		ug/kg	2300	410	10
1,2-Dichloroethane	ND		ug/kg	590	150	10
1,1,1-Trichloroethane	ND		ug/kg	290	98.	10
Bromodichloromethane	ND		ug/kg	290	64.	10
trans-1,3-Dichloropropene	ND		ug/kg	590	160	10
cis-1,3-Dichloropropene	ND		ug/kg	290	93.	10
1,3-Dichloropropene, Total	ND		ug/kg	290	93.	10
Bromoform	ND		ug/kg	2300	140	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	290	97.	10
Benzene	ND		ug/kg	290	97.	10
Toluene	ND		ug/kg	590	320	10
Ethylbenzene	ND		ug/kg	590	83.	10
Chloromethane	ND		ug/kg	2300	550	10
Bromomethane	ND		ug/kg	1200	340	10
Vinyl chloride	ND		ug/kg	590	200	10
Chloroethane	ND		ug/kg	1200	260	10
1,1-Dichloroethene	ND		ug/kg	590	140	10
trans-1,2-Dichloroethene	ND		ug/kg	880	80.	10
Trichloroethene	ND		ug/kg	290	80.	10

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01 D Date Collected: 07/22/19 13:15

Client ID: DOC3A-CELL2C-10-190722-1315 Date Received: 07/22/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1200	84.	10
1,3-Dichlorobenzene	ND		ug/kg	1200	87.	10
1,4-Dichlorobenzene	ND		ug/kg	1200	100	10
Methyl tert butyl ether	ND		ug/kg	1200	120	10
p/m-Xylene	ND		ug/kg	1200	330	10
o-Xylene	ND		ug/kg	590	170	10
Xylenes, Total	ND		ug/kg	590	170	10
cis-1,2-Dichloroethene	ND		ug/kg	590	100	10
1,2-Dichloroethene, Total	ND		ug/kg	590	80.	10
Styrene	ND		ug/kg	590	120	10
Dichlorodifluoromethane	ND		ug/kg	5900	540	10
Acetone	ND		ug/kg	5900	2800	10
Carbon disulfide	ND		ug/kg	5900	2700	10
2-Butanone	ND		ug/kg	5900	1300	10
4-Methyl-2-pentanone	ND		ug/kg	5900	750	10
2-Hexanone	ND		ug/kg	5900	690	10
Bromochloromethane	ND		ug/kg	1200	120	10
1,2-Dibromoethane	ND		ug/kg	590	160	10
n-Butylbenzene	ND		ug/kg	590	98.	10
sec-Butylbenzene	ND		ug/kg	590	86.	10
tert-Butylbenzene	ND		ug/kg	1200	69.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	1800	590	10
Isopropylbenzene	ND		ug/kg	590	64.	10
p-Isopropyltoluene	ND		ug/kg	590	64.	10
Naphthalene	37000		ug/kg	2300	380	10
n-Propylbenzene	ND		ug/kg	590	100	10
1,2,3-Trichlorobenzene	ND		ug/kg	1200	190	10
1,2,4-Trichlorobenzene	ND		ug/kg	1200	160	10
1,3,5-Trimethylbenzene	ND		ug/kg	1200	110	10
1,2,4-Trimethylbenzene	ND		ug/kg	1200	200	10
Methyl Acetate	2600		ug/kg	2300	560	10
Cyclohexane	ND		ug/kg	5900	320	10
1,4-Dioxane	ND		ug/kg	47000	21000	10
Freon-113	ND		ug/kg	2300	410	10
Methyl cyclohexane	ND		ug/kg	2300	350	10

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01 D Date Collected: 07/22/19 13:15

Client ID: DOC3A-CELL2C-10-190722-1315 Date Received: 07/22/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	104		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/19 07:49
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1263797-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/19 07:49
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1263797-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	0.24	J	ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/19 07:49
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1263797-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/19 09:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1264980-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/19 09:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1264980-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	10	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/19 09:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1264980-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1263797-3 WG1263797-4								
Methylene chloride	92		93		70-130	1		30
1,1-Dichloroethane	100		102		70-130	2		30
Chloroform	109		111		70-130	2		30
Carbon tetrachloride	**132**	Q	**138**	Q	70-130	4		30
1,2-Dichloropropane	95		97		70-130	2		30
Dibromochloromethane	114		117		70-130	3		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	118		122		70-130	3		30
Chlorobenzene	105		106		70-130	1		30
Trichlorofluoromethane	126		131		70-139	4		30
1,2-Dichloroethane	112		113		70-130	1		30
1,1,1-Trichloroethane	121		125		70-130	3		30
Bromodichloromethane	108		113		70-130	5		30
trans-1,3-Dichloropropene	98		100		70-130	2		30
cis-1,3-Dichloropropene	106		108		70-130	2		30
Bromoform	112		118		70-130	5		30
1,1,2,2-Tetrachloroethane	85		87		70-130	2		30
Benzene	99		101		70-130	2		30
Toluene	97		98		70-130	1		30
Ethylbenzene	101		103		70-130	2		30
Chloromethane	94		93		52-130	1		30
Bromomethane	95		96		57-147	1		30
Vinyl chloride	84		87		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1263797-3 WG1263797-4								
Chloroethane	80		84		50-151	5		30
1,1-Dichloroethene	108		114		65-135	5		30
trans-1,2-Dichloroethene	109		113		70-130	4		30
Trichloroethene	107		111		70-130	4		30
1,2-Dichlorobenzene	110		111		70-130	1		30
1,3-Dichlorobenzene	109		113		70-130	4		30
1,4-Dichlorobenzene	108		112		70-130	4		30
Methyl tert butyl ether	100		101		66-130	1		30
p/m-Xylene	109		111		70-130	2		30
o-Xylene	105		106		70-130	1		30
cis-1,2-Dichloroethene	108		111		70-130	3		30
Styrene	110		112		70-130	2		30
Dichlorodifluoromethane	92		97		30-146	5		30
Acetone	87		95		54-140	9		30
Carbon disulfide	84		87		59-130	4		30
2-Butanone	98		89		70-130	10		30
4-Methyl-2-pentanone	88		90		70-130	2		30
2-Hexanone	85		87		70-130	2		30
Bromochloromethane	124		126		70-130	2		30
1,2-Dibromoethane	105		107		70-130	2		30
n-Butylbenzene	97		102		70-130	5		30
sec-Butylbenzene	100		104		70-130	4		30
tert-Butylbenzene	106		111		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1263797-3 WG1263797-4								
1,2-Dibromo-3-chloropropane	119		119		68-130	0		30
Isopropylbenzene	100		102		70-130	2		30
p-Isopropyltoluene	110		116		70-130	5		30
Naphthalene	114		118		70-130	3		30
n-Propylbenzene	93		95		70-130	2		30
1,2,3-Trichlorobenzene	119		120		70-130	1		30
1,2,4-Trichlorobenzene	117		121		70-130	3		30
1,3,5-Trimethylbenzene	102		106		70-130	4		30
1,2,4-Trimethylbenzene	105		107		70-130	2		30
Methyl Acetate	90		93		51-146	3		30
Cyclohexane	91		94		59-142	3		30
1,4-Dioxane	105		106		65-136	1		30
Freon-113	106		110		50-139	4		30
Methyl cyclohexane	95		98		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	91		89		70-130
4-Bromofluorobenzene	85		85		70-130
Dibromofluoromethane	105		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1264980-3 WG1264980-4								
Methylene chloride	98		96		70-130	2		30
1,1-Dichloroethane	102		102		70-130	0		30
Chloroform	108		108		70-130	0		30
Carbon tetrachloride	122		126		70-130	3		30
1,2-Dichloropropane	101		100		70-130	1		30
Dibromochloromethane	107		106		70-130	1		30
1,1,2-Trichloroethane	91		92		70-130	1		30
Tetrachloroethene	112		113		70-130	1		30
Chlorobenzene	101		102		70-130	1		30
Trichlorofluoromethane	116		120		70-139	3		30
1,2-Dichloroethane	106		106		70-130	0		30
1,1,1-Trichloroethane	114		116		70-130	2		30
Bromodichloromethane	107		108		70-130	1		30
trans-1,3-Dichloropropene	95		95		70-130	0		30
cis-1,3-Dichloropropene	107		108		70-130	1		30
Bromoform	103		103		70-130	0		30
1,1,2,2-Tetrachloroethane	83		82		70-130	1		30
Benzene	103		102		70-130	1		30
Toluene	98		98		70-130	0		30
Ethylbenzene	99		99		70-130	0		30
Chloromethane	96		95		52-130	1		30
Bromomethane	86		88		57-147	2		30
Vinyl chloride	84		85		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1264980-3 WG1264980-4								
Chloroethane	79		78		50-151	1		30
1,1-Dichloroethene	108		110		65-135	2		30
trans-1,2-Dichloroethene	111		112		70-130	1		30
Trichloroethene	108		110		70-130	2		30
1,2-Dichlorobenzene	102		100		70-130	2		30
1,3-Dichlorobenzene	102		102		70-130	0		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	102		100		66-130	2		30
p/m-Xylene	106		105		70-130	1		30
o-Xylene	103		102		70-130	1		30
cis-1,2-Dichloroethene	112		111		70-130	1		30
Styrene	106		105		70-130	1		30
Dichlorodifluoromethane	86		87		30-146	1		30
Acetone	86		83		54-140	4		30
Carbon disulfide	87		87		59-130	0		30
2-Butanone	99		90		70-130	10		30
4-Methyl-2-pentanone	87		87		70-130	0		30
2-Hexanone	84		82		70-130	2		30
Bromochloromethane	121		122		70-130	1		30
1,2-Dibromoethane	101		101		70-130	0		30
n-Butylbenzene	93		93		70-130	0		30
sec-Butylbenzene	97		97		70-130	0		30
tert-Butylbenzene	101		102		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1264980-3 WG1264980-4								
1,2-Dibromo-3-chloropropane	104		106		68-130	2		30
Isopropylbenzene	96		97		70-130	1		30
p-Isopropyltoluene	104		105		70-130	1		30
Naphthalene	109		106		70-130	3		30
n-Propylbenzene	90		90		70-130	0		30
1,2,3-Trichlorobenzene	112		108		70-130	4		30
1,2,4-Trichlorobenzene	108		103		70-130	5		30
1,3,5-Trimethylbenzene	98		98		70-130	0		30
1,2,4-Trimethylbenzene	100		99		70-130	1		30
Methyl Acetate	93		89		51-146	4		30
Cyclohexane	94		96		59-142	2		30
1,4-Dioxane	103		108		65-136	5		30
Freon-113	104		106		50-139	2		30
Methyl cyclohexane	94		98		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
Toluene-d8	90		90		70-130
4-Bromofluorobenzene	88		87		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932289
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01
Client ID: DOC3A-CELL2C-10-190722-1315
Sample Location: ROME, NY

Date Collected: 07/22/19 13:15
Date Received: 07/22/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/28/19 19:35
Analyst: RC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6100		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	32.	1
Fluoranthene	10000	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	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	14000	E	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	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	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2500		ug/kg	110	21.	1
Benzo(a)pyrene	1300		ug/kg	150	46.	1

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01 Date Collected: 07/22/19 13:15

Client ID: DOC3A-CELL2C-10-190722-1315 Date Received: 07/22/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1600		ug/kg	110	32.	1
Benzo(k)fluoranthene	590		ug/kg	110	30.	1
Chrysene	1800		ug/kg	110	20.	1
Acenaphthylene	990		ug/kg	150	29.	1
Anthracene	2300		ug/kg	110	37.	1
Benzo(ghi)perylene	340		ug/kg	150	22.	1
Fluorene	7000		ug/kg	190	18.	1
Phenanthrene	18000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	460		ug/kg	150	26.	1
Pyrene	6800		ug/kg	110	19.	1
Biphenyl	1800		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	5900		ug/kg	190	18.	1
2-Methylnaphthalene	7000		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	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	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	1900		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01 Date Collected: 07/22/19 13:15

Client ID: DOC3A-CELL2C-10-190722-1315 Date Received: 07/22/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	62		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932289
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01 D
Client ID: DOC3A-CELL2C-10-190722-1315
Sample Location: ROME, NY

Date Collected: 07/22/19 13:15
Date Received: 07/22/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/29/19 11:24
Analyst: RC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	10000		ug/kg	560	110	5
Naphthalene	19000		ug/kg	940	110	5
Phenanthrene	21000		ug/kg	560	110	5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/19 14:32
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1265432-1					
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	43.
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	17.
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	56.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/19 14:32
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1265432-1					
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	61.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/19 14:32
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/27/19 14:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1265432-1					
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	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

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: WG1265432-2 WG1265432-3								
Acenaphthene	80		77		31-137	4		50
Hexachlorobenzene	94		92		40-140	2		50
Bis(2-chloroethyl)ether	72		70		40-140	3		50
2-Chloronaphthalene	82		83		40-140	1		50
3,3'-Dichlorobenzidine	68		67		40-140	1		50
2,4-Dinitrotoluene	90		90		40-132	0		50
2,6-Dinitrotoluene	89		92		40-140	3		50
Fluoranthene	89		84		40-140	6		50
4-Chlorophenyl phenyl ether	85		83		40-140	2		50
4-Bromophenyl phenyl ether	91		91		40-140	0		50
Bis(2-chloroisopropyl)ether	60		58		40-140	3		50
Bis(2-chloroethoxy)methane	75		75		40-117	0		50
Hexachlorobutadiene	82		79		40-140	4		50
Hexachlorocyclopentadiene	87		88		40-140	1		50
Hexachloroethane	68		67		40-140	1		50
Isophorone	78		79		40-140	1		50
Naphthalene	75		72		40-140	4		50
Nitrobenzene	77		76		40-140	1		50
NDPA/DPA	86		85		36-157	1		50
n-Nitrosodi-n-propylamine	77		76		32-121	1		50
Bis(2-ethylhexyl)phthalate	75		75		40-140	0		50
Butyl benzyl phthalate	80		76		40-140	5		50
Di-n-butylphthalate	89		86		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

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: WG1265432-2 WG1265432-3								
Di-n-octylphthalate	81		79		40-140	3		50
Diethyl phthalate	85		84		40-140	1		50
Dimethyl phthalate	86		89		40-140	3		50
Benzo(a)anthracene	88		83		40-140	6		50
Benzo(a)pyrene	98		88		40-140	11		50
Benzo(b)fluoranthene	89		81		40-140	9		50
Benzo(k)fluoranthene	89		81		40-140	9		50
Chrysene	81		77		40-140	5		50
Acenaphthylene	84		85		40-140	1		50
Anthracene	90		86		40-140	5		50
Benzo(ghi)perylene	89		81		40-140	9		50
Fluorene	84		82		40-140	2		50
Phenanthrene	84		81		40-140	4		50
Dibenzo(a,h)anthracene	89		82		40-140	8		50
Indeno(1,2,3-cd)pyrene	93		85		40-140	9		50
Pyrene	86		82		35-142	5		50
Biphenyl	85		86		54-104	1		50
4-Chloroaniline	65		64		40-140	2		50
2-Nitroaniline	90		93		47-134	3		50
3-Nitroaniline	72		71		26-129	1		50
4-Nitroaniline	84		84		41-125	0		50
Dibenzofuran	81		78		40-140	4		50
2-Methylnaphthalene	79		78		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

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: WG1265432-2 WG1265432-3								
1,2,4,5-Tetrachlorobenzene	88		88		40-117	0		50
Acetophenone	85		84		14-144	1		50
2,4,6-Trichlorophenol	97		101		30-130	4		50
p-Chloro-m-cresol	88		89		26-103	1		50
2-Chlorophenol	79		77		25-102	3		50
2,4-Dichlorophenol	86		89		30-130	3		50
2,4-Dimethylphenol	84		85		30-130	1		50
2-Nitrophenol	90		91		30-130	1		50
4-Nitrophenol	84		84		11-114	0		50
2,4-Dinitrophenol	105		108		4-130	3		50
4,6-Dinitro-o-cresol	100		102		10-130	2		50
Pentachlorophenol	98		98		17-109	0		50
Phenol	72		71		26-90	1		50
2-Methylphenol	80		80		30-130.	0		50
3-Methylphenol/4-Methylphenol	80		82		30-130	2		50
2,4,5-Trichlorophenol	97		97		30-130	0		50
Carbazole	85		81		54-128	5		50
Atrazine	104		105		40-140	1		50
Benzaldehyde	84		82		40-140	2		50
Caprolactam	84		88		15-130	5		50
2,3,4,6-Tetrachlorophenol	93		92		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932289

Report Date: 07/29/19

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: WG1265432-2 WG1265432-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		74		25-120
Phenol-d6	75		73		10-120
Nitrobenzene-d5	76		74		23-120
2-Fluorobiphenyl	78		78		30-120
2,4,6-Tribromophenol	101		101		10-136
4-Terphenyl-d14	82		77		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1932289
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01
Client ID: DOC3A-CELL2C-10-190722-1315
Sample Location: ROME, NY
Date Collected: 07/22/19 13:15
Date Received: 07/22/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.99		mg/kg	0.449	0.094	1	07/25/19 02:00	07/25/19 21:10	EPA 3050B	1,6010D	AB
Barium, Total	50.8		mg/kg	0.449	0.078	1	07/25/19 02:00	07/25/19 21:10	EPA 3050B	1,6010D	AB
Cadmium, Total	0.292	J	mg/kg	0.449	0.044	1	07/25/19 02:00	07/25/19 21:10	EPA 3050B	1,6010D	AB
Chromium, Total	9.40		mg/kg	0.449	0.043	1	07/25/19 02:00	07/25/19 21:10	EPA 3050B	1,6010D	AB
Lead, Total	5.00		mg/kg	2.25	0.120	1	07/25/19 02:00	07/25/19 21:10	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.073	0.048	1	07/25/19 06:20	07/25/19 17:38	EPA 7471B	1,7471B	GD
Selenium, Total	0.683	J	mg/kg	0.899	0.116	1	07/25/19 02:00	07/25/19 21:10	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.449	0.127	1	07/25/19 02:00	07/25/19 21:10	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1932289

Project Number: 127887-007 **Report Date:** 07/29/19

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: WG1264087-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/25/19 02:00	07/25/19 19:54	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	07/25/19 02:00	07/25/19 19:54	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/25/19 02:00	07/25/19 19:54	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/25/19 02:00	07/25/19 19:54	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	07/25/19 02:00	07/25/19 19:54	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/25/19 02:00	07/25/19 19:54	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	07/25/19 02:00	07/25/19 19:54	1,6010D	AB

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 Batch: WG1264201-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/25/19 06:20	07/25/19 16:05	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1264087-2 SRM Lot Number: D105-540								
Arsenic, Total	101		-		70-130	-		
Barium, Total	96		-		75-125	-		
Cadmium, Total	102		-		75-125	-		
Chromium, Total	91		-		70-130	-		
Lead, Total	94		-		71-128	-		
Selenium, Total	98		-		63-137	-		
Silver, Total	92		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1264201-2 SRM Lot Number: D105-540								
Mercury, Total	113		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

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 QC Batch ID: WG1264087-3 QC Sample: L1932112-03 Client ID: MS Sample												
Arsenic, Total	2.87	11.1	36.0	**298**	Q	-	-		75-125	-		20
Barium, Total	111	185	243	**71**	Q	-	-		75-125	-		20
Cadmium, Total	0.460	4.72	4.56	96		-	-		75-125	-		20
Chromium, Total	11.5	18.5	39.0	**148**	Q	-	-		75-125	-		20
Lead, Total	208	47.2	172	**0**	Q	-	-		75-125	-		20
Selenium, Total	0.501J	11.1	10.1	91		-	-		75-125	-		20
Silver, Total	ND	27.8	23.3	84		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1264201-3 WG1264201-4 QC Sample: L1932200-07 Client ID: MS Sample												
Mercury, Total	ND	0.14	0.131	94		0.132	95		80-120	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932289

Report Date: 07/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1264087-4 QC Sample: L1932112-03 Client ID: DUP Sample						
Lead, Total	208	126	mg/kg	**49**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

SAMPLE RESULTS

Lab ID: L1932289-01
Client ID: DOC3A-CELL2C-10-190722-1315
Sample Location: ROME, NY

Date Collected: 07/22/19 13:15
Date Received: 07/22/19
Field Prep: Not Specified

Sample Depth:
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	-	07/23/19 04:51	121,2540G	YA

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1932289

Report Date: 07/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1263118-1 QC Sample: L1932382-01 Client ID: DUP Sample						
Solids, Total	91.9	91.8	%	0		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1932289
Report Date: 07/29/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1932289-01A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1932289-01B	Vial water preserved	A	NA		2.9	Y	Absent	23-JUL-19 03:19	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1932289-01C	Vial water preserved	A	NA		2.9	Y	Absent	23-JUL-19 03:19	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1932289-01D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1932289-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1932289-01F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1932289
Project Number:	127887-007	**Report Date:**	07/29/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1932289
Project Number:	127887-007	**Report Date:**	07/29/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 7/23/19

ALPHA Job #: L1932289

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
32289 – 01	DOC3A-CELL2C-10-190722-1315	7/22/2019	13:15	SO	PAF	10	X	X	X							6
Container Type							A	V	A							
Preservative							A	A F	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FAXED	7/22/19 1430		7/22/19 1430
	7/22/19 1430	Wendy Nunnery	7/23/19 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1934621
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/12/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1934621-01	DOC3A-CELL3A-8-190802-1145	SOIL	ROME, NY	08/02/19 11:45	08/02/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1934621
Project Number:	127887-007	**Report Date:**	08/12/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1934621
Project Number:	127887-007	**Report Date:**	08/12/19

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

L1934621-01 (DOC3A-CELL3A-8-190802-1145): The collection date and time on the chain of custody was 22-JUL-19 13:15; however, the collection date/time on the container label was 02-AUG-19 11:45. At the client's request, the collection date/time is reported as 02-AUG-19 11:45.

Volatile Organics

L1934621-01 (DOC3A-CELL3A-8-190802-1145): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Semivolatile Organics

L1934621-01 (DOC3A-CELL3A-8-190802-1145): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

The WG1269932-3 LCSD recoveries, associated with L1934621-01 (DOC3A-CELL3A-8-190802-1145), are below the individual acceptance criteria for 4-chloroaniline (37%) and carbazole (53%), but within the overall method allowances. 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: Kelly Stenstrom

Title: Technical Director/Representative

Date: 08/12/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1934621

Project Number: 127887-007 **Report Date:** 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01 D
Client ID: DOC3A-CELL3A-8-190802-1145
Sample Location: ROME, NY

Date Collected: 08/02/19 11:45
Date Received: 08/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/08/19 07:38
Analyst: NLK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1200	570	4
1,1-Dichloroethane	ND		ug/kg	250	36.	4
Chloroform	ND		ug/kg	370	35.	4
Carbon tetrachloride	ND		ug/kg	250	57.	4
1,2-Dichloropropane	ND		ug/kg	250	31.	4
Dibromochloromethane	ND		ug/kg	250	35.	4
1,1,2-Trichloroethane	ND		ug/kg	250	66.	4
Tetrachloroethene	ND		ug/kg	120	49.	4
Chlorobenzene	ND		ug/kg	120	32.	4
Trichlorofluoromethane	ND		ug/kg	990	170	4
1,2-Dichloroethane	ND		ug/kg	250	64.	4
1,1,1-Trichloroethane	ND		ug/kg	120	42.	4
Bromodichloromethane	ND		ug/kg	120	27.	4
trans-1,3-Dichloropropene	ND		ug/kg	250	68.	4
cis-1,3-Dichloropropene	ND		ug/kg	120	39.	4
1,3-Dichloropropene, Total	ND		ug/kg	120	39.	4
Bromoform	ND		ug/kg	990	61.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	120	41.	4
Benzene	ND		ug/kg	120	41.	4
Toluene	ND		ug/kg	250	130	4
Ethylbenzene	130	J	ug/kg	250	35.	4
Chloromethane	ND		ug/kg	990	230	4
Bromomethane	ND		ug/kg	500	140	4
Vinyl chloride	ND		ug/kg	250	83.	4
Chloroethane	ND		ug/kg	500	110	4
1,1-Dichloroethene	ND		ug/kg	250	59.	4
trans-1,2-Dichloroethene	ND		ug/kg	370	34.	4
Trichloroethene	ND		ug/kg	120	34.	4

Project Name: LOT 3A IRM **Lab Number:** L1934621

Project Number: 127887-007 **Report Date:** 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01 D Date Collected: 08/02/19 11:45

Client ID: DOC3A-CELL3A-8-190802-1145 Date Received: 08/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	500	36.	4
1,3-Dichlorobenzene	ND		ug/kg	500	37.	4
1,4-Dichlorobenzene	ND		ug/kg	500	42.	4
Methyl tert butyl ether	ND		ug/kg	500	50.	4
p/m-Xylene	150	J	ug/kg	500	140	4
o-Xylene	ND		ug/kg	250	72.	4
Xylenes, Total	150	J	ug/kg	250	72.	4
cis-1,2-Dichloroethene	ND		ug/kg	250	43.	4
1,2-Dichloroethene, Total	ND		ug/kg	250	34.	4
Styrene	ND		ug/kg	250	49.	4
Dichlorodifluoromethane	ND		ug/kg	2500	230	4
Acetone	1400	J	ug/kg	2500	1200	4
Carbon disulfide	ND		ug/kg	2500	1100	4
2-Butanone	ND		ug/kg	2500	550	4
4-Methyl-2-pentanone	ND		ug/kg	2500	320	4
2-Hexanone	ND		ug/kg	2500	290	4
Bromochloromethane	ND		ug/kg	500	51.	4
1,2-Dibromoethane	ND		ug/kg	250	69.	4
n-Butylbenzene	ND		ug/kg	250	42.	4
sec-Butylbenzene	ND		ug/kg	250	36.	4
tert-Butylbenzene	ND		ug/kg	500	29.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	740	250	4
Isopropylbenzene	ND		ug/kg	250	27.	4
p-Isopropyltoluene	39	J	ug/kg	250	27.	4
Naphthalene	34000		ug/kg	990	160	4
n-Propylbenzene	ND		ug/kg	250	42.	4
1,2,3-Trichlorobenzene	ND		ug/kg	500	80.	4
1,2,4-Trichlorobenzene	ND		ug/kg	500	68.	4
1,3,5-Trimethylbenzene	93	J	ug/kg	500	48.	4
1,2,4-Trimethylbenzene	230	J	ug/kg	500	83.	4
Methyl Acetate	4500		ug/kg	990	240	4
Cyclohexane	ND		ug/kg	2500	140	4
1,4-Dioxane	ND		ug/kg	20000	8700	4
Freon-113	ND		ug/kg	990	170	4
Methyl cyclohexane	ND		ug/kg	990	150	4

Project Name: LOT 3A IRM **Lab Number:** L1934621

Project Number: 127887-007 **Report Date:** 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01 D
Client ID: DOC3A-CELL3A-8-190802-1145
Sample Location: ROME, NY

Date Collected: 08/02/19 11:45
Date Received: 08/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/08/19 07:12
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1270160-5					
Methylene chloride	130	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/08/19 07:12
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1270160-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	10	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/08/19 07:12
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1270160-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1270160-3 WG1270160-4								
Methylene chloride	103		102		70-130	1		30
1,1-Dichloroethane	109		110		70-130	1		30
Chloroform	102		105		70-130	3		30
Carbon tetrachloride	100		98		70-130	2		30
1,2-Dichloropropane	107		108		70-130	1		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	97		98		70-130	1		30
Tetrachloroethene	90		90		70-130	0		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	115		112		70-139	3		30
1,2-Dichloroethane	109		109		70-130	0		30
1,1,1-Trichloroethane	101		100		70-130	1		30
Bromodichloromethane	97		97		70-130	0		30
trans-1,3-Dichloropropene	97		97		70-130	0		30
cis-1,3-Dichloropropene	99		98		70-130	1		30
Bromoform	89		89		70-130	0		30
1,1,2,2-Tetrachloroethane	90		93		70-130	3		30
Benzene	98		98		70-130	0		30
Toluene	96		95		70-130	1		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	116		112		52-130	4		30
Bromomethane	107		106		57-147	1		30
Vinyl chloride	117		115		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1270160-3 WG1270160-4								
Chloroethane	122		118		50-151	3		30
1,1-Dichloroethene	104		100		65-135	4		30
trans-1,2-Dichloroethene	103		102		70-130	1		30
Trichloroethene	98		97		70-130	1		30
1,2-Dichlorobenzene	90		91		70-130	1		30
1,3-Dichlorobenzene	91		91		70-130	0		30
1,4-Dichlorobenzene	91		92		70-130	1		30
Methyl tert butyl ether	103		103		66-130	0		30
p/m-Xylene	93		93		70-130	0		30
o-Xylene	93		92		70-130	1		30
cis-1,2-Dichloroethene	101		101		70-130	0		30
Styrene	91		92		70-130	1		30
Dichlorodifluoromethane	100		98		30-146	2		30
Acetone	113		114		54-140	1		30
Carbon disulfide	100		100		59-130	0		30
2-Butanone	106		113		70-130	6		30
4-Methyl-2-pentanone	98		99		70-130	1		30
2-Hexanone	89		94		70-130	5		30
Bromochloromethane	100		99		70-130	1		30
1,2-Dibromoethane	96		94		70-130	2		30
n-Butylbenzene	93		93		70-130	0		30
sec-Butylbenzene	90		90		70-130	0		30
tert-Butylbenzene	89		88		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1270160-3 WG1270160-4								
1,2-Dibromo-3-chloropropane	91		85		68-130	7		30
Isopropylbenzene	93		91		70-130	2		30
p-Isopropyltoluene	89		89		70-130	0		30
Naphthalene	86		87		70-130	1		30
n-Propylbenzene	95		94		70-130	1		30
1,2,3-Trichlorobenzene	88		88		70-130	0		30
1,2,4-Trichlorobenzene	88		88		70-130	0		30
1,3,5-Trimethylbenzene	93		91		70-130	2		30
1,2,4-Trimethylbenzene	92		92		70-130	0		30
Methyl Acetate	107		108		51-146	1		30
Cyclohexane	105		104		59-142	1		30
1,4-Dioxane	97		91		65-136	6		30
Freon-113	102		102		50-139	0		30
Methyl cyclohexane	91		93		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		106		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	102		99		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934621
Report Date: 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01
Client ID: DOC3A-CELL3A-8-190802-1145
Sample Location: ROME, NY

Date Collected: 08/02/19 11:45
Date Received: 08/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/11/19 22:19
Analyst: RC
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 08/08/19 09:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6200		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	9200	E	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	14000	E	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	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	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	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2100		ug/kg	120	22.	1
Benzo(a)pyrene	980		ug/kg	150	47.	1

Project Name: LOT 3A IRM **Lab Number:** L1934621

Project Number: 127887-007 **Report Date:** 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01 Date Collected: 08/02/19 11:45

Client ID: DOC3A-CELL3A-8-190802-1145 Date Received: 08/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1400		ug/kg	120	32.	1
Benzo(k)fluoranthene	500		ug/kg	120	31.	1
Chrysene	1600		ug/kg	120	20.	1
Acenaphthylene	270		ug/kg	150	30.	1
Anthracene	2100		ug/kg	120	38.	1
Benzo(ghi)perylene	310		ug/kg	150	23.	1
Fluorene	6200		ug/kg	190	19.	1
Phenanthrene	16000	E	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	390		ug/kg	150	27.	1
Pyrene	6100		ug/kg	120	19.	1
Biphenyl	1700		ug/kg	440	45.	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	80.	1
Dibenzofuran	5300		ug/kg	190	18.	1
2-Methylnaphthalene	6300		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	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	1500		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: LOT 3A IRM **Lab Number:** L1934621

Project Number: 127887-007 **Report Date:** 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01 Date Collected: 08/02/19 11:45

Client ID: DOC3A-CELL3A-8-190802-1145 Date Received: 08/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	68		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01 D
Client ID: DOC3A-CELL3A-8-190802-1145
Sample Location: ROME, NY

Date Collected: 08/02/19 11:45
Date Received: 08/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/12/19 15:00
Analyst: RC
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 08/08/19 09:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	8500		ug/kg	580	110	5
Naphthalene	15000		ug/kg	960	120	5
Phenanthrene	16000		ug/kg	580	120	5

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/08/19 23:47
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/08/19 06:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1269932-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	57.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/08/19 23:47
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/08/19 06:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1269932-1					
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	39.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	63.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/08/19 23:47
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/08/19 06:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1269932-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	51.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	60		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

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: WG1269932-2 WG1269932-3								
Acenaphthene	53		51		31-137	4		50
Hexachlorobenzene	59		57		40-140	3		50
Bis(2-chloroethyl)ether	54		46		40-140	16		50
2-Chloronaphthalene	60		57		40-140	5		50
3,3'-Dichlorobenzidine	54		55		40-140	2		50
2,4-Dinitrotoluene	59		58		40-132	2		50
2,6-Dinitrotoluene	69		70		40-140	1		50
Fluoranthene	58		56		40-140	4		50
4-Chlorophenyl phenyl ether	57		56		40-140	2		50
4-Bromophenyl phenyl ether	59		57		40-140	3		50
Bis(2-chloroisopropyl)ether	52		45		40-140	14		50
Bis(2-chloroethoxy)methane	58		57		40-117	2		50
Hexachlorobutadiene	53		46		40-140	14		50
Hexachlorocyclopentadiene	52		46		40-140	12		50
Hexachloroethane	52		46		40-140	12		50
Isophorone	57		56		40-140	2		50
Naphthalene	55		48		40-140	14		50
Nitrobenzene	61		54		40-140	12		50
NDPA/DPA	57		54		36-157	5		50
n-Nitrosodi-n-propylamine	59		57		32-121	3		50
Bis(2-ethylhexyl)phthalate	59		57		40-140	3		50
Butyl benzyl phthalate	61		58		40-140	5		50
Di-n-butylphthalate	58		56		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

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: WG1269932-2 WG1269932-3								
Di-n-octylphthalate	58		56		40-140	4		50
Diethyl phthalate	58		55		40-140	5		50
Dimethyl phthalate	62		62		40-140	0		50
Benzo(a)anthracene	55		53		40-140	4		50
Benzo(a)pyrene	52		51		40-140	2		50
Benzo(b)fluoranthene	54		53		40-140	2		50
Benzo(k)fluoranthene	56		54		40-140	4		50
Chrysene	54		52		40-140	4		50
Acenaphthylene	60		60		40-140	0		50
Anthracene	55		55		40-140	0		50
Benzo(ghi)perylene	54		53		40-140	2		50
Fluorene	56		54		40-140	4		50
Phenanthrene	53		53		40-140	0		50
Dibenzo(a,h)anthracene	54		52		40-140	4		50
Indeno(1,2,3-cd)pyrene	54		52		40-140	4		50
Pyrene	57		54		35-142	5		50
Biphenyl	60		58		37-127	3		50
4-Chloroaniline	40		**37**	Q	40-140	8		50
2-Nitroaniline	68		72		47-134	6		50
3-Nitroaniline	49		50		26-129	2		50
4-Nitroaniline	59		57		41-125	3		50
Dibenzofuran	56		53		40-140	6		50
2-Methylnaphthalene	58		53		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

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: WG1269932-2 WG1269932-3								
1,2,4,5-Tetrachlorobenzene	60		57		40-117	5		50
Acetophenone	61		56		14-144	9		50
2,4,6-Trichlorophenol	66		66		30-130	0		50
p-Chloro-m-cresol	63		64		26-103	2		50
2-Chlorophenol	59		52		25-102	13		50
2,4-Dichlorophenol	64		65		30-130	2		50
2,4-Dimethylphenol	60		63		30-130	5		50
2-Nitrophenol	67		63		30-130	6		50
4-Nitrophenol	61		61		11-114	0		50
2,4-Dinitrophenol	61		60		4-130	2		50
4,6-Dinitro-o-cresol	64		63		10-130	2		50
Pentachlorophenol	61		59		17-109	3		50
Phenol	59		55		26-90	7		50
2-Methylphenol	61		60		30-130.	2		50
3-Methylphenol/4-Methylphenol	61		60		30-130	2		50
2,4,5-Trichlorophenol	67		65		30-130	3		50
Carbazole	54		**53**	Q	54-128	2		50
Atrazine	77		74		40-140	4		50
Benzaldehyde	56		46		40-140	20		50
Caprolactam	66		66		15-130	0		50
2,3,4,6-Tetrachlorophenol	63		60		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934621

Report Date: 08/12/19

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: WG1269932-2 WG1269932-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		63		25-120
Phenol-d6	74		69		10-120
Nitrobenzene-d5	63		57		23-120
2-Fluorobiphenyl	59		58		30-120
2,4,6-Tribromophenol	84		81		10-136
4-Terphenyl-d14	60		58		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1934621
Report Date: 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01
Client ID: DOC3A-CELL3A-8-190802-1145
Sample Location: ROME, NY
Date Collected: 08/02/19 11:45
Date Received: 08/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.62		mg/kg	0.452	0.094	1	08/07/19 10:00	08/07/19 17:45	EPA 3050B	1,6010D	LC
Barium, Total	33.8		mg/kg	0.452	0.079	1	08/07/19 10:00	08/07/19 17:45	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.452	0.044	1	08/07/19 10:00	08/07/19 17:45	EPA 3050B	1,6010D	LC
Chromium, Total	7.97		mg/kg	0.452	0.043	1	08/07/19 10:00	08/07/19 17:45	EPA 3050B	1,6010D	LC
Lead, Total	3.42		mg/kg	2.26	0.121	1	08/07/19 10:00	08/07/19 17:45	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.075	0.049	1	08/07/19 06:00	08/07/19 11:18	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	0.904	0.116	1	08/07/19 10:00	08/07/19 17:45	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.452	0.128	1	08/07/19 10:00	08/07/19 17:45	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1934621

Project Number: 127887-007 **Report Date:** 08/12/19

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: WG1269426-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/07/19 06:00	08/07/19 10:23	1,7471B	GD

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 Batch: WG1269481-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/07/19 10:00	08/07/19 14:07	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/07/19 10:00	08/07/19 14:07	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/07/19 10:00	08/07/19 14:07	1,6010D	LC
Chromium, Total	0.060	J	mg/kg	0.400	0.038	1	08/07/19 10:00	08/07/19 14:07	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/07/19 10:00	08/07/19 14:07	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/07/19 10:00	08/07/19 14:07	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/07/19 10:00	08/07/19 14:07	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1269426-2 SRM Lot Number: D105-540								
Mercury, Total	97		-		60-141	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1269481-2 SRM Lot Number: D105-540								
Arsenic, Total	92		-		70-130	-		
Barium, Total	78		-		75-125	-		
Cadmium, Total	94		-		75-125	-		
Chromium, Total	79		-		70-130	-		
Lead, Total	84		-		71-128	-		
Selenium, Total	90		-		63-137	-		
Silver, Total	82		-		69-131	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

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 QC Batch ID: WG1269426-3 QC Sample: L1934162-01 Client ID: MS Sample												
Mercury, Total	ND	0.148	0.172	116		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1269481-3 WG1269481-4 QC Sample: L1935081-05 Client ID: MS Sample												
Arsenic, Total	15.4	9.96	21.9	**65**	Q	23.3	77		75-125	6		20
Barium, Total	42.1	166	165	**74**	Q	168	**74**	Q	75-125	2		20
Cadmium, Total	0.161J	4.23	2.93	**69**	Q	3.07	**70**	Q	75-125	5		20
Chromium, Total	57.7	16.6	66.6	**54**	Q	92.0	**200**	Q	75-125	**32**	Q	20
Lead, Total	69.7	42.3	98.5	**68**	Q	180	**253**	Q	75-125	**59**	Q	20
Selenium, Total	0.135J	9.96	7.96	80		8.30	81		75-125	4		20
Silver, Total	ND	24.9	20.0	80		20.6	80		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1269481-7 WG1269481-8 QC Sample: L1935081-10 Client ID: MS Sample												
Arsenic, Total	3.68	9.7	14.1	107		14.8	118		75-125	5		20
Barium, Total	47.5	162	162	**71**	Q	163	**74**	Q	75-125	1		20
Cadmium, Total	0.066J	4.12	2.93	**71**	Q	2.83	**71**	Q	75-125	3		20
Chromium, Total	11.5	16.2	18.3	**42**	Q	17.7	**40**	Q	75-125	3		20
Lead, Total	4.62	41.2	32.9	**68**	Q	32.2	**69**	Q	75-125	2		20
Selenium, Total	ND	9.7	9.26	95		9.12	97		75-125	2		20
Silver, Total	ND	24.2	22.8	94		22.5	96		75-125	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934621

Report Date: 08/12/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1269426-4 QC Sample: L1934162-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

SAMPLE RESULTS

Lab ID: L1934621-01
Client ID: DOC3A-CELL3A-8-190802-1145
Sample Location: ROME, NY

Date Collected: 08/02/19 11:45
Date Received: 08/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	08/03/19 12:48	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1934621

Report Date: 08/12/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1268214-1 QC Sample: L1934642-01 Client ID: DUP Sample						
Solids, Total	85.9	86.2	%	0		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1934621
Report Date: 08/12/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1934621-01A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1934621-01B	Vial water preserved	A	NA		4.2	Y	Absent	03-AUG-19 06:19	NYTCL-8260HLW-R2(14)
L1934621-01C	Vial water preserved	A	NA		4.2	Y	Absent	03-AUG-19 06:19	NYTCL-8260HLW-R2(14)
L1934621-01D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1934621-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1934621-01F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1934621
Project Number:	127887-007	**Report Date:**	08/12/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1934621
Project Number:	127887-007	**Report Date:**	08/12/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1934621
Project Number: 127887-007 **Report Date:** 08/12/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page
of

Date Rec'd in Lab: 8/3/19

ALPHA Job #: L1934621

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #)	☐
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information

H&A Client:	H&A of New York
H&A Address:	200 Town Centre Dr. Ste. 2
Rochester, NY 14623	
H&A Phone:	585-321-4219
H&A Fax:	
H&A Email:	cmondello&haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
34621 -01	DOC3A-CELL3A-8-190802-1145	7/22/2019	13:15	SO	PAF	10	X	X	X							6
Container Type							A	V	A							
Preservative							A	A F	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[illegible]	8/1/19 1515	[illegible]	8/1/19 1515
[illegible]	8/1/19 1515	[illegible]	8/3/19 0035

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1935121
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/13/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1935121-01	DOC3A-CELL5A-8-190806-1300	SOIL	ROME, NY	08/06/19 13:00	08/06/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1935121
Project Number:	127887-007	**Report Date:**	08/13/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1935121
Project Number:	127887-007	**Report Date:**	08/13/19

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

L1935121-01 (DOC3A-CELL5A-8-190806-1300): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Semivolatile Organics

L1935121-01 (DOC3A-CELL5A-8-190806-1300): The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1271080-2/-3 LCS/LCSD recoveries, associated with L1935121-01 (DOC3A-CELL5A-8-190806-1300), are above the individual acceptance criteria for 3,3'-dichlorobenzidine (LCSD at 39%), p-chloro-m-cresol (LCS at 108%) and 4-nitrophenol (LCS at 120%), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects are considered to have a potentially high bias for these compounds.

The WG1271080-2/-3 LCS/LCSD RPDs, associated with L1935121-01 (DOC3A-CELL5A-8-190806-1300), are above the acceptance criteria for acenaphthene (52%), hexachlorobenzene (52%), 2,4-dinitrotoluene (51%), 2,6-dinitrotoluene (52%), fluoranthene (53%), 4-chlorophenyl phenyl ether (53%), 4-bromophenyl phenyl ether (52%), hexachlorocyclopentadiene (55%), n-nitrosodi-n-propylamine (52%), diethyl phthalate (52%), dimethyl phthalate (51%), benzo(a)anthracene (52%), benzo(a)pyrene (51%), benzo(b)fluoranthene (53%), acenaphthylene (51%), anthracene (54%), fluorene (51%), phenanthrene (52%), pyrene (53%), biphenyl (52%), 2-nitroaniline (52%), 4-nitroaniline (51%), 1,2,4,5-tetrachlorobenzene (52%), pentachloronitrobenzene (53%), p-chloro-m-cresol (53%), 4-nitrophenol (53%), 2,4-dinitrophenol (61%), 4,6-dinitro-o-cresol (53%), pentachlorophenol (58%), 2,4,5-trichlorophenol (55%), carbazole (53%) and 2,3,4,6-tetrachlorophenol (56%).

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: Amita Naik

Title: Technical Director/Representative

Date: 08/13/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1935121

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935121-01 D
Client ID: DOC3A-CELL5A-8-190806-1300
Sample Location: ROME, NY

Date Collected: 08/06/19 13:00
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/19 10:31
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1700	760	5
1,1-Dichloroethane	ND		ug/kg	330	48.	5
Chloroform	ND		ug/kg	500	47.	5
Carbon tetrachloride	ND		ug/kg	330	77.	5
1,2-Dichloropropane	ND		ug/kg	330	42.	5
Dibromochloromethane	ND		ug/kg	330	47.	5
1,1,2-Trichloroethane	ND		ug/kg	330	89.	5
Tetrachloroethene	ND		ug/kg	170	65.	5
Chlorobenzene	ND		ug/kg	170	42.	5
Trichlorofluoromethane	ND		ug/kg	1300	230	5
1,2-Dichloroethane	ND		ug/kg	330	86.	5
1,1,1-Trichloroethane	ND		ug/kg	170	56.	5
Bromodichloromethane	ND		ug/kg	170	36.	5
trans-1,3-Dichloropropene	ND		ug/kg	330	91.	5
cis-1,3-Dichloropropene	ND		ug/kg	170	53.	5
Bromoform	ND		ug/kg	1300	82.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	170	55.	5
Benzene	260		ug/kg	170	55.	5
Toluene	370		ug/kg	330	180	5
Ethylbenzene	750		ug/kg	330	47.	5
Chloromethane	ND		ug/kg	1300	310	5
Bromomethane	ND		ug/kg	670	190	5
Vinyl chloride	ND		ug/kg	330	110	5
Chloroethane	ND		ug/kg	670	150	5
1,1-Dichloroethene	ND		ug/kg	330	79.	5
trans-1,2-Dichloroethene	ND		ug/kg	500	46.	5
Trichloroethene	ND		ug/kg	170	46.	5
1,2-Dichlorobenzene	ND		ug/kg	670	48.	5

Project Name: LOT 3A IRM **Lab Number:** L1935121

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935121-01 D
Client ID: DOC3A-CELL5A-8-190806-1300
Sample Location: ROME, NY

Date Collected: 08/06/19 13:00
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	670	49.	5
1,4-Dichlorobenzene	ND		ug/kg	670	57.	5
Methyl tert butyl ether	ND		ug/kg	670	67.	5
p/m-Xylene	780		ug/kg	670	190	5
o-Xylene	290	J	ug/kg	330	97.	5
Xylenes, Total	1100	J	ug/kg	330	97.	5
cis-1,2-Dichloroethene	ND		ug/kg	330	58.	5
Styrene	ND		ug/kg	330	65.	5
Dichlorodifluoromethane	ND		ug/kg	3300	300	5
Acetone	ND		ug/kg	3300	1600	5
Carbon disulfide	ND		ug/kg	3300	1500	5
2-Butanone	ND		ug/kg	3300	740	5
4-Methyl-2-pentanone	ND		ug/kg	3300	430	5
2-Hexanone	ND		ug/kg	3300	390	5
Bromochloromethane	ND		ug/kg	670	68.	5
1,2-Dibromoethane	ND		ug/kg	330	93.	5
n-Butylbenzene	ND		ug/kg	330	56.	5
sec-Butylbenzene	ND		ug/kg	330	49.	5
tert-Butylbenzene	ND		ug/kg	670	39.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	1000	330	5
Isopropylbenzene	64	J	ug/kg	330	36.	5
p-Isopropyltoluene	ND		ug/kg	330	36.	5
Naphthalene	70000		ug/kg	1300	220	5
n-Propylbenzene	ND		ug/kg	330	57.	5
1,2,3-Trichlorobenzene	ND		ug/kg	670	110	5
1,2,4-Trichlorobenzene	ND		ug/kg	670	91.	5
1,3,5-Trimethylbenzene	220	J	ug/kg	670	64.	5
1,2,4-Trimethylbenzene	670		ug/kg	670	110	5
Methyl Acetate	2100		ug/kg	1300	320	5
Cyclohexane	ND		ug/kg	3300	180	5
1,4-Dioxane	ND		ug/kg	27000	12000	5
Freon-113	ND		ug/kg	1300	230	5
Methyl cyclohexane	ND		ug/kg	1300	200	5

Project Name: LOT 3A IRM **Lab Number:** L1935121

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935121-01 D
Client ID: DOC3A-CELL5A-8-190806-1300
Sample Location: ROME, NY

Date Collected: 08/06/19 13:00
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/19 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1271380-5					
Methylene chloride	140	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/19 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1271380-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/19 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1271380-5					
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1271380-3 WG1271380-4								
Methylene chloride	99		98		70-130	1		30
1,1-Dichloroethane	102		100		70-130	2		30
Chloroform	95		94		70-130	1		30
Carbon tetrachloride	91		90		70-130	1		30
1,2-Dichloropropane	99		99		70-130	0		30
Dibromochloromethane	88		89		70-130	1		30
1,1,2-Trichloroethane	96		97		70-130	1		30
Tetrachloroethene	90		89		70-130	1		30
Chlorobenzene	89		89		70-130	0		30
Trichlorofluoromethane	108		104		70-139	4		30
1,2-Dichloroethane	97		98		70-130	1		30
1,1,1-Trichloroethane	91		90		70-130	1		30
Bromodichloromethane	87		88		70-130	1		30
trans-1,3-Dichloropropene	94		94		70-130	0		30
cis-1,3-Dichloropropene	89		90		70-130	1		30
Bromoform	91		93		70-130	2		30
1,1,2,2-Tetrachloroethane	96		97		70-130	1		30
Benzene	91		90		70-130	1		30
Toluene	94		93		70-130	1		30
Ethylbenzene	94		93		70-130	1		30
Chloromethane	119		114		52-130	4		30
Bromomethane	92		91		57-147	1		30
Vinyl chloride	112		108		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1271380-3 WG1271380-4								
Chloroethane	106		101		50-151	5		30
1,1-Dichloroethene	98		94		65-135	4		30
trans-1,2-Dichloroethene	96		93		70-130	3		30
Trichloroethene	89		89		70-130	0		30
1,2-Dichlorobenzene	89		91		70-130	2		30
1,3-Dichlorobenzene	91		91		70-130	0		30
1,4-Dichlorobenzene	91		92		70-130	1		30
Methyl tert butyl ether	92		93		66-130	1		30
p/m-Xylene	90		91		70-130	1		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	93		92		70-130	1		30
Styrene	87		88		70-130	1		30
Dichlorodifluoromethane	109		103		30-146	6		30
Acetone	124		115		54-140	8		30
Carbon disulfide	99		95		59-130	4		30
2-Butanone	116		119		70-130	3		30
4-Methyl-2-pentanone	103		104		70-130	1		30
2-Hexanone	94		97		70-130	3		30
Bromochloromethane	91		90		70-130	1		30
1,2-Dibromoethane	90		94		70-130	4		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	91		91		70-130	0		30
tert-Butylbenzene	89		88		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1271380-3 WG1271380-4								
1,2-Dibromo-3-chloropropane	89		93		68-130	4		30
Isopropylbenzene	93		91		70-130	2		30
p-Isopropyltoluene	90		89		70-130	1		30
Naphthalene	87		90		70-130	3		30
n-Propylbenzene	96		95		70-130	1		30
1,2,3-Trichlorobenzene	86		87		70-130	1		30
1,2,4-Trichlorobenzene	88		90		70-130	2		30
1,3,5-Trimethylbenzene	92		92		70-130	0		30
1,2,4-Trimethylbenzene	92		91		70-130	1		30
Methyl Acetate	109		109		51-146	0		30
Cyclohexane	105		103		59-142	2		30
1,4-Dioxane	97		101		65-136	4		30
Freon-113	98		95		50-139	3		30
Methyl cyclohexane	88		87		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1935121
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935121-01 D
Client ID: DOC3A-CELL5A-8-190806-1300
Sample Location: ROME, NY

Date Collected: 08/06/19 13:00
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/13/19 13:22
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/11/19 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	780	100	5
Hexachlorobenzene	ND		ug/kg	580	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	880	130	5
2-Chloronaphthalene	ND		ug/kg	980	97.	5
3,3'-Dichlorobenzidine	ND		ug/kg	980	260	5
2,4-Dinitrotoluene	ND		ug/kg	980	200	5
2,6-Dinitrotoluene	ND		ug/kg	980	170	5
Fluoranthene	120	J	ug/kg	580	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	980	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	980	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	98.	5
Hexachlorobutadiene	ND		ug/kg	980	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	880	5
Hexachloroethane	ND		ug/kg	780	160	5
Isophorone	ND		ug/kg	880	130	5
Naphthalene	21000		ug/kg	980	120	5
Nitrobenzene	ND		ug/kg	880	140	5
NDPA/DPA	ND		ug/kg	780	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	980	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	980	340	5
Butyl benzyl phthalate	ND		ug/kg	980	240	5
Di-n-butylphthalate	ND		ug/kg	980	180	5
Di-n-octylphthalate	ND		ug/kg	980	330	5
Diethyl phthalate	ND		ug/kg	980	90.	5
Dimethyl phthalate	ND		ug/kg	980	200	5
Benzo(a)anthracene	ND		ug/kg	580	110	5
Benzo(a)pyrene	ND		ug/kg	780	240	5

Project Name: LOT 3A IRM **Lab Number:** L1935121

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935121-01 D Date Collected: 08/06/19 13:00

Client ID: DOC3A-CELL5A-8-190806-1300 Date Received: 08/06/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	580	160	5
Benzo(k)fluoranthene	ND		ug/kg	580	160	5
Chrysene	ND		ug/kg	580	100	5
Acenaphthylene	ND		ug/kg	780	150	5
Anthracene	ND		ug/kg	580	190	5
Benzo(ghi)perylene	ND		ug/kg	780	110	5
Fluorene	100	J	ug/kg	980	95.	5
Phenanthrene	240	J	ug/kg	580	120	5
Dibenzo(a,h)anthracene	ND		ug/kg	580	110	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	780	140	5
Pyrene	99	J	ug/kg	580	97.	5
Biphenyl	ND		ug/kg	2200	230	5
4-Chloroaniline	ND		ug/kg	980	180	5
2-Nitroaniline	ND		ug/kg	980	190	5
3-Nitroaniline	ND		ug/kg	980	180	5
4-Nitroaniline	ND		ug/kg	980	400	5
Dibenzofuran	ND		ug/kg	980	92.	5
2-Methylnaphthalene	630	J	ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	980	100	5
Acetophenone	ND		ug/kg	980	120	5
2,4,6-Trichlorophenol	ND		ug/kg	580	180	5
p-Chloro-m-cresol	ND		ug/kg	980	140	5
2-Chlorophenol	ND		ug/kg	980	120	5
2,4-Dichlorophenol	ND		ug/kg	880	160	5
2,4-Dimethylphenol	ND		ug/kg	980	320	5
2-Nitrophenol	ND		ug/kg	2100	370	5
4-Nitrophenol	ND		ug/kg	1400	400	5
2,4-Dinitrophenol	ND		ug/kg	4700	450	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	470	5
Pentachlorophenol	ND		ug/kg	780	210	5
Phenol	ND		ug/kg	980	150	5
2-Methylphenol	ND		ug/kg	980	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5
2,4,5-Trichlorophenol	ND		ug/kg	980	190	5
Carbazole	190	J	ug/kg	980	95.	5
Atrazine	ND		ug/kg	780	340	5
Benzaldehyde	ND		ug/kg	1300	260	5

Project Name: LOT 3A IRM **Lab Number:** L1935121

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935121-01 D
Client ID: DOC3A-CELL5A-8-190806-1300
Sample Location: ROME, NY

Date Collected: 08/06/19 13:00
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	980	300	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	980	200	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	77		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/12/19 14:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/11/19 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271080-1					
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/12/19 14:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/11/19 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271080-1					
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	20.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/12/19 14:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/11/19 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271080-1					
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	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	71		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

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: WG1271080-2 WG1271080-3								
Acenaphthene	90		53		31-137	**52**	Q	50
Hexachlorobenzene	94		55		40-140	**52**	Q	50
Bis(2-chloroethyl)ether	78		49		40-140	46		50
2-Chloronaphthalene	97		58		40-140	50		50
3,3'-Dichlorobenzidine	59		**39**	Q	40-140	41		50
2,4-Dinitrotoluene	115		68		40-132	**51**	Q	50
2,6-Dinitrotoluene	117		69		40-140	**52**	Q	50
Fluoranthene	98		57		40-140	**53**	Q	50
4-Chlorophenyl phenyl ether	96		56		40-140	**53**	Q	50
4-Bromophenyl phenyl ether	94		55		40-140	**52**	Q	50
Bis(2-chloroisopropyl)ether	68		44		40-140	43		50
Bis(2-chloroethoxy)methane	82		52		40-117	45		50
Hexachlorobutadiene	90		58		40-140	43		50
Hexachlorocyclopentadiene	74		42		40-140	**55**	Q	50
Hexachloroethane	81		56		40-140	36		50
Isophorone	86		53		40-140	47		50
Naphthalene	87		53		40-140	49		50
Nitrobenzene	92		56		40-140	49		50
NDPA/DPA	97		58		36-157	50		50
n-Nitrosodi-n-propylamine	89		52		32-121	**52**	Q	50
Bis(2-ethylhexyl)phthalate	107		66		40-140	47		50
Butyl benzyl phthalate	109		66		40-140	49		50
Di-n-butylphthalate	102		61		40-140	50		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

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: WG1271080-2 WG1271080-3								
Di-n-octylphthalate	108		65		40-140	50		50
Diethyl phthalate	102		60		40-140	**52**	Q	50
Dimethyl phthalate	103		61		40-140	**51**	Q	50
Benzo(a)anthracene	99		58		40-140	**52**	Q	50
Benzo(a)pyrene	94		56		40-140	**51**	Q	50
Benzo(b)fluoranthene	100		58		40-140	**53**	Q	50
Benzo(k)fluoranthene	96		60		40-140	46		50
Chrysene	93		56		40-140	50		50
Acenaphthylene	101		60		40-140	**51**	Q	50
Anthracene	96		55		40-140	**54**	Q	50
Benzo(ghi)perylene	100		60		40-140	50		50
Fluorene	94		56		40-140	**51**	Q	50
Phenanthrene	90		53		40-140	**52**	Q	50
Dibenzo(a,h)anthracene	94		57		40-140	49		50
Indeno(1,2,3-cd)pyrene	96		58		40-140	49		50
Pyrene	98		57		35-142	**53**	Q	50
Biphenyl	99		58		37-127	**52**	Q	50
4-Chloroaniline	63		43		40-140	38		50
2-Nitroaniline	124		73		47-134	**52**	Q	50
3-Nitroaniline	82		56		26-129	38		50
4-Nitroaniline	101		60		41-125	**51**	Q	50
Dibenzofuran	96		58		40-140	49		50
2-Methylnaphthalene	90		54		40-140	50		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

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: WG1271080-2 WG1271080-3								
1,2,4,5-Tetrachlorobenzene	94		55		40-117	**52**	Q	50
Acetophenone	87		55		14-144	45		50
2,4,6-Trichlorophenol	102		61		30-130	50		50
p-Chloro-m-cresol	**108**	Q	63		26-103	**53**	Q	50
2-Chlorophenol	87		56		25-102	43		50
2,4-Dichlorophenol	97		60		30-130	47		50
2,4-Dimethylphenol	102		62		30-130	49		50
2-Nitrophenol	114		74		30-130	43		50
4-Nitrophenol	**120**	Q	70		11-114	**53**	Q	50
2,4-Dinitrophenol	105		56		4-130	**61**	Q	50
4,6-Dinitro-o-cresol	125		73		10-130	**53**	Q	50
Pentachlorophenol	91		50		17-109	**58**	Q	50
Phenol	86		53		26-90	47		50
2-Methylphenol	88		56		30-130.	44		50
3-Methylphenol/4-Methylphenol	97		59		30-130	49		50
2,4,5-Trichlorophenol	111		63		30-130	**55**	Q	50
Carbazole	96		56		54-128	**53**	Q	50
Atrazine	102		62		40-140	49		50
Benzaldehyde	86		56		40-140	42		50
Caprolactam	97		58		15-130	50		50
2,3,4,6-Tetrachlorophenol	101		57		40-140	**56**	Q	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1935121

Report Date: 08/13/19

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: WG1271080-2 WG1271080-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		52		25-120
Phenol-d6	86		52		10-120
Nitrobenzene-d5	90		57		23-120
2-Fluorobiphenyl	92		54		30-120
2,4,6-Tribromophenol	96		53		10-136
4-Terphenyl-d14	88		52		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1935121
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935121-01
Client ID: DOC3A-CELL5A-8-190806-1300
Sample Location: ROME, NY
Date Collected: 08/06/19 13:00
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.31		mg/kg	0.461	0.096	1	08/08/19 20:25	08/09/19 17:04	EPA 3050B	1,6010D	LC
Barium, Total	48.0		mg/kg	0.461	0.080	1	08/08/19 20:25	08/09/19 17:04	EPA 3050B	1,6010D	LC
Cadmium, Total	0.493		mg/kg	0.461	0.045	1	08/08/19 20:25	08/09/19 17:04	EPA 3050B	1,6010D	LC
Chromium, Total	10.8		mg/kg	0.461	0.044	1	08/08/19 20:25	08/09/19 17:04	EPA 3050B	1,6010D	LC
Lead, Total	5.23		mg/kg	2.31	0.124	1	08/08/19 20:25	08/09/19 17:04	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.075	0.049	1	08/09/19 05:00	08/12/19 14:03	EPA 7471B	1,7471B	GD
Selenium, Total	0.489	J	mg/kg	0.922	0.119	1	08/08/19 20:25	08/09/19 17:04	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.461	0.130	1	08/08/19 20:25	08/09/19 17:04	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1935121

Project Number: 127887-007 **Report Date:** 08/13/19

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: WG1270290-1										
Arsenic, Total	0.148	J	mg/kg	0.400	0.083	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC

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 Batch: WG1270413-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/09/19 05:00	08/12/19 12:49	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1270290-2 SRM Lot Number: D105-540								
Arsenic, Total	93		-		70-130	-		
Barium, Total	83		-		75-125	-		
Cadmium, Total	89		-		75-125	-		
Chromium, Total	84		-		70-130	-		
Lead, Total	87		-		71-128	-		
Selenium, Total	92		-		63-137	-		
Silver, Total	85		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1270413-2 SRM Lot Number: D105-540								
Mercury, Total	99		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

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 QC Batch ID: WG1270290-3 WG1270290-4 QC Sample: L1934860-01 Client ID: MS Sample												
Arsenic, Total	3.38	10.1	12.7	92		12.3	89		75-125	3		20
Barium, Total	39.3	168	195	93		213	104		75-125	9		20
Cadmium, Total	1.73	4.28	4.85	**73**	Q	5.24	82		75-125	8		20
Chromium, Total	17.8	16.8	27.0	**55**	Q	28.7	**65**	Q	75-125	6		20
Lead, Total	70.0	42.8	97.2	**64**	Q	151	**190**	Q	75-125	**43**	Q	20
Selenium, Total	0.806J	10.1	10.0	99		10.1	100		75-125	1		20
Silver, Total	ND	25.2	24.7	98		24.2	96		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1270413-3 WG1270413-4 QC Sample: L1934860-01 Client ID: MS Sample												
Mercury, Total	0.178	0.134	0.277	**74**	Q	0.337	119		80-120	20		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935121-01
Client ID: DOC3A-CELL5A-8-190806-1300
Sample Location: ROME, NY

Date Collected: 08/06/19 13:00
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	08/07/19 08:34	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1935121

Report Date: 08/13/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1269482-1 QC Sample: L1934659-01 Client ID: DUP Sample						
Solids, Total	87.7	89.0	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935121
Report Date: 08/13/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1935121-01A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1935121-01B	Vial water preserved	A	NA		2.7	Y	Absent	07-AUG-19 06:50	NYTCL-8260HLW(14)
L1935121-01C	Vial water preserved	A	NA		2.7	Y	Absent	07-AUG-19 06:50	NYTCL-8260HLW(14)
L1935121-01D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L1935121-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1935121-01F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1935121
Project Number:	127887-007	**Report Date:**	08/13/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1935121
Project Number:	127887-007	**Report Date:**	08/13/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1935121
Project Number:	127887-007	**Report Date:**	08/13/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/7/19

ALPHA Job #: L1935121

H&A Information
H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information
Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)
Note: Select State from menu & identify criteria.

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
35121 -01	DOC3A-CELL5A-8-190806-1300	8/6/2019	13:00	SO	PAF	8	X	X	X							6
Container Type							A	V	A							
Preservative							A	AF	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[signature]	8/6/19 1755	[signature]	8/6/19 1755
[signature]	8/6/19 1755	[signature]	8/7/19 0625

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1935122
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/13/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1935122-01	DOC3A-CELL4A-8-190806-0845	SOIL	ROME, NY	08/06/19 08:45	08/06/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1935122
Project Number:	127887-007	**Report Date:**	08/13/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1935122
Project Number:	127887-007	**Report Date:**	08/13/19

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

L1935122-01 (DOC3A-CELL4A-8-190806-0845): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Semivolatile Organics

The WG1271080-2/-3 LCS/LCSD recoveries, associated with L1935122-01 (DOC3A-CELL4A-8-190806-0845), are above the individual acceptance criteria for 3,3'-dichlorobenzidine (LCSD at 39%), p-chloro-m-cresol (LCS at 108%) and 4-nitrophenol (LCS at 120%), but within the overall method allowances. The results of the associated sample are reported; however, all positive detects are considered to have a potentially high for these compounds.

The WG1271080-2/-3 LCS/LCSD RPDs, associated with L1935122-01 (DOC3A-CELL4A-8-190806-0845), are above the acceptance criteria for acenaphthene (52%), hexachlorobenzene (52%), 2,4-dinitrotoluene (51%), 2,6-dinitrotoluene (52%), fluoranthene (53%), 4-chlorophenyl phenyl ether (53%), 4-bromophenyl phenyl ether (52%), hexachlorocyclopentadiene (55%), n-nitrosodi-n-propylamine (52%), diethyl phthalate (52%), dimethyl phthalate (51%), benzo(a)anthracene (52%), benzo(a)pyrene (51%), benzo(b)fluoranthene (53%), acenaphthylene (51%), anthracene (54%), fluorene (51%), phenanthrene (52%), pyrene (53%), biphenyl (52%), 2-nitroaniline (52%), 4-nitroaniline (51%), 1,2,4,5-tetrachlorobenzene (52%), p-chloro-m-cresol (53%), 4-nitrophenol (53%), 2,4-dinitrophenol (61%), 4,6-dinitro-o-cresol (53%), pentachlorophenol (58%), 2,4,5-trichlorophenol (55%), carbazole (53%) and 2,3,4,6-tetrachlorophenol (56%).

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: Amita Naik

Title: Technical Director/Representative

Date: 08/13/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1935122

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935122-01 D
Client ID: DOC3A-CELL4A-8-190806-0845
Sample Location: ROME, NY

Date Collected: 08/06/19 08:45
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/19 07:55
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	650	300	2.5
1,1-Dichloroethane	ND		ug/kg	130	19.	2.5
Chloroform	ND		ug/kg	200	18.	2.5
Carbon tetrachloride	ND		ug/kg	130	30.	2.5
1,2-Dichloropropane	ND		ug/kg	130	16.	2.5
Dibromochloromethane	ND		ug/kg	130	18.	2.5
1,1,2-Trichloroethane	ND		ug/kg	130	35.	2.5
Tetrachloroethene	ND		ug/kg	65	26.	2.5
Chlorobenzene	ND		ug/kg	65	17.	2.5
Trichlorofluoromethane	ND		ug/kg	520	91.	2.5
1,2-Dichloroethane	ND		ug/kg	130	34.	2.5
1,1,1-Trichloroethane	ND		ug/kg	65	22.	2.5
Bromodichloromethane	ND		ug/kg	65	14.	2.5
trans-1,3-Dichloropropene	ND		ug/kg	130	36.	2.5
cis-1,3-Dichloropropene	ND		ug/kg	65	21.	2.5
Bromoform	ND		ug/kg	520	32.	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	65	22.	2.5
Benzene	31	J	ug/kg	65	22.	2.5
Toluene	ND		ug/kg	130	71.	2.5
Ethylbenzene	140		ug/kg	130	18.	2.5
Chloromethane	ND		ug/kg	520	120	2.5
Bromomethane	ND		ug/kg	260	76.	2.5
Vinyl chloride	ND		ug/kg	130	44.	2.5
Chloroethane	ND		ug/kg	260	59.	2.5
1,1-Dichloroethene	ND		ug/kg	130	31.	2.5
trans-1,2-Dichloroethene	ND		ug/kg	200	18.	2.5
Trichloroethene	ND		ug/kg	65	18.	2.5
1,2-Dichlorobenzene	ND		ug/kg	260	19.	2.5

Project Name: LOT 3A IRM **Lab Number:** L1935122

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935122-01 D Date Collected: 08/06/19 08:45

Client ID: DOC3A-CELL4A-8-190806-0845 Date Received: 08/06/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	260	19.	2.5
1,4-Dichlorobenzene	ND		ug/kg	260	22.	2.5
Methyl tert butyl ether	ND		ug/kg	260	26.	2.5
p/m-Xylene	140	J	ug/kg	260	73.	2.5
o-Xylene	44	J	ug/kg	130	38.	2.5
Xylenes, Total	180	J	ug/kg	130	38.	2.5
cis-1,2-Dichloroethene	ND		ug/kg	130	23.	2.5
Styrene	ND		ug/kg	130	26.	2.5
Dichlorodifluoromethane	ND		ug/kg	1300	120	2.5
Acetone	ND		ug/kg	1300	630	2.5
Carbon disulfide	ND		ug/kg	1300	600	2.5
2-Butanone	ND		ug/kg	1300	290	2.5
4-Methyl-2-pentanone	ND		ug/kg	1300	170	2.5
2-Hexanone	ND		ug/kg	1300	150	2.5
Bromochloromethane	ND		ug/kg	260	27.	2.5
1,2-Dibromoethane	ND		ug/kg	130	36.	2.5
n-Butylbenzene	ND		ug/kg	130	22.	2.5
sec-Butylbenzene	ND		ug/kg	130	19.	2.5
tert-Butylbenzene	ND		ug/kg	260	15.	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	390	130	2.5
Isopropylbenzene	23	J	ug/kg	130	14.	2.5
p-Isopropyltoluene	17	J	ug/kg	130	14.	2.5
Naphthalene	15000		ug/kg	520	85.	2.5
n-Propylbenzene	ND		ug/kg	130	22.	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	260	42.	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	260	36.	2.5
1,3,5-Trimethylbenzene	66	J	ug/kg	260	25.	2.5
1,2,4-Trimethylbenzene	160	J	ug/kg	260	44.	2.5
Methyl Acetate	1600		ug/kg	520	120	2.5
Cyclohexane	ND		ug/kg	1300	71.	2.5
1,4-Dioxane	ND		ug/kg	10000	4600	2.5
Freon-113	ND		ug/kg	520	91.	2.5
Methyl cyclohexane	ND		ug/kg	520	79.	2.5

Project Name: LOT 3A IRM **Lab Number:** L1935122

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935122-01 D
Client ID: DOC3A-CELL4A-8-190806-0845
Sample Location: ROME, NY

Date Collected: 08/06/19 08:45
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/19 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1271380-5					
Methylene chloride	140	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/19 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1271380-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/19 07:02
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1271380-5					
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1271380-3 WG1271380-4								
Methylene chloride	99		98		70-130	1		30
1,1-Dichloroethane	102		100		70-130	2		30
Chloroform	95		94		70-130	1		30
Carbon tetrachloride	91		90		70-130	1		30
1,2-Dichloropropane	99		99		70-130	0		30
Dibromochloromethane	88		89		70-130	1		30
1,1,2-Trichloroethane	96		97		70-130	1		30
Tetrachloroethene	90		89		70-130	1		30
Chlorobenzene	89		89		70-130	0		30
Trichlorofluoromethane	108		104		70-139	4		30
1,2-Dichloroethane	97		98		70-130	1		30
1,1,1-Trichloroethane	91		90		70-130	1		30
Bromodichloromethane	87		88		70-130	1		30
trans-1,3-Dichloropropene	94		94		70-130	0		30
cis-1,3-Dichloropropene	89		90		70-130	1		30
Bromoform	91		93		70-130	2		30
1,1,2,2-Tetrachloroethane	96		97		70-130	1		30
Benzene	91		90		70-130	1		30
Toluene	94		93		70-130	1		30
Ethylbenzene	94		93		70-130	1		30
Chloromethane	119		114		52-130	4		30
Bromomethane	92		91		57-147	1		30
Vinyl chloride	112		108		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1271380-3 WG1271380-4								
Chloroethane	106		101		50-151	5		30
1,1-Dichloroethene	98		94		65-135	4		30
trans-1,2-Dichloroethene	96		93		70-130	3		30
Trichloroethene	89		89		70-130	0		30
1,2-Dichlorobenzene	89		91		70-130	2		30
1,3-Dichlorobenzene	91		91		70-130	0		30
1,4-Dichlorobenzene	91		92		70-130	1		30
Methyl tert butyl ether	92		93		66-130	1		30
p/m-Xylene	90		91		70-130	1		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	93		92		70-130	1		30
Styrene	87		88		70-130	1		30
Dichlorodifluoromethane	109		103		30-146	6		30
Acetone	124		115		54-140	8		30
Carbon disulfide	99		95		59-130	4		30
2-Butanone	116		119		70-130	3		30
4-Methyl-2-pentanone	103		104		70-130	1		30
2-Hexanone	94		97		70-130	3		30
Bromochloromethane	91		90		70-130	1		30
1,2-Dibromoethane	90		94		70-130	4		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	91		91		70-130	0		30
tert-Butylbenzene	89		88		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1271380-3 WG1271380-4								
1,2-Dibromo-3-chloropropane	89		93		68-130	4		30
Isopropylbenzene	93		91		70-130	2		30
p-Isopropyltoluene	90		89		70-130	1		30
Naphthalene	87		90		70-130	3		30
n-Propylbenzene	96		95		70-130	1		30
1,2,3-Trichlorobenzene	86		87		70-130	1		30
1,2,4-Trichlorobenzene	88		90		70-130	2		30
1,3,5-Trimethylbenzene	92		92		70-130	0		30
1,2,4-Trimethylbenzene	92		91		70-130	1		30
Methyl Acetate	109		109		51-146	0		30
Cyclohexane	105		103		59-142	2		30
1,4-Dioxane	97		101		65-136	4		30
Freon-113	98		95		50-139	3		30
Methyl cyclohexane	88		87		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1935122
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935122-01
Client ID: DOC3A-CELL4A-8-190806-0845
Sample Location: ROME, NY

Date Collected: 08/06/19 08:45
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/12/19 19:23
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/11/19 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	570		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	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	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	5700		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	30.	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	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: LOT 3A IRM **Lab Number:** L1935122

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935122-01 Date Collected: 08/06/19 08:45

Client ID: DOC3A-CELL4A-8-190806-0845 Date Received: 08/06/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	300		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	130	J	ug/kg	190	19.	1
Phenanthrene	310		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	240	J	ug/kg	440	45.	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	80.	1
Dibenzofuran	540		ug/kg	190	18.	1
2-Methylnaphthalene	750		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	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	78	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: LOT 3A IRM **Lab Number:** L1935122

Project Number: 127887-007 **Report Date:** 08/13/19

SAMPLE RESULTS

Lab ID: L1935122-01 Date Collected: 08/06/19 08:45

Client ID: DOC3A-CELL4A-8-190806-0845 Date Received: 08/06/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	64		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/12/19 14:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/11/19 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271080-1					
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/12/19 14:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/11/19 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271080-1					
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	20.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/12/19 14:09
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/11/19 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1271080-1					
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	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	71		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

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: WG1271080-2 WG1271080-3								
Acenaphthene	90		53		31-137	**52**	Q	50
Hexachlorobenzene	94		55		40-140	**52**	Q	50
Bis(2-chloroethyl)ether	78		49		40-140	46		50
2-Chloronaphthalene	97		58		40-140	50		50
3,3'-Dichlorobenzidine	59		**39**	Q	40-140	41		50
2,4-Dinitrotoluene	115		68		40-132	**51**	Q	50
2,6-Dinitrotoluene	117		69		40-140	**52**	Q	50
Fluoranthene	98		57		40-140	**53**	Q	50
4-Chlorophenyl phenyl ether	96		56		40-140	**53**	Q	50
4-Bromophenyl phenyl ether	94		55		40-140	**52**	Q	50
Bis(2-chloroisopropyl)ether	68		44		40-140	43		50
Bis(2-chloroethoxy)methane	82		52		40-117	45		50
Hexachlorobutadiene	90		58		40-140	43		50
Hexachlorocyclopentadiene	74		42		40-140	**55**	Q	50
Hexachloroethane	81		56		40-140	36		50
Isophorone	86		53		40-140	47		50
Naphthalene	87		53		40-140	49		50
Nitrobenzene	92		56		40-140	49		50
NDPA/DPA	97		58		36-157	50		50
n-Nitrosodi-n-propylamine	89		52		32-121	**52**	Q	50
Bis(2-ethylhexyl)phthalate	107		66		40-140	47		50
Butyl benzyl phthalate	109		66		40-140	49		50
Di-n-butylphthalate	102		61		40-140	50		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

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: WG1271080-2 WG1271080-3								
Di-n-octylphthalate	108		65		40-140	50		50
Diethyl phthalate	102		60		40-140	**52**	Q	50
Dimethyl phthalate	103		61		40-140	**51**	Q	50
Benzo(a)anthracene	99		58		40-140	**52**	Q	50
Benzo(a)pyrene	94		56		40-140	**51**	Q	50
Benzo(b)fluoranthene	100		58		40-140	**53**	Q	50
Benzo(k)fluoranthene	96		60		40-140	46		50
Chrysene	93		56		40-140	50		50
Acenaphthylene	101		60		40-140	**51**	Q	50
Anthracene	96		55		40-140	**54**	Q	50
Benzo(ghi)perylene	100		60		40-140	50		50
Fluorene	94		56		40-140	**51**	Q	50
Phenanthrene	90		53		40-140	**52**	Q	50
Dibenzo(a,h)anthracene	94		57		40-140	49		50
Indeno(1,2,3-cd)pyrene	96		58		40-140	49		50
Pyrene	98		57		35-142	**53**	Q	50
Biphenyl	99		58		37-127	**52**	Q	50
4-Chloroaniline	63		43		40-140	38		50
2-Nitroaniline	124		73		47-134	**52**	Q	50
3-Nitroaniline	82		56		26-129	38		50
4-Nitroaniline	101		60		41-125	**51**	Q	50
Dibenzofuran	96		58		40-140	49		50
2-Methylnaphthalene	90		54		40-140	50		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

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: WG1271080-2 WG1271080-3								
1,2,4,5-Tetrachlorobenzene	94		55		40-117	**52**	Q	50
Acetophenone	87		55		14-144	45		50
2,4,6-Trichlorophenol	102		61		30-130	50		50
p-Chloro-m-cresol	**108**	Q	63		26-103	**53**	Q	50
2-Chlorophenol	87		56		25-102	43		50
2,4-Dichlorophenol	97		60		30-130	47		50
2,4-Dimethylphenol	102		62		30-130	49		50
2-Nitrophenol	114		74		30-130	43		50
4-Nitrophenol	**120**	Q	70		11-114	**53**	Q	50
2,4-Dinitrophenol	105		56		4-130	**61**	Q	50
4,6-Dinitro-o-cresol	125		73		10-130	**53**	Q	50
Pentachlorophenol	91		50		17-109	**58**	Q	50
Phenol	86		53		26-90	47		50
2-Methylphenol	88		56		30-130.	44		50
3-Methylphenol/4-Methylphenol	97		59		30-130	49		50
2,4,5-Trichlorophenol	111		63		30-130	**55**	Q	50
Carbazole	96		56		54-128	**53**	Q	50
Atrazine	102		62		40-140	49		50
Benzaldehyde	86		56		40-140	42		50
Caprolactam	97		58		15-130	50		50
2,3,4,6-Tetrachlorophenol	101		57		40-140	**56**	Q	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1935122

Report Date: 08/13/19

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: WG1271080-2 WG1271080-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		52		25-120
Phenol-d6	86		52		10-120
Nitrobenzene-d5	90		57		23-120
2-Fluorobiphenyl	92		54		30-120
2,4,6-Tribromophenol	96		53		10-136
4-Terphenyl-d14	88		52		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1935122
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935122-01
Client ID: DOC3A-CELL4A-8-190806-0845
Sample Location: ROME, NY
Date Collected: 08/06/19 08:45
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.37		mg/kg	0.460	0.096	1	08/08/19 20:25	08/09/19 17:23	EPA 3050B	1,6010D	LC
Barium, Total	38.4		mg/kg	0.460	0.080	1	08/08/19 20:25	08/09/19 17:23	EPA 3050B	1,6010D	LC
Cadmium, Total	0.414	J	mg/kg	0.460	0.045	1	08/08/19 20:25	08/09/19 17:23	EPA 3050B	1,6010D	LC
Chromium, Total	8.89		mg/kg	0.460	0.044	1	08/08/19 20:25	08/09/19 17:23	EPA 3050B	1,6010D	LC
Lead, Total	4.27		mg/kg	2.30	0.123	1	08/08/19 20:25	08/09/19 17:23	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.074	0.048	1	08/09/19 05:00	08/12/19 14:05	EPA 7471B	1,7471B	GD
Selenium, Total	0.312	J	mg/kg	0.919	0.118	1	08/08/19 20:25	08/09/19 17:23	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.460	0.130	1	08/08/19 20:25	08/09/19 17:23	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1935122

Project Number: 127887-007 **Report Date:** 08/13/19

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: WG1270290-1										
Arsenic, Total	0.148	J	mg/kg	0.400	0.083	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/08/19 20:25	08/09/19 14:38	1,6010D	LC

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 Batch: WG1270413-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/09/19 05:00	08/12/19 12:49	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1270290-2 SRM Lot Number: D105-540								
Arsenic, Total	93		-		70-130	-		
Barium, Total	83		-		75-125	-		
Cadmium, Total	89		-		75-125	-		
Chromium, Total	84		-		70-130	-		
Lead, Total	87		-		71-128	-		
Selenium, Total	92		-		63-137	-		
Silver, Total	85		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1270413-2 SRM Lot Number: D105-540								
Mercury, Total	99		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

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 QC Batch ID: WG1270290-3 WG1270290-4 QC Sample: L1934860-01 Client ID: MS Sample												
Arsenic, Total	3.38	10.1	12.7	92		12.3	89		75-125	3		20
Barium, Total	39.3	168	195	93		213	104		75-125	9		20
Cadmium, Total	1.73	4.28	4.85	**73**	Q	5.24	82		75-125	8		20
Chromium, Total	17.8	16.8	27.0	**55**	Q	28.7	**65**	Q	75-125	6		20
Lead, Total	70.0	42.8	97.2	**64**	Q	151	**190**	Q	75-125	**43**	Q	20
Selenium, Total	0.806J	10.1	10.0	99		10.1	100		75-125	1		20
Silver, Total	ND	25.2	24.7	98		24.2	96		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1270413-3 WG1270413-4 QC Sample: L1934860-01 Client ID: MS Sample												
Mercury, Total	0.178	0.134	0.277	**74**	Q	0.337	119		80-120	20		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

SAMPLE RESULTS

Lab ID: L1935122-01
Client ID: DOC3A-CELL4A-8-190806-0845
Sample Location: ROME, NY

Date Collected: 08/06/19 08:45
Date Received: 08/06/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	08/07/19 08:34	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1935122

Report Date: 08/13/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1269482-1 QC Sample: L1934659-01 Client ID: DUP Sample						
Solids, Total	87.7	89.0	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1935122
Report Date: 08/13/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1935122-01A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1935122-01B	Vial water preserved	A	NA		2.7	Y	Absent	07-AUG-19 06:50	NYTCL-8260HLW(14)
L1935122-01C	Vial water preserved	A	NA		2.7	Y	Absent	07-AUG-19 06:50	NYTCL-8260HLW(14)
L1935122-01D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L1935122-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1935122-01F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1935122
Project Number:	127887-007	**Report Date:**	08/13/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1935122
Project Number:	127887-007	**Report Date:**	08/13/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1935122
Project Number:	127887-007	**Report Date:**	08/13/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/7/19

ALPHA Job #: L1935122

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
35122 -01	DOC3A-CELL4A-8-190806-0845	8/6/2019	8:45	SO	PAF	8	X	X	X							6
Container Type							A	V	A							
Preservative							A	A	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
	8/6/19 1755	AAZ	8/6/19 1755
	8/6/19 1705		8/7/19 0245

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1937007
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/22/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1937007-01	DOC3A-CELL3B-08-190815-1430	SOIL	ROME, NY	08/15/19 14:30	08/15/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1937007
Project Number:	127887-007	**Report Date:**	08/22/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1937007
Project Number:	127887-007	**Report Date:**	08/22/19

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

L1937007-01 (DOC3A-CELL3B-08-190815-1430): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Semivolatile Organics

L1937007-01 (DOC3A-CELL3B-08-190815-1430): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1937007-01 (DOC3A-CELL3B-08-190815-1430): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compounds that exceeded the calibration range.

L1937007-01 (DOC3A-CELL3B-08-190815-1430): The surrogate recoveies are outside the individual acceptance criteria for 2-fluorophenol (17%) and nitrobenzene-d5 (20%), but within the overall method allowances. The results of the original analysis 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/22/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1937007

Project Number: 127887-007 **Report Date:** 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01 D
Client ID: DOC3A-CELL3B-08-190815-1430
Sample Location: ROME, NY

Date Collected: 08/15/19 14:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/20/19 14:41
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	5100	2300	20
1,1-Dichloroethane	ND		ug/kg	1000	150	20
Chloroform	ND		ug/kg	1500	140	20
Carbon tetrachloride	ND		ug/kg	1000	240	20
1,2-Dichloropropane	ND		ug/kg	1000	130	20
Dibromochloromethane	ND		ug/kg	1000	140	20
1,1,2-Trichloroethane	ND		ug/kg	1000	270	20
Tetrachloroethene	ND		ug/kg	510	200	20
Chlorobenzene	ND		ug/kg	510	130	20
Trichlorofluoromethane	ND		ug/kg	4100	710	20
1,2-Dichloroethane	ND		ug/kg	1000	260	20
1,1,1-Trichloroethane	ND		ug/kg	510	170	20
Bromodichloromethane	ND		ug/kg	510	110	20
trans-1,3-Dichloropropene	ND		ug/kg	1000	280	20
cis-1,3-Dichloropropene	ND		ug/kg	510	160	20
1,3-Dichloropropene, Total	ND		ug/kg	510	160	20
Bromoform	ND		ug/kg	4100	250	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	510	170	20
Benzene	ND		ug/kg	510	170	20
Toluene	ND		ug/kg	1000	560	20
Ethylbenzene	1400		ug/kg	1000	140	20
Chloromethane	ND		ug/kg	4100	950	20
Bromomethane	ND		ug/kg	2000	600	20
Vinyl chloride	ND		ug/kg	1000	340	20
Chloroethane	ND		ug/kg	2000	460	20
1,1-Dichloroethene	ND		ug/kg	1000	240	20
trans-1,2-Dichloroethene	ND		ug/kg	1500	140	20
Trichloroethene	ND		ug/kg	510	140	20

Project Name: LOT 3A IRM **Lab Number:** L1937007

Project Number: 127887-007 **Report Date:** 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01 D Date Collected: 08/15/19 14:30

Client ID: DOC3A-CELL3B-08-190815-1430 Date Received: 08/15/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2000	150	20
1,3-Dichlorobenzene	ND		ug/kg	2000	150	20
1,4-Dichlorobenzene	ND		ug/kg	2000	180	20
Methyl tert butyl ether	ND		ug/kg	2000	200	20
p/m-Xylene	2100		ug/kg	2000	570	20
o-Xylene	680	J	ug/kg	1000	300	20
Xylenes, Total	2800	J	ug/kg	1000	300	20
cis-1,2-Dichloroethene	ND		ug/kg	1000	180	20
1,2-Dichloroethene, Total	ND		ug/kg	1000	140	20
Styrene	ND		ug/kg	1000	200	20
Dichlorodifluoromethane	ND		ug/kg	10000	940	20
Acetone	ND		ug/kg	10000	4900	20
Carbon disulfide	ND		ug/kg	10000	4700	20
2-Butanone	ND		ug/kg	10000	2300	20
4-Methyl-2-pentanone	ND		ug/kg	10000	1300	20
2-Hexanone	ND		ug/kg	10000	1200	20
Bromochloromethane	ND		ug/kg	2000	210	20
1,2-Dibromoethane	ND		ug/kg	1000	280	20
n-Butylbenzene	ND		ug/kg	1000	170	20
sec-Butylbenzene	ND		ug/kg	1000	150	20
tert-Butylbenzene	ND		ug/kg	2000	120	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	3100	1000	20
Isopropylbenzene	310	J	ug/kg	1000	110	20
p-Isopropyltoluene	160	J	ug/kg	1000	110	20
Naphthalene	180000		ug/kg	4100	670	20
n-Propylbenzene	ND		ug/kg	1000	180	20
1,2,3-Trichlorobenzene	ND		ug/kg	2000	330	20
1,2,4-Trichlorobenzene	ND		ug/kg	2000	280	20
1,3,5-Trimethylbenzene	1700	J	ug/kg	2000	200	20
1,2,4-Trimethylbenzene	3300		ug/kg	2000	340	20
Methyl Acetate	2100	J	ug/kg	4100	970	20
Cyclohexane	ND		ug/kg	10000	560	20
1,4-Dioxane	ND		ug/kg	82000	36000	20
Freon-113	ND		ug/kg	4100	710	20
Methyl cyclohexane	ND		ug/kg	4100	620	20

Project Name: LOT 3A IRM **Lab Number:** L1937007

Project Number: 127887-007 **Report Date:** 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01 D
Client ID: DOC3A-CELL3B-08-190815-1430
Sample Location: ROME, NY

Date Collected: 08/15/19 14:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/20/19 09:24
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1274551-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/20/19 09:24
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1274551-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/20/19 09:24
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1274551-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

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: WG1274551-3 WG1274551-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	101		99		70-130	2		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	91		90		70-130	1		30
1,2-Dichloropropane	99		99		70-130	0		30
Dibromochloromethane	86		87		70-130	1		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	88		86		70-130	2		30
Chlorobenzene	87		86		70-130	1		30
Trichlorofluoromethane	97		96		70-139	1		30
1,2-Dichloroethane	96		98		70-130	2		30
1,1,1-Trichloroethane	91		89		70-130	2		30
Bromodichloromethane	87		88		70-130	1		30
trans-1,3-Dichloropropene	89		90		70-130	1		30
cis-1,3-Dichloropropene	88		89		70-130	1		30
Bromoform	85		88		70-130	3		30
1,1,2,2-Tetrachloroethane	86		93		70-130	8		30
Benzene	91		89		70-130	2		30
Toluene	92		89		70-130	3		30
Ethylbenzene	90		88		70-130	2		30
Chloromethane	116		113		52-130	3		30
Bromomethane	75		74		57-147	1		30
Vinyl chloride	94		96		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

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: WG1274551-3 WG1274551-4								
Chloroethane	84		86		50-151	2		30
1,1-Dichloroethene	90		86		65-135	5		30
trans-1,2-Dichloroethene	92		90		70-130	2		30
Trichloroethene	89		88		70-130	1		30
1,2-Dichlorobenzene	86		87		70-130	1		30
1,3-Dichlorobenzene	87		86		70-130	1		30
1,4-Dichlorobenzene	88		86		70-130	2		30
Methyl tert butyl ether	88		89		66-130	1		30
p/m-Xylene	89		87		70-130	2		30
o-Xylene	88		87		70-130	1		30
cis-1,2-Dichloroethene	93		90		70-130	3		30
Styrene	87		86		70-130	1		30
Dichlorodifluoromethane	100		100		30-146	0		30
Acetone	105		113		54-140	7		30
Carbon disulfide	88		86		59-130	2		30
2-Butanone	103		114		70-130	10		30
4-Methyl-2-pentanone	92		98		70-130	6		30
2-Hexanone	82		90		70-130	9		30
Bromochloromethane	91		91		70-130	0		30
1,2-Dibromoethane	86		89		70-130	3		30
n-Butylbenzene	90		88		70-130	2		30
sec-Butylbenzene	86		85		70-130	1		30
tert-Butylbenzene	84		82		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

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: WG1274551-3 WG1274551-4								
1,2-Dibromo-3-chloropropane	80		87		68-130	8		30
Isopropylbenzene	87		84		70-130	4		30
p-Isopropyltoluene	84		82		70-130	2		30
Naphthalene	77		83		70-130	8		30
n-Propylbenzene	91		88		70-130	3		30
1,2,3-Trichlorobenzene	82		83		70-130	1		30
1,2,4-Trichlorobenzene	84		83		70-130	1		30
1,3,5-Trimethylbenzene	86		85		70-130	1		30
1,2,4-Trimethylbenzene	86		85		70-130	1		30
Methyl Acetate	98		106		51-146	8		30
Cyclohexane	101		99		59-142	2		30
1,4-Dioxane	84		94		65-136	11		30
Freon-113	90		88		50-139	2		30
Methyl cyclohexane	85		83		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		106		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	98		101		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937007
Report Date: 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01
Client ID: DOC3A-CELL3B-08-190815-1430
Sample Location: ROME, NY

Date Collected: 08/15/19 14:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/22/19 04:59
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/21/19 09:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2300		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	2300		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	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	46000	E	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	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	510		ug/kg	120	22.	1
Benzo(a)pyrene	320		ug/kg	160	49.	1

Project Name: LOT 3A IRM **Lab Number:** L1937007

Project Number: 127887-007 **Report Date:** 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01 Date Collected: 08/15/19 14:30

Client ID: DOC3A-CELL3B-08-190815-1430 Date Received: 08/15/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	420		ug/kg	120	34.	1
Benzo(k)fluoranthene	160		ug/kg	120	32.	1
Chrysene	600		ug/kg	120	21.	1
Acenaphthylene	440		ug/kg	160	31.	1
Anthracene	30000	E	ug/kg	120	39.	1
Benzo(ghi)perylene	140	J	ug/kg	160	24.	1
Fluorene	4800		ug/kg	200	20.	1
Phenanthrene	8400	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	160	28.	1
Pyrene	1400		ug/kg	120	20.	1
Biphenyl	850		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	3200		ug/kg	200	19.	1
2-Methylnaphthalene	4800		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	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	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	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	14000	E	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: LOT 3A IRM **Lab Number:** L1937007

Project Number: 127887-007 **Report Date:** 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01 Date Collected: 08/15/19 14:30

Client ID: DOC3A-CELL3B-08-190815-1430 Date Received: 08/15/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**17**	Q	25-120
Phenol-d6	34		10-120
Nitrobenzene-d5	**20**	Q	23-120
2-Fluorobiphenyl	40		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	64		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937007
Report Date: 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01 D
Client ID: DOC3A-CELL3B-08-190815-1430
Sample Location: ROME, NY

Date Collected: 08/15/19 14:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/22/19 14:52
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/21/19 09:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	52000		ug/kg	4000	490	20
Anthracene	30000		ug/kg	2400	780	20
Phenanthrene	8200		ug/kg	2400	490	20
Carbazole	13000		ug/kg	4000	390	20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/21/19 01:23
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/20/19 13:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1274554-1					
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	26.
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	37	J	ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/21/19 01:23
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/20/19 13:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1274554-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
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	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/21/19 01:23
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/20/19 13:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1274554-1					
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	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	85		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

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: WG1274554-2 WG1274554-3								
Acenaphthene	76		71		31-137	7		50
Hexachlorobenzene	95		75		40-140	24		50
Bis(2-chloroethyl)ether	80		76		40-140	5		50
2-Chloronaphthalene	62		72		40-140	15		50
3,3'-Dichlorobenzidine	65		64		40-140	2		50
2,4-Dinitrotoluene	92		87		40-132	6		50
2,6-Dinitrotoluene	75		87		40-140	15		50
Fluoranthene	85		77		40-140	10		50
4-Chlorophenyl phenyl ether	88		73		40-140	19		50
4-Bromophenyl phenyl ether	94		77		40-140	20		50
Bis(2-chloroisopropyl)ether	64		59		40-140	8		50
Bis(2-chloroethoxy)methane	83		80		40-117	4		50
Hexachlorobutadiene	74		73		40-140	1		50
Hexachlorocyclopentadiene	57		70		40-140	20		50
Hexachloroethane	80		78		40-140	3		50
Isophorone	83		83		40-140	0		50
Naphthalene	68		72		40-140	6		50
Nitrobenzene	79		78		40-140	1		50
NDPA/DPA	95		78		36-157	20		50
n-Nitrosodi-n-propylamine	86		78		32-121	10		50
Bis(2-ethylhexyl)phthalate	94		88		40-140	7		50
Butyl benzyl phthalate	102		90		40-140	13		50
Di-n-butylphthalate	99		92		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

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: WG1274554-2 WG1274554-3								
Di-n-octylphthalate	103		99		40-140	4		50
Diethyl phthalate	95		78		40-140	20		50
Dimethyl phthalate	70		79		40-140	12		50
Benzo(a)anthracene	80		77		40-140	4		50
Benzo(a)pyrene	76		75		40-140	1		50
Benzo(b)fluoranthene	70		80		40-140	13		50
Benzo(k)fluoranthene	84		73		40-140	14		50
Chrysene	77		73		40-140	5		50
Acenaphthylene	66		76		40-140	14		50
Anthracene	83		78		40-140	6		50
Benzo(ghi)perylene	81		78		40-140	4		50
Fluorene	97		77		40-140	23		50
Phenanthrene	78		73		40-140	7		50
Dibenzo(a,h)anthracene	85		82		40-140	4		50
Indeno(1,2,3-cd)pyrene	87		78		40-140	11		50
Pyrene	83		74		35-142	11		50
Biphenyl	69		80		37-127	15		50
4-Chloroaniline	58		56		40-140	4		50
2-Nitroaniline	74		88		47-134	17		50
3-Nitroaniline	74		69		26-129	7		50
4-Nitroaniline	97		78		41-125	22		50
Dibenzofuran	80		75		40-140	6		50
2-Methylnaphthalene	63		74		40-140	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

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: WG1274554-2 WG1274554-3								
1,2,4,5-Tetrachlorobenzene	65		77		40-117	17		50
Acetophenone	86		82		14-144	5		50
2,4,6-Trichlorophenol	68		81		30-130	17		50
p-Chloro-m-cresol	73		88		26-103	19		50
2-Chlorophenol	84		80		25-102	5		50
2,4-Dichlorophenol	87		74		30-130	16		50
2,4-Dimethylphenol	86		82		30-130	5		50
2-Nitrophenol	86		86		30-130	0		50
4-Nitrophenol	90		85		11-114	6		50
2,4-Dinitrophenol	62		68		4-130	9		50
4,6-Dinitro-o-cresol	109		96		10-130	13		50
Pentachlorophenol	90		78		17-109	14		50
Phenol	82		75		26-90	9		50
2-Methylphenol	88		85		30-130.	3		50
3-Methylphenol/4-Methylphenol	86		81		30-130	6		50
2,4,5-Trichlorophenol	71		84		30-130	17		50
Carbazole	83		79		54-128	5		50
Atrazine	111		88		40-140	23		50
Benzaldehyde	93		75		40-140	21		50
Caprolactam	84		81		15-130	4		50
2,3,4,6-Tetrachlorophenol	87		78		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937007

Report Date: 08/22/19

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: WG1274554-2 WG1274554-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		67		25-120
Phenol-d6	81		74		10-120
Nitrobenzene-d5	79		75		23-120
2-Fluorobiphenyl	57		68		30-120
2,4,6-Tribromophenol	91		75		10-136
4-Terphenyl-d14	79		69		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937007
Report Date: 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01
Client ID: DOC3A-CELL3B-08-190815-1430
Sample Location: ROME, NY
Date Collected: 08/15/19 14:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.86		mg/kg	0.488	0.101	1	08/19/19 21:00	08/20/19 20:43	EPA 3050B	1,6010D	AB
Barium, Total	71.8		mg/kg	0.488	0.085	1	08/19/19 21:00	08/20/19 20:43	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.488	0.048	1	08/19/19 21:00	08/20/19 20:43	EPA 3050B	1,6010D	AB
Chromium, Total	12.8		mg/kg	0.488	0.047	1	08/19/19 21:00	08/20/19 20:43	EPA 3050B	1,6010D	AB
Lead, Total	5.70		mg/kg	2.44	0.131	1	08/19/19 21:00	08/20/19 20:43	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.077	0.050	1	08/21/19 03:50	08/21/19 20:30	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	0.976	0.126	1	08/19/19 21:00	08/20/19 20:43	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.488	0.138	1	08/19/19 21:00	08/20/19 20:43	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1937007

Project Number: 127887-007 **Report Date:** 08/22/19

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: WG1274217-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/19/19 21:00	08/20/19 19:44	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	08/19/19 21:00	08/20/19 19:44	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/19/19 21:00	08/20/19 19:44	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/19/19 21:00	08/20/19 19:44	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	08/19/19 21:00	08/20/19 19:44	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/19/19 21:00	08/20/19 19:44	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	08/19/19 21:00	08/20/19 19:44	1,6010D	AB

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 Batch: WG1274821-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/21/19 03:50	08/21/19 11:41	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1274217-2 SRM Lot Number: D105-540								
Arsenic, Total	105		-		70-130	-		
Barium, Total	96		-		75-125	-		
Cadmium, Total	97		-		75-125	-		
Chromium, Total	97		-		70-130	-		
Lead, Total	95		-		71-128	-		
Selenium, Total	100		-		63-137	-		
Silver, Total	97		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1274821-2 SRM Lot Number: D105-540								
Mercury, Total	94		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

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 QC Batch ID: WG1274217-3 QC Sample: L1935936-01 Client ID: MS Sample												
Arsenic, Total	0.332J	9.64	10.7	111		-	-		75-125	-		20
Barium, Total	0.966	161	169	104		-	-		75-125	-		20
Cadmium, Total	ND	4.1	4.27	104		-	-		75-125	-		20
Chromium, Total	3.15	16.1	21.5	114		-	-		75-125	-		20
Lead, Total	0.606J	41	42.0	102		-	-		75-125	-		20
Selenium, Total	ND	9.64	9.79	102		-	-		75-125	-		20
Silver, Total	ND	24.1	25.4	105		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1274821-3 QC Sample: L1936695-01 Client ID: MS Sample												
Mercury, Total	0.305	0.138	0.578	**197**	Q	-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937007

Report Date: 08/22/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1274217-4 QC Sample: L1935936-01 Client ID: DUP Sample						
Lead, Total	0.606J	0.887J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1274821-4 QC Sample: L1936695-01 Client ID: DUP Sample						
Mercury, Total	0.305	0.446	mg/kg	**38**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

SAMPLE RESULTS

Lab ID: L1937007-01
Client ID: DOC3A-CELL3B-08-190815-1430
Sample Location: ROME, NY

Date Collected: 08/15/19 14:30
Date Received: 08/15/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	08/17/19 10:55	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937007

Report Date: 08/22/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1273595-1 QC Sample: L1937198-01 Client ID: DUP Sample						
Solids, Total	65.2	66.0	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937007
Report Date: 08/22/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1937007-01A	Vial MeOH preserved	B	NA		5.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1937007-01B	Vial water preserved	B	NA		5.5	Y	Absent	16-AUG-19 16:01	NYTCL-8260HLW-R2(14)
L1937007-01C	Vial water preserved	B	NA		5.5	Y	Absent	16-AUG-19 16:01	NYTCL-8260HLW-R2(14)
L1937007-01D	Plastic 2oz unpreserved for TS	B	NA		5.5	Y	Absent		TS(7)
L1937007-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1937007-01F	Glass 120ml/4oz unpreserved	B	NA		5.5	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1937007
Project Number:	127887-007	**Report Date:**	08/22/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937007
Project Number:	127887-007	**Report Date:**	08/22/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when using acetone as a solvent.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1937007
Project Number: 127887-007 **Report Date:** 08/22/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/16/19

ALPHA Job #: L1937007

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs	Total Solids					Sample Specific Comments	Total Bottles
37007 -01	DOC3A-CELL3B-08-190815-1430	8/15/2019	1430	S	DMN	8	1	3	1	1					N	6
Container Type							A	V	A	P						
Preservative							A	F	A	A						

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
	08/15/19 1600		8/15/19 1600
	8/15/19 1824	ABL	8/15/19 1830
	8/15/19 1830		8/16/19 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

ANALYTICAL REPORT

Lab Number:	L1937385
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/26/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1937385-01	DOC3A-CELL3C-7.5-190819-0830	SOIL	ROME, NY	08/19/19 08:30	08/19/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1937385
Project Number:	127887-007	**Report Date:**	08/26/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1937385
Project Number:	127887-007	**Report Date:**	08/26/19

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

L1937385-01 (DOC3A-CELL3C-7.5-190819-0830): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/26/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1937385

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID: L1937385-01 D
Client ID: DOC3A-CELL3C-7.5-190819-0830
Sample Location: ROME, NY

Date Collected: 08/19/19 08:30
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/22/19 02:33
Analyst: NLK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1500	670	5
1,1-Dichloroethane	ND		ug/kg	290	42.	5
Chloroform	ND		ug/kg	440	41.	5
Carbon tetrachloride	ND		ug/kg	290	67.	5
1,2-Dichloropropane	ND		ug/kg	290	36.	5
Dibromochloromethane	ND		ug/kg	290	41.	5
1,1,2-Trichloroethane	ND		ug/kg	290	78.	5
Tetrachloroethene	ND		ug/kg	150	57.	5
Chlorobenzene	ND		ug/kg	150	37.	5
Trichlorofluoromethane	ND		ug/kg	1200	200	5
1,2-Dichloroethane	ND		ug/kg	290	75.	5
1,1,1-Trichloroethane	ND		ug/kg	150	49.	5
Bromodichloromethane	ND		ug/kg	150	32.	5
trans-1,3-Dichloropropene	ND		ug/kg	290	80.	5
cis-1,3-Dichloropropene	ND		ug/kg	150	46.	5
1,3-Dichloropropene, Total	ND		ug/kg	150	46.	5
Bromoform	ND		ug/kg	1200	72.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	48.	5
Benzene	80	J	ug/kg	150	48.	5
Toluene	ND		ug/kg	290	160	5
Ethylbenzene	1100		ug/kg	290	41.	5
Chloromethane	ND		ug/kg	1200	270	5
Bromomethane	ND		ug/kg	580	170	5
Vinyl chloride	ND		ug/kg	290	98.	5
Chloroethane	ND		ug/kg	580	130	5
1,1-Dichloroethene	ND		ug/kg	290	70.	5
trans-1,2-Dichloroethene	ND		ug/kg	440	40.	5
Trichloroethene	ND		ug/kg	150	40.	5

Project Name: LOT 3A IRM **Lab Number:** L1937385

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID: L1937385-01 D
Client ID: DOC3A-CELL3C-7.5-190819-0830
Sample Location: ROME, NY

Date Collected: 08/19/19 08:30
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	580	42.	5
1,3-Dichlorobenzene	ND		ug/kg	580	43.	5
1,4-Dichlorobenzene	ND		ug/kg	580	50.	5
Methyl tert butyl ether	ND		ug/kg	580	59.	5
p/m-Xylene	1300		ug/kg	580	160	5
o-Xylene	140	J	ug/kg	290	85.	5
Xylenes, Total	1400	J	ug/kg	290	85.	5
cis-1,2-Dichloroethene	ND		ug/kg	290	51.	5
1,2-Dichloroethene, Total	ND		ug/kg	290	40.	5
Styrene	ND		ug/kg	290	57.	5
Dichlorodifluoromethane	ND		ug/kg	2900	270	5
Acetone	ND		ug/kg	2900	1400	5
Carbon disulfide	ND		ug/kg	2900	1300	5
2-Butanone	ND		ug/kg	2900	650	5
4-Methyl-2-pentanone	ND		ug/kg	2900	370	5
2-Hexanone	ND		ug/kg	2900	340	5
Bromochloromethane	ND		ug/kg	580	60.	5
1,2-Dibromoethane	ND		ug/kg	290	82.	5
n-Butylbenzene	65	J	ug/kg	290	49.	5
sec-Butylbenzene	ND		ug/kg	290	43.	5
tert-Butylbenzene	ND		ug/kg	580	34.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	880	290	5
Isopropylbenzene	200	J	ug/kg	290	32.	5
p-Isopropyltoluene	130	J	ug/kg	290	32.	5
Naphthalene	48000		ug/kg	1200	190	5
n-Propylbenzene	77	J	ug/kg	290	50.	5
1,2,3-Trichlorobenzene	ND		ug/kg	580	94.	5
1,2,4-Trichlorobenzene	ND		ug/kg	580	79.	5
1,3,5-Trimethylbenzene	470	J	ug/kg	580	56.	5
1,2,4-Trimethylbenzene	1500		ug/kg	580	98.	5
Methyl Acetate	ND		ug/kg	1200	280	5
Cyclohexane	ND		ug/kg	2900	160	5
1,4-Dioxane	ND		ug/kg	23000	10000	5
Freon-113	ND		ug/kg	1200	200	5
Methyl cyclohexane	ND		ug/kg	1200	180	5

Project Name: LOT 3A IRM **Lab Number:** L1937385

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID: L1937385-01 D
Client ID: DOC3A-CELL3C-7.5-190819-0830
Sample Location: ROME, NY

Date Collected: 08/19/19 08:30
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/21/19 18:17
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1275401-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/21/19 18:17
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1275401-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/21/19 18:17
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1275401-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

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: WG1275401-3 WG1275401-4								
Methylene chloride	95		95		70-130	0		30
1,1-Dichloroethane	103		103		70-130	0		30
Chloroform	98		94		70-130	4		30
Carbon tetrachloride	93		91		70-130	2		30
1,2-Dichloropropane	101		102		70-130	1		30
Dibromochloromethane	90		90		70-130	0		30
1,1,2-Trichloroethane	99		99		70-130	0		30
Tetrachloroethene	94		92		70-130	2		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	101		100		70-139	1		30
1,2-Dichloroethane	100		98		70-130	2		30
1,1,1-Trichloroethane	93		92		70-130	1		30
Bromodichloromethane	90		91		70-130	1		30
trans-1,3-Dichloropropene	95		94		70-130	1		30
cis-1,3-Dichloropropene	93		92		70-130	1		30
Bromoform	91		91		70-130	0		30
1,1,2,2-Tetrachloroethane	95		93		70-130	2		30
Benzene	94		93		70-130	1		30
Toluene	96		95		70-130	1		30
Ethylbenzene	97		95		70-130	2		30
Chloromethane	121		115		52-130	5		30
Bromomethane	91		86		57-147	6		30
Vinyl chloride	103		101		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

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: WG1275401-3 WG1275401-4								
Chloroethane	97		91		50-151	6		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	96		95		70-130	1		30
Trichloroethene	93		92		70-130	1		30
1,2-Dichlorobenzene	92		91		70-130	1		30
1,3-Dichlorobenzene	93		93		70-130	0		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	93		91		66-130	2		30
p/m-Xylene	94		93		70-130	1		30
o-Xylene	93		92		70-130	1		30
cis-1,2-Dichloroethene	95		94		70-130	1		30
Styrene	91		89		70-130	2		30
Dichlorodifluoromethane	95		92		30-146	3		30
Acetone	114		114		54-140	0		30
Carbon disulfide	93		92		59-130	1		30
2-Butanone	111		114		70-130	3		30
4-Methyl-2-pentanone	101		98		70-130	3		30
2-Hexanone	93		90		70-130	3		30
Bromochloromethane	93		93		70-130	0		30
1,2-Dibromoethane	94		93		70-130	1		30
n-Butylbenzene	99		97		70-130	2		30
sec-Butylbenzene	94		93		70-130	1		30
tert-Butylbenzene	91		90		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

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: WG1275401-3 WG1275401-4								
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30
Isopropylbenzene	94		92		70-130	2		30
p-Isopropyltoluene	92		92		70-130	0		30
Naphthalene	90		88		70-130	2		30
n-Propylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	92		90		70-130	2		30
1,2,4-Trichlorobenzene	93		91		70-130	2		30
1,3,5-Trimethylbenzene	94		94		70-130	0		30
1,2,4-Trimethylbenzene	93		93		70-130	0		30
Methyl Acetate	107		107		51-146	0		30
Cyclohexane	105		104		59-142	1		30
1,4-Dioxane	101		100		65-136	1		30
Freon-113	93		92		50-139	1		30
Methyl cyclohexane	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	99		99		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937385
Report Date: 08/26/19

SAMPLE RESULTS

Lab ID: L1937385-01
Client ID: DOC3A-CELL3C-7.5-190819-0830
Sample Location: ROME, NY

Date Collected: 08/19/19 08:30
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/24/19 13:30
Analyst: RC
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		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	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	490		ug/kg	120	22.	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	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	5100		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	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	190		ug/kg	120	22.	1
Benzo(a)pyrene	140	J	ug/kg	160	48.	1

Project Name: LOT 3A IRM **Lab Number:** L1937385

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID: L1937385-01 Date Collected: 08/19/19 08:30

Client ID: DOC3A-CELL3C-7.5-190819-0830 Date Received: 08/19/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	180		ug/kg	120	33.	1
Benzo(k)fluoranthene	70	J	ug/kg	120	31.	1
Chrysene	150		ug/kg	120	20.	1
Acenaphthylene	70	J	ug/kg	160	30.	1
Anthracene	310		ug/kg	120	38.	1
Benzo(ghi)perylene	62	J	ug/kg	160	23.	1
Fluorene	920		ug/kg	200	19.	1
Phenanthrene	1900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	73	J	ug/kg	160	27.	1
Pyrene	340		ug/kg	120	20.	1
Biphenyl	340	J	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	81.	1
Dibenzofuran	900		ug/kg	200	18.	1
2-Methylnaphthalene	690		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	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	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	270		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: LOT 3A IRM **Lab Number:** L1937385

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID: L1937385-01 Date Collected: 08/19/19 08:30

Client ID: DOC3A-CELL3C-7.5-190819-0830 Date Received: 08/19/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	50		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/19 23:24
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276079-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/19 23:24
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276079-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	31.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	37.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/19 23:24
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276079-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	56.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	66		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

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: WG1276079-2 WG1276079-3								
Acenaphthene	78		75		31-137	4		50
Hexachlorobenzene	83		74		40-140	11		50
Bis(2-chloroethyl)ether	86		70		40-140	21		50
2-Chloronaphthalene	73		71		40-140	3		50
3,3'-Dichlorobenzidine	72		75		40-140	4		50
2,4-Dinitrotoluene	91		92		40-132	1		50
2,6-Dinitrotoluene	85		84		40-140	1		50
Fluoranthene	79		80		40-140	1		50
4-Chlorophenyl phenyl ether	78		72		40-140	8		50
4-Bromophenyl phenyl ether	82		74		40-140	10		50
Bis(2-chloroisopropyl)ether	65		63		40-140	3		50
Bis(2-chloroethoxy)methane	88		83		40-117	6		50
Hexachlorobutadiene	76		65		40-140	16		50
Hexachlorocyclopentadiene	57		52		40-140	9		50
Hexachloroethane	82		65		40-140	23		50
Isophorone	87		90		40-140	3		50
Naphthalene	81		72		40-140	12		50
Nitrobenzene	84		85		40-140	1		50
NDPA/DPA	86		80		36-157	7		50
n-Nitrosodi-n-propylamine	87		90		32-121	3		50
Bis(2-ethylhexyl)phthalate	90		92		40-140	2		50
Butyl benzyl phthalate	98		93		40-140	5		50
Di-n-butylphthalate	90		96		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

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: WG1276079-2 WG1276079-3								
Di-n-octylphthalate	105		104		40-140	1		50
Diethyl phthalate	80		81		40-140	1		50
Dimethyl phthalate	76		75		40-140	1		50
Benzo(a)anthracene	89		84		40-140	6		50
Benzo(a)pyrene	87		83		40-140	5		50
Benzo(b)fluoranthene	92		86		40-140	7		50
Benzo(k)fluoranthene	95		91		40-140	4		50
Chrysene	83		82		40-140	1		50
Acenaphthylene	83		74		40-140	11		50
Anthracene	88		86		40-140	2		50
Benzo(ghi)perylene	93		87		40-140	7		50
Fluorene	87		79		40-140	10		50
Phenanthrene	82		78		40-140	5		50
Dibenzo(a,h)anthracene	102		90		40-140	13		50
Indeno(1,2,3-cd)pyrene	98		90		40-140	9		50
Pyrene	82		80		35-142	2		50
Biphenyl	79		76		37-127	4		50
4-Chloroaniline	50		65		40-140	26		50
2-Nitroaniline	95		88		47-134	8		50
3-Nitroaniline	72		74		26-129	3		50
4-Nitroaniline	84		82		41-125	2		50
Dibenzofuran	80		78		40-140	3		50
2-Methylnaphthalene	76		72		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

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: WG1276079-2 WG1276079-3								
1,2,4,5-Tetrachlorobenzene	76		75		40-117	1		50
Acetophenone	91		88		14-144	3		50
2,4,6-Trichlorophenol	85		78		30-130	9		50
p-Chloro-m-cresol	88		86		26-103	2		50
2-Chlorophenol	98		80		25-102	20		50
2,4-Dichlorophenol	94		90		30-130	4		50
2,4-Dimethylphenol	93		82		30-130	13		50
2-Nitrophenol	95		92		30-130	3		50
4-Nitrophenol	93		90		11-114	3		50
2,4-Dinitrophenol	61		70		4-130	14		50
4,6-Dinitro-o-cresol	105		99		10-130	6		50
Pentachlorophenol	68		69		17-109	1		50
Phenol	84		76		26-90	10		50
2-Methylphenol	92		93		30-130.	1		50
3-Methylphenol/4-Methylphenol	89		92		30-130	3		50
2,4,5-Trichlorophenol	87		84		30-130	4		50
Carbazole	88		88		54-128	0		50
Atrazine	90		85		40-140	6		50
Benzaldehyde	93		69		40-140	30		50
Caprolactam	84		87		15-130	4		50
2,3,4,6-Tetrachlorophenol	78		81		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937385

Report Date: 08/26/19

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: WG1276079-2 WG1276079-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		80		25-120
Phenol-d6	96		87		10-120
Nitrobenzene-d5	91		90		23-120
2-Fluorobiphenyl	72		70		30-120
2,4,6-Tribromophenol	82		83		10-136
4-Terphenyl-d14	78		78		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937385
Report Date: 08/26/19

SAMPLE RESULTS

Lab ID: L1937385-01
Client ID: DOC3A-CELL3C-7.5-190819-0830
Sample Location: ROME, NY
Date Collected: 08/19/19 08:30
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.48		mg/kg	0.457	0.095	1	08/21/19 21:30	08/22/19 18:22	EPA 3050B	1,6010D	AB
Barium, Total	63.6		mg/kg	0.457	0.080	1	08/21/19 21:30	08/22/19 18:22	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.457	0.045	1	08/21/19 21:30	08/22/19 18:22	EPA 3050B	1,6010D	AB
Chromium, Total	12.4		mg/kg	0.457	0.044	1	08/21/19 21:30	08/22/19 18:22	EPA 3050B	1,6010D	AB
Lead, Total	5.39		mg/kg	2.29	0.122	1	08/21/19 21:30	08/22/19 18:22	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.076	0.049	1	08/22/19 10:40	08/22/19 17:29	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	0.915	0.118	1	08/21/19 21:30	08/22/19 18:22	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.457	0.129	1	08/21/19 21:30	08/22/19 18:22	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937385
Report Date: 08/26/19

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: WG1275228-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Silver, Total	0.124	J	mg/kg	0.400	0.113	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC

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 Batch: WG1275391-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/22/19 08:00	08/22/19 14:41	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1275228-2 SRM Lot Number: D105-540								
Arsenic, Total	102		-		70-130	-		
Barium, Total	84		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Chromium, Total	90		-		70-130	-		
Lead, Total	94		-		71-128	-		
Selenium, Total	98		-		63-137	-		
Silver, Total	94		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1275391-2 SRM Lot Number: D105-540								
Mercury, Total	86		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

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 QC Batch ID: WG1275228-3 QC Sample: L1936402-01 Client ID: MS Sample												
Arsenic, Total	1.64	11.8	13.0	96		-	-		75-125	-		20
Barium, Total	26.5	196	202	90		-	-		75-125	-		20
Cadmium, Total	ND	5	4.15	83		-	-		75-125	-		20
Chromium, Total	12.0	19.6	26.9	76		-	-		75-125	-		20
Lead, Total	43.7	50	61.6	**36**	Q	-	-		75-125	-		20
Selenium, Total	ND	11.8	10.1	86		-	-		75-125	-		20
Silver, Total	ND	29.4	27.1	92		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1275391-3 QC Sample: L1936223-01 Client ID: MS Sample												
Mercury, Total	ND	1.3	1.33	102		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937385

Report Date: 08/26/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1275228-4 QC Sample: L1936402-01 Client ID: DUP Sample						
Lead, Total	43.7	23.3	mg/kg	**61**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1275391-4 QC Sample: L1936223-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

SAMPLE RESULTS

Lab ID: L1937385-01
Client ID: DOC3A-CELL3C-7.5-190819-0830
Sample Location: ROME, NY

Date Collected: 08/19/19 08:30
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
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	-	08/20/19 10:45	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937385

Report Date: 08/26/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1274419-1 QC Sample: L1937304-04 Client ID: DUP Sample						
Solids, Total	67.2	66.8	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937385
Report Date: 08/26/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1937385-01A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1937385-01B	Vial water preserved	A	NA		2.5	Y	Absent	20-AUG-19 06:17	NYTCL-8260HLW-R2(14)
L1937385-01C	Vial water preserved	A	NA		2.5	Y	Absent	20-AUG-19 06:17	NYTCL-8260HLW-R2(14)
L1937385-01D	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		TS(7)
L1937385-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1937385-01F	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1937385
Project Number:	127887-007	**Report Date:**	08/26/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937385
Project Number:	127887-007	**Report Date:**	08/26/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when using acetone as a solvent.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1937385
Project Number: 127887-007 **Report Date:** 08/26/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/20/19

ALPHA Job #: L1937385

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
37385-01	DOC3A-CELL3C-7.5-190819-0830	8/19/2019	8:30	SO	PAF	7.5	X	X	X							6
Container Type							A	V	A							
Preservative							A	A F	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FACE	8/19/19 1205		8/19/19 1205
	8/19/19 1545	HAL	8/19/19 1550
	8/19/19 1550		8/20/19 0800

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1937386
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/26/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1937386-01	DOC3A-CELL4B-SUBSLAB-06-	SOIL	ROME, NY	08/17/19 10:45	08/19/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1937386
Project Number:	127887-007	**Report Date:**	08/26/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1937386
Project Number:	127887-007	**Report Date:**	08/26/19

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

L1937386-01 (DOC3A-CELL4B-SUBSLAB-06-): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

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: Michelle M. Morris

Title: Technical Director/Representative Date: 08/26/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937386
Report Date: 08/26/19

SAMPLE RESULTS

Lab ID: L1937386-01
Client ID: DOC3A-CELL4B-SUBSLAB-06-
Sample Location: ROME, NY

Date Collected: 08/17/19 10:45
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/22/19 00:48
Analyst: NLK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	6.6		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.45	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.48	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.42	0.11	1

Project Name: LOT 3A IRM **Lab Number:** L1937386

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID: L1937386-01 Date Collected: 08/17/19 10:45

Client ID: DOC3A-CELL4B-SUBSLAB-06- Date Received: 08/19/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
Xylenes, Total	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.84	0.11	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.76	1
Acetone	4.8	J	ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
n-Propylbenzene	ND		ug/kg	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
Methyl Acetate	ND		ug/kg	3.3	0.79	1
Cyclohexane	ND		ug/kg	8.4	0.45	1
1,4-Dioxane	ND		ug/kg	67	29.	1
Freon-113	ND		ug/kg	3.3	0.58	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Project Name: LOT 3A IRM **Lab Number:** L1937386

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID:	L1937386-01	Date Collected:	08/17/19 10:45
Client ID:	DOC3A-CELL4B-SUBSLAB-06-	Date Received:	08/19/19
Sample Location:	ROME, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/21/19 16:57
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1275261-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/21/19 16:57
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1275261-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/21/19 16:57
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1275261-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1275261-3 WG1275261-4								
Methylene chloride	87		86		70-130	1		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	91		90		70-130	1		30
Carbon tetrachloride	99		98		70-130	1		30
1,2-Dichloropropane	91		90		70-130	1		30
Dibromochloromethane	91		90		70-130	1		30
1,1,2-Trichloroethane	92		89		70-130	3		30
Tetrachloroethene	97		96		70-130	1		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	98		98		70-139	0		30
1,2-Dichloroethane	90		89		70-130	1		30
1,1,1-Trichloroethane	96		95		70-130	1		30
Bromodichloromethane	89		89		70-130	0		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	93		91		70-130	2		30
Bromoform	92		90		70-130	2		30
1,1,2,2-Tetrachloroethane	91		88		70-130	3		30
Benzene	91		89		70-130	2		30
Toluene	94		93		70-130	1		30
Ethylbenzene	97		95		70-130	2		30
Chloromethane	84		83		52-130	1		30
Bromomethane	104		100		57-147	4		30
Vinyl chloride	95		93		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1275261-3 WG1275261-4								
Chloroethane	95		94		50-151	1		30
1,1-Dichloroethene	98		96		65-135	2		30
trans-1,2-Dichloroethene	95		94		70-130	1		30
Trichloroethene	96		94		70-130	2		30
1,2-Dichlorobenzene	94		92		70-130	2		30
1,3-Dichlorobenzene	96		94		70-130	2		30
1,4-Dichlorobenzene	96		94		70-130	2		30
Methyl tert butyl ether	91		91		66-130	0		30
p/m-Xylene	96		95		70-130	1		30
o-Xylene	96		94		70-130	2		30
cis-1,2-Dichloroethene	92		92		70-130	0		30
Styrene	97		96		70-130	1		30
Dichlorodifluoromethane	98		95		30-146	3		30
Acetone	97		84		54-140	14		30
Carbon disulfide	91		90		59-130	1		30
2-Butanone	94		87		70-130	8		30
4-Methyl-2-pentanone	99		93		70-130	6		30
2-Hexanone	94		88		70-130	7		30
Bromochloromethane	95		92		70-130	3		30
1,2-Dibromoethane	93		91		70-130	2		30
n-Butylbenzene	97		96		70-130	1		30
sec-Butylbenzene	99		98		70-130	1		30
tert-Butylbenzene	98		97		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1275261-3 WG1275261-4								
1,2-Dibromo-3-chloropropane	92		89		68-130	3		30
Isopropylbenzene	98		98		70-130	0		30
p-Isopropyltoluene	98		98		70-130	0		30
Naphthalene	101		99		70-130	2		30
n-Propylbenzene	98		97		70-130	1		30
1,2,3-Trichlorobenzene	99		99		70-130	0		30
1,2,4-Trichlorobenzene	103		102		70-130	1		30
1,3,5-Trimethylbenzene	97		96		70-130	1		30
1,2,4-Trimethylbenzene	98		97		70-130	1		30
Methyl Acetate	88		83		51-146	6		30
Cyclohexane	97		96		59-142	1		30
1,4-Dioxane	103		98		65-136	5		30
Freon-113	100		98		50-139	2		30
Methyl cyclohexane	100		97		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937386
Report Date: 08/26/19

SAMPLE RESULTS

Lab ID: L1937386-01
Client ID: DOC3A-CELL4B-SUBSLAB-06-
Sample Location: ROME, NY

Date Collected: 08/17/19 10:45
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/24/19 00:32
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	41	J	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	10000	E	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	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: LOT 3A IRM **Lab Number:** L1937386

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID: L1937386-01 Date Collected: 08/17/19 10:45

Client ID: DOC3A-CELL4B-SUBSLAB-06- Date Received: 08/19/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	27	J	ug/kg	190	18.	1
Phenanthrene	74	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	28	J	ug/kg	110	19.	1
Biphenyl	ND		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	23	J	ug/kg	190	18.	1
2-Methylnaphthalene	130	J	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	31.	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	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	46	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: LOT 3A IRM **Lab Number:** L1937386

Project Number: 127887-007 **Report Date:** 08/26/19

SAMPLE RESULTS

Lab ID: L1937386-01 Date Collected: 08/17/19 10:45

Client ID: DOC3A-CELL4B-SUBSLAB-06- Date Received: 08/19/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	62		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937386
Report Date: 08/26/19

SAMPLE RESULTS

Lab ID: L1937386-01 D
Client ID: DOC3A-CELL4B-SUBSLAB-06-
Sample Location: ROME, NY

Date Collected: 08/17/19 10:45
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/26/19 15:42
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	12000		ug/kg	380	46.	2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/19 23:24
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276079-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/19 23:24
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276079-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	31.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	37.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/19 23:24
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/19 11:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1276079-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	56.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	66		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

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: WG1276079-2 WG1276079-3								
Acenaphthene	78		75		31-137	4		50
Hexachlorobenzene	83		74		40-140	11		50
Bis(2-chloroethyl)ether	86		70		40-140	21		50
2-Chloronaphthalene	73		71		40-140	3		50
3,3'-Dichlorobenzidine	72		75		40-140	4		50
2,4-Dinitrotoluene	91		92		40-132	1		50
2,6-Dinitrotoluene	85		84		40-140	1		50
Fluoranthene	79		80		40-140	1		50
4-Chlorophenyl phenyl ether	78		72		40-140	8		50
4-Bromophenyl phenyl ether	82		74		40-140	10		50
Bis(2-chloroisopropyl)ether	65		63		40-140	3		50
Bis(2-chloroethoxy)methane	88		83		40-117	6		50
Hexachlorobutadiene	76		65		40-140	16		50
Hexachlorocyclopentadiene	57		52		40-140	9		50
Hexachloroethane	82		65		40-140	23		50
Isophorone	87		90		40-140	3		50
Naphthalene	81		72		40-140	12		50
Nitrobenzene	84		85		40-140	1		50
NDPA/DPA	86		80		36-157	7		50
n-Nitrosodi-n-propylamine	87		90		32-121	3		50
Bis(2-ethylhexyl)phthalate	90		92		40-140	2		50
Butyl benzyl phthalate	98		93		40-140	5		50
Di-n-butylphthalate	90		96		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

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: WG1276079-2 WG1276079-3								
Di-n-octylphthalate	105		104		40-140	1		50
Diethyl phthalate	80		81		40-140	1		50
Dimethyl phthalate	76		75		40-140	1		50
Benzo(a)anthracene	89		84		40-140	6		50
Benzo(a)pyrene	87		83		40-140	5		50
Benzo(b)fluoranthene	92		86		40-140	7		50
Benzo(k)fluoranthene	95		91		40-140	4		50
Chrysene	83		82		40-140	1		50
Acenaphthylene	83		74		40-140	11		50
Anthracene	88		86		40-140	2		50
Benzo(ghi)perylene	93		87		40-140	7		50
Fluorene	87		79		40-140	10		50
Phenanthrene	82		78		40-140	5		50
Dibenzo(a,h)anthracene	102		90		40-140	13		50
Indeno(1,2,3-cd)pyrene	98		90		40-140	9		50
Pyrene	82		80		35-142	2		50
Biphenyl	79		76		37-127	4		50
4-Chloroaniline	50		65		40-140	26		50
2-Nitroaniline	95		88		47-134	8		50
3-Nitroaniline	72		74		26-129	3		50
4-Nitroaniline	84		82		41-125	2		50
Dibenzofuran	80		78		40-140	3		50
2-Methylnaphthalene	76		72		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

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: WG1276079-2 WG1276079-3								
1,2,4,5-Tetrachlorobenzene	76		75		40-117	1		50
Acetophenone	91		88		14-144	3		50
2,4,6-Trichlorophenol	85		78		30-130	9		50
p-Chloro-m-cresol	88		86		26-103	2		50
2-Chlorophenol	98		80		25-102	20		50
2,4-Dichlorophenol	94		90		30-130	4		50
2,4-Dimethylphenol	93		82		30-130	13		50
2-Nitrophenol	95		92		30-130	3		50
4-Nitrophenol	93		90		11-114	3		50
2,4-Dinitrophenol	61		70		4-130	14		50
4,6-Dinitro-o-cresol	105		99		10-130	6		50
Pentachlorophenol	68		69		17-109	1		50
Phenol	84		76		26-90	10		50
2-Methylphenol	92		93		30-130.	1		50
3-Methylphenol/4-Methylphenol	89		92		30-130	3		50
2,4,5-Trichlorophenol	87		84		30-130	4		50
Carbazole	88		88		54-128	0		50
Atrazine	90		85		40-140	6		50
Benzaldehyde	93		69		40-140	30		50
Caprolactam	84		87		15-130	4		50
2,3,4,6-Tetrachlorophenol	78		81		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937386

Report Date: 08/26/19

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: WG1276079-2 WG1276079-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		80		25-120
Phenol-d6	96		87		10-120
Nitrobenzene-d5	91		90		23-120
2-Fluorobiphenyl	72		70		30-120
2,4,6-Tribromophenol	82		83		10-136
4-Terphenyl-d14	78		78		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1937386
Report Date: 08/26/19

SAMPLE RESULTS

Lab ID: L1937386-01
Client ID: DOC3A-CELL4B-SUBSLAB-06-
Sample Location: ROME, NY
Date Collected: 08/17/19 10:45
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.14		mg/kg	0.439	0.091	1	08/21/19 21:30	08/22/19 18:27	EPA 3050B	1,6010D	AB
Barium, Total	51.9		mg/kg	0.439	0.076	1	08/21/19 21:30	08/22/19 18:27	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.439	0.043	1	08/21/19 21:30	08/22/19 18:27	EPA 3050B	1,6010D	AB
Chromium, Total	9.76		mg/kg	0.439	0.042	1	08/21/19 21:30	08/22/19 18:27	EPA 3050B	1,6010D	AB
Lead, Total	4.52		mg/kg	2.20	0.118	1	08/21/19 21:30	08/22/19 18:27	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.074	0.048	1	08/22/19 10:40	08/22/19 17:33	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	0.878	0.113	1	08/21/19 21:30	08/22/19 18:27	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.439	0.124	1	08/21/19 21:30	08/22/19 18:27	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1937386

Project Number: 127887-007 **Report Date:** 08/26/19

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: WG1275228-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC
Silver, Total	0.124	J	mg/kg	0.400	0.113	1	08/21/19 21:30	08/22/19 16:11	1,6010D	LC

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 Batch: WG1275391-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/22/19 08:00	08/22/19 14:41	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1275228-2 SRM Lot Number: D105-540								
Arsenic, Total	102		-		70-130	-		
Barium, Total	84		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Chromium, Total	90		-		70-130	-		
Lead, Total	94		-		71-128	-		
Selenium, Total	98		-		63-137	-		
Silver, Total	94		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1275391-2 SRM Lot Number: D105-540								
Mercury, Total	86		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

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 QC Batch ID: WG1275228-3 QC Sample: L1936402-01 Client ID: MS Sample												
Arsenic, Total	1.64	11.8	13.0	96		-	-		75-125	-		20
Barium, Total	26.5	196	202	90		-	-		75-125	-		20
Cadmium, Total	ND	5	4.15	83		-	-		75-125	-		20
Chromium, Total	12.0	19.6	26.9	76		-	-		75-125	-		20
Lead, Total	43.7	50	61.6	**36**	Q	-	-		75-125	-		20
Selenium, Total	ND	11.8	10.1	86		-	-		75-125	-		20
Silver, Total	ND	29.4	27.1	92		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1275391-3 QC Sample: L1936223-01 Client ID: MS Sample												
Mercury, Total	ND	1.3	1.33	102		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937386

Report Date: 08/26/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1275228-4 QC Sample: L1936402-01 Client ID: DUP Sample						
Lead, Total	43.7	23.3	mg/kg	**61**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1275391-4 QC Sample: L1936223-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

SAMPLE RESULTS

Lab ID: L1937386-01
Client ID: DOC3A-CELL4B-SUBSLAB-06-
Sample Location: ROME, NY

Date Collected: 08/17/19 10:45
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	08/20/19 10:45	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1937386

Report Date: 08/26/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1274419-1 QC Sample: L1937304-04 Client ID: DUP Sample						
Solids, Total	67.2	66.8	%	1		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1937386
Report Date: 08/26/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1937386-01A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1937386-01B	Vial water preserved	B	NA		2.9	Y	Absent	17-AUG-19 12:30	NYTCL-8260HLW-R2(14)
L1937386-01C	Vial water preserved	B	NA		2.9	Y	Absent	17-AUG-19 12:30	NYTCL-8260HLW-R2(14)
L1937386-01D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L1937386-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1937386-01F	Glass 120ml/4oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1937386
Project Number:	127887-007	**Report Date:**	08/26/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937386
Project Number:	127887-007	**Report Date:**	08/26/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when using acetone as a solvent.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1937386
Project Number:	127887-007	**Report Date:**	08/26/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 8/20/19

ALPHA Job #: L1937386

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ **Done**
☐ **Lab to do**
Preservation
☐ **Lab to do**
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Total Bottles	Sample Specific Comments
37386-01	DOC3A-CELL4B-SUBSLAB-06-	8/17/2019	10:45	SO	CB	6	X	X	X							Sample placed in freezer at 1230H 8.17.19
Container Type							A	V	A							
Preservative							A	A	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
	8/19/19 1545	AHL	8/19/19 1545
	8/19/19 1545		8/20/19 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

Alpha Analytical, Inc.
Facility: Service Centers
Department: Quality Assurance
Title: Freezer Log for Method 5035A samples

ID: 15447
Revision: 6
Published Date: 10/23/2017 9:14:23 AM

INTO THE FREEZER					OUT OF THE FREEZER		
DATE	TIME	INITIALS	CLIENT NAME	SAMPLE IDs	DATE	TIME	INITIALS
8/19/19	1546	EW	Haley Aldrich	DOC3A-CELL4B-	8/20/19	01.00	RM
				SUBSLAB-06	8/20/19	01.00	RM

Alpha Analytical, Inc.
Facility: Company-wide
Department: Quality Assurance
Title: Temperature Log

ID: 13078
Revision: 1
Published Date: 5/1/2014 8:56:04 AM
Page 1 of 1

Month / Year:	Unit ID:	Thermometer SN:	Correction Factor Add: Subtract:
8/19	520080620169	NA	NA
		Min-Max Thermometer SN:	Correction Factor Add: Subtract:
		NA	NA

Day	Observed Temperature Reading (°C)	Initials	Comments
1	-10 C	EW	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
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30			
31			

Acceptable Range:

Document Type: Form

Pre-Qualtrax Document ID: 108-04

ANALYTICAL REPORT

Lab Number:	L1938501
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	08/30/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1938501-01	DOC3A-CELL4B-7.5-190823-0815	SOIL	ROME, NY	08/23/19 08:15	08/23/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1938501
Project Number:	127887-007	**Report Date:**	08/30/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: LOT 3A IRM **Lab Number:** L1938501
Project Number: 127887-007 **Report Date:** 08/30/19

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

L1938501-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1278273-3/-4 LCS/LCSD recoveries, associated with L1938501-01, are above the individual acceptance criteria for dichlorodifluoromethane (180%/169%), but within the overall method allowances. The results of the associated sample are reported.

Semivolatile Organics

L1938501-01: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as 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: Michelle M. Morris

Title: Technical Director/Representative Date: 08/30/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1938501

Project Number: 127887-007 **Report Date:** 08/30/19

SAMPLE RESULTS

Lab ID: L1938501-01 D
Client ID: DOC3A-CELL4B-7.5-190823-0815
Sample Location: ROME, NY

Date Collected: 08/23/19 08:15
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/29/19 09:41
Analyst: MV
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	520	240	2
1,1-Dichloroethane	ND		ug/kg	100	15.	2
Chloroform	ND		ug/kg	160	15.	2
Carbon tetrachloride	ND		ug/kg	100	24.	2
1,2-Dichloropropane	ND		ug/kg	100	13.	2
Dibromochloromethane	ND		ug/kg	100	15.	2
1,1,2-Trichloroethane	ND		ug/kg	100	28.	2
Tetrachloroethene	ND		ug/kg	52	21.	2
Chlorobenzene	ND		ug/kg	52	13.	2
Trichlorofluoromethane	ND		ug/kg	420	73.	2
1,2-Dichloroethane	ND		ug/kg	100	27.	2
1,1,1-Trichloroethane	ND		ug/kg	52	18.	2
Bromodichloromethane	ND		ug/kg	52	11.	2
trans-1,3-Dichloropropene	ND		ug/kg	100	29.	2
cis-1,3-Dichloropropene	ND		ug/kg	52	17.	2
1,3-Dichloropropene, Total	ND		ug/kg	52	17.	2
Bromoform	ND		ug/kg	420	26.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	17.	2
Benzene	ND		ug/kg	52	17.	2
Toluene	110		ug/kg	100	57.	2
Ethylbenzene	270		ug/kg	100	15.	2
Chloromethane	ND		ug/kg	420	98.	2
Bromomethane	ND		ug/kg	210	61.	2
Vinyl chloride	ND		ug/kg	100	35.	2
Chloroethane	ND		ug/kg	210	48.	2
1,1-Dichloroethene	ND		ug/kg	100	25.	2
trans-1,2-Dichloroethene	ND		ug/kg	160	14.	2
Trichloroethene	ND		ug/kg	52	14.	2

Project Name: LOT 3A IRM **Lab Number:** L1938501

Project Number: 127887-007 **Report Date:** 08/30/19

SAMPLE RESULTS

Lab ID: L1938501-01 D
Client ID: DOC3A-CELL4B-7.5-190823-0815
Sample Location: ROME, NY

Date Collected: 08/23/19 08:15
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	210	15.	2
1,3-Dichlorobenzene	ND		ug/kg	210	16.	2
1,4-Dichlorobenzene	ND		ug/kg	210	18.	2
Methyl tert butyl ether	ND		ug/kg	210	21.	2
p/m-Xylene	150	J	ug/kg	210	59.	2
o-Xylene	130		ug/kg	100	30.	2
Xylenes, Total	280	J	ug/kg	100	30.	2
cis-1,2-Dichloroethene	ND		ug/kg	100	18.	2
1,2-Dichloroethene, Total	ND		ug/kg	100	14.	2
Styrene	ND		ug/kg	100	21.	2
Dichlorodifluoromethane	ND		ug/kg	1000	96.	2
Acetone	ND		ug/kg	1000	500	2
Carbon disulfide	ND		ug/kg	1000	480	2
2-Butanone	ND		ug/kg	1000	230	2
4-Methyl-2-pentanone	ND		ug/kg	1000	130	2
2-Hexanone	ND		ug/kg	1000	120	2
Bromochloromethane	ND		ug/kg	210	22.	2
1,2-Dibromoethane	ND		ug/kg	100	29.	2
n-Butylbenzene	ND		ug/kg	100	18.	2
sec-Butylbenzene	ND		ug/kg	100	15.	2
tert-Butylbenzene	ND		ug/kg	210	12.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	320	100	2
Isopropylbenzene	19	J	ug/kg	100	11.	2
p-Isopropyltoluene	ND		ug/kg	100	11.	2
Naphthalene	12000		ug/kg	420	68.	2
n-Propylbenzene	ND		ug/kg	100	18.	2
1,2,3-Trichlorobenzene	ND		ug/kg	210	34.	2
1,2,4-Trichlorobenzene	ND		ug/kg	210	28.	2
1,3,5-Trimethylbenzene	ND		ug/kg	210	20.	2
1,2,4-Trimethylbenzene	76	J	ug/kg	210	35.	2
Methyl Acetate	1600		ug/kg	420	100	2
Cyclohexane	ND		ug/kg	1000	57.	2
1,4-Dioxane	ND		ug/kg	8400	3700	2
Freon-113	ND		ug/kg	420	73.	2
Methyl cyclohexane	ND		ug/kg	420	63.	2

Project Name: LOT 3A IRM **Lab Number:** L1938501

Project Number: 127887-007 **Report Date:** 08/30/19

SAMPLE RESULTS

Lab ID: L1938501-01 D
Client ID: DOC3A-CELL4B-7.5-190823-0815
Sample Location: ROME, NY

Date Collected: 08/23/19 08:15
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/29/19 07:06
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1278273-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/29/19 07:06
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1278273-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/29/19 07:06
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1278273-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1278273-3 WG1278273-4								
Methylene chloride	92		90		70-130	2		30
1,1-Dichloroethane	95		93		70-130	2		30
Chloroform	108		108		70-130	0		30
Carbon tetrachloride	122		120		70-130	2		30
1,2-Dichloropropane	93		91		70-130	2		30
Dibromochloromethane	103		102		70-130	1		30
1,1,2-Trichloroethane	91		92		70-130	1		30
Tetrachloroethene	95		94		70-130	1		30
Chlorobenzene	89		88		70-130	1		30
Trichlorofluoromethane	125		120		70-139	4		30
1,2-Dichloroethane	119		114		70-130	4		30
1,1,1-Trichloroethane	119		116		70-130	3		30
Bromodichloromethane	111		107		70-130	4		30
trans-1,3-Dichloropropene	99		97		70-130	2		30
cis-1,3-Dichloropropene	106		101		70-130	5		30
Bromoform	104		102		70-130	2		30
1,1,2,2-Tetrachloroethane	84		82		70-130	2		30
Benzene	95		92		70-130	3		30
Toluene	87		87		70-130	0		30
Ethylbenzene	89		88		70-130	1		30
Chloromethane	102		94		52-130	8		30
Bromomethane	107		102		57-147	5		30
Vinyl chloride	93		89		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1278273-3 WG1278273-4								
Chloroethane	90		86		50-151	5		30
1,1-Dichloroethene	103		103		65-135	0		30
trans-1,2-Dichloroethene	101		100		70-130	1		30
Trichloroethene	103		103		70-130	0		30
1,2-Dichlorobenzene	92		91		70-130	1		30
1,3-Dichlorobenzene	91		91		70-130	0		30
1,4-Dichlorobenzene	90		91		70-130	1		30
Methyl tert butyl ether	110		107		66-130	3		30
p/m-Xylene	89		89		70-130	0		30
o-Xylene	88		88		70-130	0		30
cis-1,2-Dichloroethene	103		101		70-130	2		30
Styrene	89		89		70-130	0		30
Dichlorodifluoromethane	**180**	Q	**169**	Q	30-146	6		30
Acetone	92		86		54-140	7		30
Carbon disulfide	94		89		59-130	5		30
2-Butanone	76		84		70-130	10		30
4-Methyl-2-pentanone	89		82		70-130	8		30
2-Hexanone	80		76		70-130	5		30
Bromochloromethane	116		115		70-130	1		30
1,2-Dibromoethane	102		102		70-130	0		30
n-Butylbenzene	78		77		70-130	1		30
sec-Butylbenzene	82		82		70-130	0		30
tert-Butylbenzene	86		86		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1278273-3 WG1278273-4								
1,2-Dibromo-3-chloropropane	99		92		68-130	7		30
Isopropylbenzene	87		86		70-130	1		30
p-Isopropyltoluene	86		85		70-130	1		30
Naphthalene	96		93		70-130	3		30
n-Propylbenzene	84		82		70-130	2		30
1,2,3-Trichlorobenzene	90		88		70-130	2		30
1,2,4-Trichlorobenzene	90		89		70-130	1		30
1,3,5-Trimethylbenzene	87		88		70-130	1		30
1,2,4-Trimethylbenzene	89		89		70-130	0		30
Methyl Acetate	96		90		51-146	6		30
Cyclohexane	93		91		59-142	2		30
1,4-Dioxane	100		91		65-136	9		30
Freon-113	115		112		50-139	3		30
Methyl cyclohexane	93		90		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		109		70-130
Toluene-d8	91		90		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	110		107		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938501
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938501-01
Client ID: DOC3A-CELL4B-7.5-190823-0815
Sample Location: ROME, NY

Date Collected: 08/23/19 08:15
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/30/19 15:36
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 08/28/19 10:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	88	J	ug/kg	450	59.	1
Hexachlorobenzene	ND		ug/kg	340	63.	1
Bis(2-chloroethyl)ether	ND		ug/kg	510	77.	1
2-Chloronaphthalene	ND		ug/kg	570	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	570	150	1
2,4-Dinitrotoluene	ND		ug/kg	570	110	1
2,6-Dinitrotoluene	ND		ug/kg	570	97.	1
Fluoranthene	260	J	ug/kg	340	65.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	570	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	570	86.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	680	97.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	610	57.	1
Hexachlorobutadiene	ND		ug/kg	570	83.	1
Hexachlorocyclopentadiene	ND		ug/kg	1600	510	1
Hexachloroethane	ND		ug/kg	450	92.	1
Isophorone	ND		ug/kg	510	74.	1
Naphthalene	2300		ug/kg	570	69.	1
Nitrobenzene	ND		ug/kg	510	84.	1
NDPA/DPA	ND		ug/kg	450	64.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	570	87.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	570	200	1
Butyl benzyl phthalate	ND		ug/kg	570	140	1
Di-n-butylphthalate	ND		ug/kg	570	110	1
Di-n-octylphthalate	ND		ug/kg	570	190	1
Diethyl phthalate	ND		ug/kg	570	52.	1
Dimethyl phthalate	ND		ug/kg	570	120	1
Benzo(a)anthracene	75	J	ug/kg	340	64.	1
Benzo(a)pyrene	ND		ug/kg	450	140	1

Project Name: LOT 3A IRM **Lab Number:** L1938501

Project Number: 127887-007 **Report Date:** 08/30/19

SAMPLE RESULTS

Lab ID: L1938501-01 Date Collected: 08/23/19 08:15

Client ID: DOC3A-CELL4B-7.5-190823-0815 Date Received: 08/23/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	340	95.	1
Benzo(k)fluoranthene	ND		ug/kg	340	91.	1
Chrysene	ND		ug/kg	340	59.	1
Acenaphthylene	ND		ug/kg	450	87.	1
Anthracene	110	J	ug/kg	340	110	1
Benzo(ghi)perylene	ND		ug/kg	450	67.	1
Fluorene	130	J	ug/kg	570	55.	1
Phenanthrene	440		ug/kg	340	69.	1
Dibenzo(a,h)anthracene	ND		ug/kg	340	65.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	450	79.	1
Pyrene	170	J	ug/kg	340	56.	1
Biphenyl	ND		ug/kg	1300	130	1
4-Chloroaniline	ND		ug/kg	570	100	1
2-Nitroaniline	ND		ug/kg	570	110	1
3-Nitroaniline	ND		ug/kg	570	110	1
4-Nitroaniline	ND		ug/kg	570	230	1
Dibenzofuran	95	J	ug/kg	570	54.	1
2-Methylnaphthalene	74	J	ug/kg	680	68.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	570	59.	1
Acetophenone	ND		ug/kg	570	70.	1
2,4,6-Trichlorophenol	ND		ug/kg	340	110	1
p-Chloro-m-cresol	ND		ug/kg	570	84.	1
2-Chlorophenol	ND		ug/kg	570	67.	1
2,4-Dichlorophenol	ND		ug/kg	510	91.	1
2,4-Dimethylphenol	ND		ug/kg	570	190	1
2-Nitrophenol	ND		ug/kg	1200	210	1
4-Nitrophenol	ND		ug/kg	790	230	1
2,4-Dinitrophenol	ND		ug/kg	2700	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	1500	270	1
Pentachlorophenol	ND		ug/kg	450	120	1
Phenol	ND		ug/kg	570	86.	1
2-Methylphenol	ND		ug/kg	570	88.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	820	89.	1
2,4,5-Trichlorophenol	ND		ug/kg	570	110	1
Carbazole	ND		ug/kg	570	55.	1
Atrazine	ND		ug/kg	450	200	1
Benzaldehyde	ND		ug/kg	750	150	1

Project Name: LOT 3A IRM **Lab Number:** L1938501

Project Number: 127887-007 **Report Date:** 08/30/19

SAMPLE RESULTS

Lab ID: L1938501-01 Date Collected: 08/23/19 08:15

Client ID: DOC3A-CELL4B-7.5-190823-0815 Date Received: 08/23/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	570	170	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	570	110	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	74		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 01:27
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/28/19 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1277525-1					
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	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
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	26.
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	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 01:27
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/28/19 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1277525-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
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	69.
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	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/29/19 01:27
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/28/19 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1277525-1					
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	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	53		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

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: WG1277525-2 WG1277525-3								
Acenaphthene	72		72		31-137	0		50
Hexachlorobenzene	72		74		40-140	3		50
Bis(2-chloroethyl)ether	74		70		40-140	6		50
2-Chloronaphthalene	74		72		40-140	3		50
3,3'-Dichlorobenzidine	58		60		40-140	3		50
2,4-Dinitrotoluene	74		74		40-132	0		50
2,6-Dinitrotoluene	76		74		40-140	3		50
Fluoranthene	72		72		40-140	0		50
4-Chlorophenyl phenyl ether	70		71		40-140	1		50
4-Bromophenyl phenyl ether	70		70		40-140	0		50
Bis(2-chloroisopropyl)ether	87		81		40-140	7		50
Bis(2-chloroethoxy)methane	75		75		40-117	0		50
Hexachlorobutadiene	68		63		40-140	8		50
Hexachlorocyclopentadiene	48		45		40-140	6		50
Hexachloroethane	72		64		40-140	12		50
Isophorone	78		76		40-140	3		50
Naphthalene	72		68		40-140	6		50
Nitrobenzene	76		73		40-140	4		50
NDPA/DPA	72		72		36-157	0		50
n-Nitrosodi-n-propylamine	78		78		32-121	0		50
Bis(2-ethylhexyl)phthalate	71		71		40-140	0		50
Butyl benzyl phthalate	72		72		40-140	0		50
Di-n-butylphthalate	72		74		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

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: WG1277525-2 WG1277525-3								
Di-n-octylphthalate	69		69		40-140	0		50
Diethyl phthalate	73		74		40-140	1		50
Dimethyl phthalate	75		75		40-140	0		50
Benzo(a)anthracene	70		70		40-140	0		50
Benzo(a)pyrene	69		70		40-140	1		50
Benzo(b)fluoranthene	70		70		40-140	0		50
Benzo(k)fluoranthene	73		73		40-140	0		50
Chrysene	71		71		40-140	0		50
Acenaphthylene	73		73		40-140	0		50
Anthracene	74		74		40-140	0		50
Benzo(ghi)perylene	70		72		40-140	3		50
Fluorene	72		73		40-140	1		50
Phenanthrene	72		72		40-140	0		50
Dibenzo(a,h)anthracene	70		70		40-140	0		50
Indeno(1,2,3-cd)pyrene	69		69		40-140	0		50
Pyrene	72		72		35-142	0		50
Biphenyl	75		74		37-127	1		50
4-Chloroaniline	72		80		40-140	11		50
2-Nitroaniline	74		74		47-134	0		50
3-Nitroaniline	61		65		26-129	6		50
4-Nitroaniline	69		71		41-125	3		50
Dibenzofuran	71		72		40-140	1		50
2-Methylnaphthalene	72		70		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

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: WG1277525-2 WG1277525-3								
1,2,4,5-Tetrachlorobenzene	71		69		40-117	3		50
Acetophenone	76		74		14-144	3		50
2,4,6-Trichlorophenol	73		72		30-130	1		50
p-Chloro-m-cresol	80		80		26-103	0		50
2-Chlorophenol	74		71		25-102	4		50
2,4-Dichlorophenol	76		76		30-130	0		50
2,4-Dimethylphenol	81		79		30-130	3		50
2-Nitrophenol	72		69		30-130	4		50
4-Nitrophenol	88		88		11-114	0		50
2,4-Dinitrophenol	48		46		4-130	4		50
4,6-Dinitro-o-cresol	66		66		10-130	0		50
Pentachlorophenol	64		63		17-109	2		50
Phenol	71		71		26-90	0		50
2-Methylphenol	78		76		30-130.	3		50
3-Methylphenol/4-Methylphenol	75		74		30-130	1		50
2,4,5-Trichlorophenol	76		76		30-130	0		50
Carbazole	72		73		54-128	1		50
Atrazine	68		74		40-140	8		50
Benzaldehyde	69		63		40-140	9		50
Caprolactam	84		78		15-130	7		50
2,3,4,6-Tetrachlorophenol	75		75		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938501

Report Date: 08/30/19

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: WG1277525-2 WG1277525-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		75		25-120
Phenol-d6	77		82		10-120
Nitrobenzene-d5	60		63		23-120
2-Fluorobiphenyl	57		61		30-120
2,4,6-Tribromophenol	74		81		10-136
4-Terphenyl-d14	54		59		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938501
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938501-01
Client ID: DOC3A-CELL4B-7.5-190823-0815
Sample Location: ROME, NY
Date Collected: 08/23/19 08:15
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.95		mg/kg	0.441	0.092	1	08/27/19 22:55	08/28/19 22:31	EPA 3050B	1,6010D	MC
Barium, Total	49.2		mg/kg	0.441	0.077	1	08/27/19 22:55	08/28/19 22:31	EPA 3050B	1,6010D	MC
Cadmium, Total	0.692		mg/kg	0.441	0.043	1	08/27/19 22:55	08/28/19 22:31	EPA 3050B	1,6010D	MC
Chromium, Total	10.7		mg/kg	0.441	0.042	1	08/27/19 22:55	08/28/19 22:31	EPA 3050B	1,6010D	MC
Lead, Total	4.47		mg/kg	2.20	0.118	1	08/27/19 22:55	08/28/19 22:31	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.074	0.049	1	08/28/19 19:28	08/29/19 01:48	EPA 7471B	1,7471B	MG
Selenium, Total	ND		mg/kg	0.882	0.114	1	08/27/19 22:55	08/28/19 22:31	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.441	0.125	1	08/27/19 22:55	08/28/19 22:31	EPA 3050B	1,6010D	MC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938501
Report Date: 08/30/19

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: WG1277482-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/27/19 22:55	08/28/19 20:27	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/27/19 22:55	08/28/19 20:27	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/27/19 22:55	08/28/19 20:27	1,6010D	MC
Chromium, Total	0.068	J	mg/kg	0.400	0.038	1	08/27/19 22:55	08/28/19 20:27	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/27/19 22:55	08/28/19 20:27	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/27/19 22:55	08/28/19 20:27	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	08/27/19 22:55	08/28/19 20:27	1,6010D	MC

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 Batch: WG1277911-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/28/19 19:28	08/29/19 00:19	1,7471B	MG

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1277482-2 SRM Lot Number: D105-540								
Arsenic, Total	99		-		70-130	-		
Barium, Total	87		-		75-125	-		
Cadmium, Total	104		-		75-125	-		
Chromium, Total	88		-		70-130	-		
Lead, Total	90		-		71-128	-		
Selenium, Total	97		-		63-137	-		
Silver, Total	89		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1277911-2 SRM Lot Number: D105-540								
Mercury, Total	88		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

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 QC Batch ID: WG1277482-3 QC Sample: L1936758-06 Client ID: MS Sample												
Arsenic, Total	0.559J	9.84	10.2	104		-	-		75-125	-		20
Barium, Total	4.74	164	158	93		-	-		75-125	-		20
Cadmium, Total	0.237J	4.18	4.17	100		-	-		75-125	-		20
Chromium, Total	2.98	16.4	18.4	94		-	-		75-125	-		20
Lead, Total	1.42J	41.8	39.6	95		-	-		75-125	-		20
Selenium, Total	0.246J	9.84	8.97	91		-	-		75-125	-		20
Silver, Total	ND	24.6	24.3	99		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277911-3 QC Sample: L1938659-03 Client ID: MS Sample												
Mercury, Total	ND	0.184	0.195	106		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938501

Report Date: 08/30/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277482-4 QC Sample: L1936758-06 Client ID: DUP Sample						
Arsenic, Total	0.559J	0.414J	mg/kg	NC		20
Barium, Total	4.74	6.10	mg/kg	**25**	Q	20
Cadmium, Total	0.237J	0.240J	mg/kg	NC		20
Chromium, Total	2.98	3.05	mg/kg	2		20
Lead, Total	1.42J	1.39J	mg/kg	NC		20
Selenium, Total	0.246J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1277911-4 QC Sample: L1938659-03 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

SAMPLE RESULTS

Lab ID: L1938501-01
Client ID: DOC3A-CELL4B-7.5-190823-0815
Sample Location: ROME, NY

Date Collected: 08/23/19 08:15
Date Received: 08/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	08/24/19 12:26	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938501

Report Date: 08/30/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1276353-1 QC Sample: L1938361-01 Client ID: DUP Sample						
Solids, Total	87.1	86.8	%	0		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938501
Report Date: 08/30/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1938501-01A	Vial MeOH preserved	A	NA		5.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1938501-01B	Vial water preserved	A	NA		5.5	Y	Absent	24-AUG-19 06:18	NYTCL-8260HLW-R2(14)
L1938501-01C	Vial water preserved	A	NA		5.5	Y	Absent	24-AUG-19 06:18	NYTCL-8260HLW-R2(14)
L1938501-01D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Absent		TS(7)
L1938501-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1938501-01F	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1938501
Project Number:	127887-007	**Report Date:**	08/30/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938501
Project Number:	127887-007	**Report Date:**	08/30/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938501
Project Number:	127887-007	**Report Date:**	08/30/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/24/19

ALPHA Job #: L1938501

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
38501-01	DOC3A-CELL4B-7.5-190823-0815	8/23/2019	8:15	SO	PAF	7.5	X	X	X							6
Container Type							A	V	A							
Preservative							A	A F	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FACE	8/23/19 1650		8/23/19 1650
	8/23/19 2240		8/24/19 0110

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1938949
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	09/04/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1938949-01	DOC3A-CELL4C-8-190827-1400	SOIL	ROME, NY	08/27/19 14:00	08/27/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1938949
Project Number:	127887-007	**Report Date:**	09/04/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1938949
Project Number:	127887-007	**Report Date:**	09/04/19

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

The WG1279064-2/-3 LCS/LCSD recoveries, associated with L1938949-01 (DOC3A-CELL4C-8-190827-1400), are outside the acceptance criteria for dichlorodifluoromethane (182%/178%), 2-butanone (66%/50%) and 2-hexanone (LCSD 68%), but within the overall method allowances. 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/04/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938949
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938949-01
Client ID: DOC3A-CELL4C-8-190827-1400
Sample Location: ROME, NY
Date Collected: 08/27/19 14:00
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/30/19 11:11
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1

Project Name: LOT 3A IRM **Lab Number:** L1938949

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938949-01 Date Collected: 08/27/19 14:00

Client ID: DOC3A-CELL4C-8-190827-1400 Date Received: 08/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
Methyl Acetate	ND		ug/kg	3.8	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Project Name: LOT 3A IRM **Lab Number:** L1938949

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938949-01 Date Collected: 08/27/19 14:00

Client ID: DOC3A-CELL4C-8-190827-1400 Date Received: 08/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/30/19 10:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1279064-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/30/19 10:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1279064-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/30/19 10:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1279064-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

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: WG1279064-3 WG1279064-4								
Methylene chloride	90		88		70-130	2		30
1,1-Dichloroethane	93		91		70-130	2		30
Chloroform	107		103		70-130	4		30
Carbon tetrachloride	128		126		70-130	2		30
1,2-Dichloropropane	86		87		70-130	1		30
Dibromochloromethane	107		106		70-130	1		30
1,1,2-Trichloroethane	93		89		70-130	4		30
Tetrachloroethene	107		105		70-130	2		30
Chlorobenzene	95		95		70-130	0		30
Trichlorofluoromethane	126		123		70-139	2		30
1,2-Dichloroethane	112		109		70-130	3		30
1,1,1-Trichloroethane	121		120		70-130	1		30
Bromodichloromethane	105		104		70-130	1		30
trans-1,3-Dichloropropene	100		97		70-130	3		30
cis-1,3-Dichloropropene	98		94		70-130	4		30
Bromoform	105		104		70-130	1		30
1,1,2,2-Tetrachloroethane	84		80		70-130	5		30
Benzene	92		90		70-130	2		30
Toluene	94		91		70-130	3		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	96		93		52-130	3		30
Bromomethane	96		94		57-147	2		30
Vinyl chloride	90		87		67-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

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: WG1279064-3 WG1279064-4								
Chloroethane	85		84		50-151	1		30
1,1-Dichloroethene	103		101		65-135	2		30
trans-1,2-Dichloroethene	100		100		70-130	0		30
Trichloroethene	104		102		70-130	2		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	102		100		70-130	2		30
1,4-Dichlorobenzene	101		100		70-130	1		30
Methyl tert butyl ether	100		97		66-130	3		30
p/m-Xylene	97		97		70-130	0		30
o-Xylene	95		94		70-130	1		30
cis-1,2-Dichloroethene	101		99		70-130	2		30
Styrene	94		93		70-130	1		30
Dichlorodifluoromethane	**182**	Q	**178**	Q	30-146	2		30
Acetone	84		77		54-140	9		30
Carbon disulfide	91		88		59-130	3		30
2-Butanone	**66**	Q	**50**	Q	70-130	28		30
4-Methyl-2-pentanone	84		80		70-130	5		30
2-Hexanone	73		**68**	Q	70-130	7		30
Bromochloromethane	108		107		70-130	1		30
1,2-Dibromoethane	103		100		70-130	3		30
n-Butylbenzene	97		96		70-130	1		30
sec-Butylbenzene	100		98		70-130	2		30
tert-Butylbenzene	102		100		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

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: WG1279064-3 WG1279064-4								
1,2-Dibromo-3-chloropropane	100		96		68-130	4		30
Isopropylbenzene	100		100		70-130	0		30
p-Isopropyltoluene	102		102		70-130	0		30
Naphthalene	98		95		70-130	3		30
n-Propylbenzene	97		96		70-130	1		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	102		100		70-130	2		30
1,3,5-Trimethylbenzene	102		100		70-130	2		30
1,2,4-Trimethylbenzene	102		100		70-130	2		30
Methyl Acetate	79		73		51-146	8		30
Cyclohexane	94		91		59-142	3		30
1,4-Dioxane	90		84		65-136	7		30
Freon-113	116		114		50-139	2		30
Methyl cyclohexane	98		98		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		107		70-130
Toluene-d8	90		90		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	102		100		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938949
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938949-01
Client ID: DOC3A-CELL4C-8-190827-1400
Sample Location: ROME, NY

Date Collected: 08/27/19 14:00
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/31/19 21:18
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/30/19 08:44

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	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	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	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		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	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: LOT 3A IRM **Lab Number:** L1938949

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938949-01 Date Collected: 08/27/19 14:00

Client ID: DOC3A-CELL4C-8-190827-1400 Date Received: 08/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	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	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: LOT 3A IRM **Lab Number:** L1938949

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938949-01 Date Collected: 08/27/19 14:00

Client ID: DOC3A-CELL4C-8-190827-1400 Date Received: 08/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	60		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/31/19 14:28
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/30/19 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278687-1					
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	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	460	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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
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	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/31/19 14:28
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/30/19 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278687-1					
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	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/31/19 14:28
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/30/19 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278687-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
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	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	61		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

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: WG1278687-2 WG1278687-3								
Acenaphthene	71		56		31-137	24		50
Hexachlorobenzene	76		59		40-140	25		50
Bis(2-chloroethyl)ether	68		51		40-140	29		50
2-Chloronaphthalene	74		57		40-140	26		50
3,3'-Dichlorobenzidine	53		45		40-140	16		50
2,4-Dinitrotoluene	80		61		40-132	27		50
2,6-Dinitrotoluene	80		62		40-140	25		50
Fluoranthene	74		58		40-140	24		50
4-Chlorophenyl phenyl ether	71		55		40-140	25		50
4-Bromophenyl phenyl ether	72		57		40-140	23		50
Bis(2-chloroisopropyl)ether	65		48		40-140	30		50
Bis(2-chloroethoxy)methane	70		53		40-117	28		50
Hexachlorobutadiene	69		53		40-140	26		50
Hexachlorocyclopentadiene	74		57		40-140	26		50
Hexachloroethane	67		51		40-140	27		50
Isophorone	72		55		40-140	27		50
Naphthalene	71		54		40-140	27		50
Nitrobenzene	73		54		40-140	30		50
NDPA/DPA	75		58		36-157	26		50
n-Nitrosodi-n-propylamine	72		54		32-121	29		50
Bis(2-ethylhexyl)phthalate	65		53		40-140	20		50
Butyl benzyl phthalate	72		57		40-140	23		50
Di-n-butylphthalate	69		56		40-140	21		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

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: WG1278687-2 WG1278687-3								
Di-n-octylphthalate	64		53		40-140	19		50
Diethyl phthalate	72		57		40-140	23		50
Dimethyl phthalate	76		58		40-140	27		50
Benzo(a)anthracene	71		57		40-140	22		50
Benzo(a)pyrene	70		57		40-140	20		50
Benzo(b)fluoranthene	72		59		40-140	20		50
Benzo(k)fluoranthene	73		61		40-140	18		50
Chrysene	70		57		40-140	20		50
Acenaphthylene	74		56		40-140	28		50
Anthracene	74		58		40-140	24		50
Benzo(ghi)perylene	73		57		40-140	25		50
Fluorene	73		58		40-140	23		50
Phenanthrene	70		55		40-140	24		50
Dibenzo(a,h)anthracene	73		58		40-140	23		50
Indeno(1,2,3-cd)pyrene	72		58		40-140	22		50
Pyrene	72		57		35-142	23		50
Biphenyl	72		56		37-127	25		50
4-Chloroaniline	65		53		40-140	20		50
2-Nitroaniline	81		61		47-134	28		50
3-Nitroaniline	60		51		26-129	16		50
4-Nitroaniline	71		56		41-125	24		50
Dibenzofuran	72		57		40-140	23		50
2-Methylnaphthalene	73		57		40-140	25		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

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: WG1278687-2 WG1278687-3								
1,2,4,5-Tetrachlorobenzene	72		57		40-117	23		50
Acetophenone	74		55		14-144	29		50
2,4,6-Trichlorophenol	77		60		30-130	25		50
p-Chloro-m-cresol	77		59		26-103	26		50
2-Chlorophenol	74		54		25-102	31		50
2,4-Dichlorophenol	77		59		30-130	26		50
2,4-Dimethylphenol	82		59		30-130	33		50
2-Nitrophenol	78		57		30-130	31		50
4-Nitrophenol	81		63		11-114	25		50
2,4-Dinitrophenol	70		50		4-130	33		50
4,6-Dinitro-o-cresol	78		57		10-130	31		50
Pentachlorophenol	71		53		17-109	29		50
Phenol	75		55		26-90	31		50
2-Methylphenol	76		57		30-130.	29		50
3-Methylphenol/4-Methylphenol	76		56		30-130	30		50
2,4,5-Trichlorophenol	78		60		30-130	26		50
Carbazole	73		57		54-128	25		50
Atrazine	76		59		40-140	25		50
Benzaldehyde	71		50		40-140	35		50
Caprolactam	80		60		15-130	29		50
2,3,4,6-Tetrachlorophenol	78		60		40-140	26		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938949

Report Date: 09/04/19

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: WG1278687-2 WG1278687-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		52		25-120
Phenol-d6	74		53		10-120
Nitrobenzene-d5	56		41		23-120
2-Fluorobiphenyl	57		43		30-120
2,4,6-Tribromophenol	77		59		10-136
4-Terphenyl-d14	54		43		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938949
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938949-01
Client ID: DOC3A-CELL4C-8-190827-1400
Sample Location: ROME, NY
Date Collected: 08/27/19 14:00
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.92		mg/kg	0.462	0.096	1	08/29/19 20:55	09/03/19 19:40	EPA 3050B	1,6010D	AB
Barium, Total	57.6		mg/kg	0.462	0.080	1	08/29/19 20:55	09/03/19 19:40	EPA 3050B	1,6010D	AB
Cadmium, Total	1.18		mg/kg	0.462	0.045	1	08/29/19 20:55	09/03/19 19:40	EPA 3050B	1,6010D	AB
Chromium, Total	10.4		mg/kg	0.462	0.044	1	08/29/19 20:55	09/03/19 19:40	EPA 3050B	1,6010D	AB
Lead, Total	4.41		mg/kg	2.31	0.124	1	08/29/19 20:55	09/03/19 19:40	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.074	0.048	1	08/30/19 10:20	08/31/19 17:11	EPA 7471B	1,7471B	AL
Selenium, Total	0.171	J	mg/kg	0.923	0.119	1	08/29/19 20:55	09/03/19 19:40	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.462	0.131	1	08/29/19 20:55	09/03/19 19:40	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1938949

Project Number: 127887-007 **Report Date:** 09/04/19

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: WG1278458-1										
Arsenic, Total	0.092	J	mg/kg	0.400	0.083	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB

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 Batch: WG1278734-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/30/19 10:20	08/31/19 15:40	1,7471B	AL

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278458-2 SRM Lot Number: D105-540								
Arsenic, Total	110		-		70-130	-		
Barium, Total	96		-		75-125	-		
Cadmium, Total	103		-		75-125	-		
Chromium, Total	96		-		70-130	-		
Lead, Total	99		-		71-128	-		
Selenium, Total	108		-		63-137	-		
Silver, Total	98		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278734-2 SRM Lot Number: D105-540								
Mercury, Total	99		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

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 QC Batch ID: WG1278458-3 QC Sample: L1938621-01 Client ID: MS Sample												
Arsenic, Total	2.52	10.7	11.2	81		-	-		75-125	-		20
Barium, Total	133	178	272	78		-	-		75-125	-		20
Cadmium, Total	3.17	4.54	6.25	**68**	Q	-	-		75-125	-		20
Chromium, Total	20.7	17.8	34.1	75		-	-		75-125	-		20
Lead, Total	3.82J	45.4	33.3	**73**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.7	7.66	**72**	Q	-	-		75-125	-		20
Silver, Total	ND	26.7	20.4	76		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278734-3 QC Sample: L1938648-02 Client ID: MS Sample												
Mercury, Total	ND	0.134	0.144	108		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938949

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278458-4 QC Sample: L1938621-01 Client ID: DUP Sample						
Arsenic, Total	2.52	2.58	mg/kg	2		20
Barium, Total	133	152	mg/kg	13		20
Cadmium, Total	3.17	3.62	mg/kg	13		20
Chromium, Total	20.7	19.6	mg/kg	5		20
Lead, Total	3.82J	3.75J	mg/kg	NC		20
Selenium, Total	ND	0.450J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278734-4 QC Sample: L1938648-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938949-01
Client ID: DOC3A-CELL4C-8-190827-1400
Sample Location: ROME, NY

Date Collected: 08/27/19 14:00
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	08/28/19 10:01	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938949

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1277646-1 QC Sample: L1938844-01 Client ID: DUP Sample						
Solids, Total	86.2	86.2	%	0		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938949
Report Date: 09/04/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1938949-01A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW-R2(14)
L1938949-01B	Vial water preserved	A	NA		4.3	Y	Absent	28-AUG-19 04:53	NYTCL-8260HLW-R2(14)
L1938949-01C	Vial water preserved	A	NA		4.3	Y	Absent	28-AUG-19 04:53	NYTCL-8260HLW-R2(14)
L1938949-01D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L1938949-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1938949-01F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1938949
Project Number:	127887-007	**Report Date:**	09/04/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938949
Project Number:	127887-007	**Report Date:**	09/04/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1938949
Project Number: 127887-007 **Report Date:** 09/04/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page
of

Date Rec'd in Lab 8/28/19

ALPHA Job # L1938949

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project # 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
38949-01	DOC3A-CELL4C-8-190827-1400	8/27/2019	14:00	SO	PAF	8	X	X	X							6
Container Type							A	V	A							
Preservative							A	A F	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[illegible] FEDEX	8/27/19 1640	[illegible]	8/27/19 16:40
		[illegible]	8/28/19 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019- Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1938951
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	09/04/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1938951-01	DOC3A-CELL5B-8.5-190827-1030	SOIL	ROME, NY	08/27/19 10:30	08/27/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1938951
Project Number:	127887-007	**Report Date:**	09/04/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1938951
Project Number:	127887-007	**Report Date:**	09/04/19

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

L1938951-01 (DOC3A-CELL5B-8.5-190827-1030): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/04/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1938951

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938951-01 D
Client ID: DOC3A-CELL5B-8.5-190827-1030
Sample Location: ROME, NY

Date Collected: 08/27/19 10:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/30/19 13:38
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	880	400	2.5
1,1-Dichloroethane	ND		ug/kg	180	26.	2.5
Chloroform	ND		ug/kg	260	25.	2.5
Carbon tetrachloride	ND		ug/kg	180	40.	2.5
1,2-Dichloropropane	ND		ug/kg	180	22.	2.5
Dibromochloromethane	ND		ug/kg	180	25.	2.5
1,1,2-Trichloroethane	ND		ug/kg	180	47.	2.5
Tetrachloroethene	ND		ug/kg	88	34.	2.5
Chlorobenzene	ND		ug/kg	88	22.	2.5
Trichlorofluoromethane	ND		ug/kg	700	120	2.5
1,2-Dichloroethane	ND		ug/kg	180	45.	2.5
1,1,1-Trichloroethane	ND		ug/kg	88	29.	2.5
Bromodichloromethane	ND		ug/kg	88	19.	2.5
trans-1,3-Dichloropropene	ND		ug/kg	180	48.	2.5
cis-1,3-Dichloropropene	ND		ug/kg	88	28.	2.5
1,3-Dichloropropene, Total	ND		ug/kg	88	28.	2.5
Bromoform	ND		ug/kg	700	43.	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	88	29.	2.5
Benzene	93		ug/kg	88	29.	2.5
Toluene	130	J	ug/kg	180	96.	2.5
Ethylbenzene	200		ug/kg	180	25.	2.5
Chloromethane	ND		ug/kg	700	160	2.5
Bromomethane	ND		ug/kg	350	100	2.5
Vinyl chloride	ND		ug/kg	180	59.	2.5
Chloroethane	ND		ug/kg	350	80.	2.5
1,1-Dichloroethene	ND		ug/kg	180	42.	2.5
trans-1,2-Dichloroethene	ND		ug/kg	260	24.	2.5
Trichloroethene	ND		ug/kg	88	24.	2.5

Project Name: LOT 3A IRM **Lab Number:** L1938951

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938951-01 D
Client ID: DOC3A-CELL5B-8.5-190827-1030
Sample Location: ROME, NY

Date Collected: 08/27/19 10:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	350	25.	2.5
1,3-Dichlorobenzene	ND		ug/kg	350	26.	2.5
1,4-Dichlorobenzene	ND		ug/kg	350	30.	2.5
Methyl tert butyl ether	ND		ug/kg	350	35.	2.5
p/m-Xylene	220	J	ug/kg	350	99.	2.5
o-Xylene	120	J	ug/kg	180	51.	2.5
Xylenes, Total	340	J	ug/kg	180	51.	2.5
cis-1,2-Dichloroethene	ND		ug/kg	180	31.	2.5
1,2-Dichloroethene, Total	ND		ug/kg	180	24.	2.5
Styrene	ND		ug/kg	180	34.	2.5
Dichlorodifluoromethane	ND		ug/kg	1800	160	2.5
Acetone	ND		ug/kg	1800	850	2.5
Carbon disulfide	ND		ug/kg	1800	800	2.5
2-Butanone	ND		ug/kg	1800	390	2.5
4-Methyl-2-pentanone	ND		ug/kg	1800	220	2.5
2-Hexanone	ND		ug/kg	1800	210	2.5
Bromochloromethane	ND		ug/kg	350	36.	2.5
1,2-Dibromoethane	ND		ug/kg	180	49.	2.5
n-Butylbenzene	ND		ug/kg	180	29.	2.5
sec-Butylbenzene	ND		ug/kg	180	26.	2.5
tert-Butylbenzene	ND		ug/kg	350	21.	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	530	180	2.5
Isopropylbenzene	19	J	ug/kg	180	19.	2.5
p-Isopropyltoluene	ND		ug/kg	180	19.	2.5
Naphthalene	45000		ug/kg	700	110	2.5
n-Propylbenzene	ND		ug/kg	180	30.	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	350	57.	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	350	48.	2.5
1,3,5-Trimethylbenzene	120	J	ug/kg	350	34.	2.5
1,2,4-Trimethylbenzene	300	J	ug/kg	350	59.	2.5
Methyl Acetate	260	J	ug/kg	700	170	2.5
Cyclohexane	ND		ug/kg	1800	96.	2.5
1,4-Dioxane	ND		ug/kg	14000	6200	2.5
Freon-113	ND		ug/kg	700	120	2.5
Methyl cyclohexane	ND		ug/kg	700	110	2.5

Project Name: LOT 3A IRM **Lab Number:** L1938951

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938951-01 D
Client ID: DOC3A-CELL5B-8.5-190827-1030
Sample Location: ROME, NY

Date Collected: 08/27/19 10:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	99		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/30/19 11:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1279020-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	30	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/30/19 11:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1279020-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/30/19 11:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1279020-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1279020-3 WG1279020-4								
Methylene chloride	94		95		70-130	1		30
1,1-Dichloroethane	102		106		70-130	4		30
Chloroform	97		102		70-130	5		30
Carbon tetrachloride	88		91		70-130	3		30
1,2-Dichloropropane	103		109		70-130	6		30
Dibromochloromethane	86		89		70-130	3		30
1,1,2-Trichloroethane	88		92		70-130	4		30
Tetrachloroethene	75		76		70-130	1		30
Chlorobenzene	84		87		70-130	4		30
Trichlorofluoromethane	81		82		70-139	1		30
1,2-Dichloroethane	102		107		70-130	5		30
1,1,1-Trichloroethane	94		97		70-130	3		30
Bromodichloromethane	100		105		70-130	5		30
trans-1,3-Dichloropropene	92		95		70-130	3		30
cis-1,3-Dichloropropene	98		103		70-130	5		30
Bromoform	73		75		70-130	3		30
1,1,2,2-Tetrachloroethane	91		94		70-130	3		30
Benzene	95		98		70-130	3		30
Toluene	85		87		70-130	2		30
Ethylbenzene	87		89		70-130	2		30
Chloromethane	93		94		52-130	1		30
Bromomethane	76		79		57-147	4		30
Vinyl chloride	79		80		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1279020-3 WG1279020-4								
Chloroethane	81		84		50-151	4		30
1,1-Dichloroethene	84		85		65-135	1		30
trans-1,2-Dichloroethene	88		89		70-130	1		30
Trichloroethene	91		94		70-130	3		30
1,2-Dichlorobenzene	78		82		70-130	5		30
1,3-Dichlorobenzene	79		81		70-130	3		30
1,4-Dichlorobenzene	78		81		70-130	4		30
Methyl tert butyl ether	92		99		66-130	7		30
p/m-Xylene	85		87		70-130	2		30
o-Xylene	85		88		70-130	3		30
cis-1,2-Dichloroethene	90		93		70-130	3		30
Styrene	87		90		70-130	3		30
Dichlorodifluoromethane	48		49		30-146	2		30
Acetone	140		129		54-140	8		30
Carbon disulfide	85		85		59-130	0		30
2-Butanone	123		119		70-130	3		30
4-Methyl-2-pentanone	100		102		70-130	2		30
2-Hexanone	113		114		70-130	1		30
Bromochloromethane	88		92		70-130	4		30
1,2-Dibromoethane	86		90		70-130	5		30
n-Butylbenzene	84		86		70-130	2		30
sec-Butylbenzene	83		84		70-130	1		30
tert-Butylbenzene	81		82		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1279020-3 WG1279020-4								
1,2-Dibromo-3-chloropropane	74		75		68-130	1		30
Isopropylbenzene	84		86		70-130	2		30
p-Isopropyltoluene	80		82		70-130	2		30
Naphthalene	80		83		70-130	4		30
n-Propylbenzene	87		88		70-130	1		30
1,2,3-Trichlorobenzene	73		76		70-130	4		30
1,2,4-Trichlorobenzene	73		77		70-130	5		30
1,3,5-Trimethylbenzene	85		86		70-130	1		30
1,2,4-Trimethylbenzene	85		87		70-130	2		30
Methyl Acetate	129		129		51-146	0		30
Cyclohexane	99		102		59-142	3		30
1,4-Dioxane	111		108		65-136	3		30
Freon-113	82		84		50-139	2		30
Methyl cyclohexane	82		84		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		112		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	112		110		70-130
Dibromofluoromethane	101		102		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938951
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938951-01
Client ID: DOC3A-CELL5B-8.5-190827-1030
Sample Location: ROME, NY

Date Collected: 08/27/19 10:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/31/19 20:53
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/30/19 08:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	770		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	500		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	220	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	7600		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	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	140		ug/kg	120	22.	1
Benzo(a)pyrene	62	J	ug/kg	160	49.	1

Project Name: LOT 3A IRM **Lab Number:** L1938951

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938951-01 Date Collected: 08/27/19 10:30

Client ID: DOC3A-CELL5B-8.5-190827-1030 Date Received: 08/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	85	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	33	J	ug/kg	120	32.	1
Chrysene	110	J	ug/kg	120	21.	1
Acenaphthylene	72	J	ug/kg	160	31.	1
Anthracene	110	J	ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	620		ug/kg	200	19.	1
Phenanthrene	1200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	330		ug/kg	120	20.	1
Biphenyl	210	J	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	680		ug/kg	200	19.	1
2-Methylnaphthalene	1100		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	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	440		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: LOT 3A IRM **Lab Number:** L1938951

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1938951-01 Date Collected: 08/27/19 10:30

Client ID: DOC3A-CELL5B-8.5-190827-1030 Date Received: 08/27/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	58		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/31/19 14:28
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/30/19 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278687-1					
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	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	460	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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
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	27.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/31/19 14:28
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/30/19 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278687-1					
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	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.
4-Nitrophenol	ND		ug/kg	230	66.
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/31/19 14:28
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 08/30/19 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1278687-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
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	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	61		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

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: WG1278687-2 WG1278687-3								
Acenaphthene	71		56		31-137	24		50
Hexachlorobenzene	76		59		40-140	25		50
Bis(2-chloroethyl)ether	68		51		40-140	29		50
2-Chloronaphthalene	74		57		40-140	26		50
3,3'-Dichlorobenzidine	53		45		40-140	16		50
2,4-Dinitrotoluene	80		61		40-132	27		50
2,6-Dinitrotoluene	80		62		40-140	25		50
Fluoranthene	74		58		40-140	24		50
4-Chlorophenyl phenyl ether	71		55		40-140	25		50
4-Bromophenyl phenyl ether	72		57		40-140	23		50
Bis(2-chloroisopropyl)ether	65		48		40-140	30		50
Bis(2-chloroethoxy)methane	70		53		40-117	28		50
Hexachlorobutadiene	69		53		40-140	26		50
Hexachlorocyclopentadiene	74		57		40-140	26		50
Hexachloroethane	67		51		40-140	27		50
Isophorone	72		55		40-140	27		50
Naphthalene	71		54		40-140	27		50
Nitrobenzene	73		54		40-140	30		50
NDPA/DPA	75		58		36-157	26		50
n-Nitrosodi-n-propylamine	72		54		32-121	29		50
Bis(2-ethylhexyl)phthalate	65		53		40-140	20		50
Butyl benzyl phthalate	72		57		40-140	23		50
Di-n-butylphthalate	69		56		40-140	21		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

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: WG1278687-2 WG1278687-3								
Di-n-octylphthalate	64		53		40-140	19		50
Diethyl phthalate	72		57		40-140	23		50
Dimethyl phthalate	76		58		40-140	27		50
Benzo(a)anthracene	71		57		40-140	22		50
Benzo(a)pyrene	70		57		40-140	20		50
Benzo(b)fluoranthene	72		59		40-140	20		50
Benzo(k)fluoranthene	73		61		40-140	18		50
Chrysene	70		57		40-140	20		50
Acenaphthylene	74		56		40-140	28		50
Anthracene	74		58		40-140	24		50
Benzo(ghi)perylene	73		57		40-140	25		50
Fluorene	73		58		40-140	23		50
Phenanthrene	70		55		40-140	24		50
Dibenzo(a,h)anthracene	73		58		40-140	23		50
Indeno(1,2,3-cd)pyrene	72		58		40-140	22		50
Pyrene	72		57		35-142	23		50
Biphenyl	72		56		37-127	25		50
4-Chloroaniline	65		53		40-140	20		50
2-Nitroaniline	81		61		47-134	28		50
3-Nitroaniline	60		51		26-129	16		50
4-Nitroaniline	71		56		41-125	24		50
Dibenzofuran	72		57		40-140	23		50
2-Methylnaphthalene	73		57		40-140	25		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

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: WG1278687-2 WG1278687-3								
1,2,4,5-Tetrachlorobenzene	72		57		40-117	23		50
Acetophenone	74		55		14-144	29		50
2,4,6-Trichlorophenol	77		60		30-130	25		50
p-Chloro-m-cresol	77		59		26-103	26		50
2-Chlorophenol	74		54		25-102	31		50
2,4-Dichlorophenol	77		59		30-130	26		50
2,4-Dimethylphenol	82		59		30-130	33		50
2-Nitrophenol	78		57		30-130	31		50
4-Nitrophenol	81		63		11-114	25		50
2,4-Dinitrophenol	70		50		4-130	33		50
4,6-Dinitro-o-cresol	78		57		10-130	31		50
Pentachlorophenol	71		53		17-109	29		50
Phenol	75		55		26-90	31		50
2-Methylphenol	76		57		30-130.	29		50
3-Methylphenol/4-Methylphenol	76		56		30-130	30		50
2,4,5-Trichlorophenol	78		60		30-130	26		50
Carbazole	73		57		54-128	25		50
Atrazine	76		59		40-140	25		50
Benzaldehyde	71		50		40-140	35		50
Caprolactam	80		60		15-130	29		50
2,3,4,6-Tetrachlorophenol	78		60		40-140	26		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

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: WG1278687-2 WG1278687-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		52		25-120
Phenol-d6	74		53		10-120
Nitrobenzene-d5	56		41		23-120
2-Fluorobiphenyl	57		43		30-120
2,4,6-Tribromophenol	77		59		10-136
4-Terphenyl-d14	54		43		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1938951
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938951-01
Client ID: DOC3A-CELL5B-8.5-190827-1030
Sample Location: ROME, NY
Date Collected: 08/27/19 10:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.28		mg/kg	0.455	0.095	1	08/29/19 20:55	09/03/19 20:02	EPA 3050B	1,6010D	AB
Barium, Total	37.6		mg/kg	0.455	0.079	1	08/29/19 20:55	09/03/19 20:02	EPA 3050B	1,6010D	AB
Cadmium, Total	1.33		mg/kg	0.455	0.045	1	08/29/19 20:55	09/03/19 20:02	EPA 3050B	1,6010D	AB
Chromium, Total	8.48		mg/kg	0.455	0.044	1	08/29/19 20:55	09/03/19 20:02	EPA 3050B	1,6010D	AB
Lead, Total	3.54		mg/kg	2.27	0.122	1	08/29/19 20:55	09/03/19 20:02	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.076	0.050	1	08/30/19 08:10	08/30/19 17:16	EPA 7471B	1,7471B	GD
Selenium, Total	0.177	J	mg/kg	0.910	0.117	1	08/29/19 20:55	09/03/19 20:02	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.455	0.129	1	08/29/19 20:55	09/03/19 20:02	EPA 3050B	1,6010D	AB

Project Name: LOT 3A IRM **Lab Number:** L1938951

Project Number: 127887-007 **Report Date:** 09/04/19

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: WG1278458-1										
Arsenic, Total	0.092	J	mg/kg	0.400	0.083	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	08/29/19 20:55	09/03/19 18:12	1,6010D	AB

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 Batch: WG1278637-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/30/19 08:10	08/30/19 10:36	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278458-2 SRM Lot Number: D105-540								
Arsenic, Total	110		-		70-130	-		
Barium, Total	96		-		75-125	-		
Cadmium, Total	103		-		75-125	-		
Chromium, Total	96		-		70-130	-		
Lead, Total	99		-		71-128	-		
Selenium, Total	108		-		63-137	-		
Silver, Total	98		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1278637-2 SRM Lot Number: D105-540								
Mercury, Total	105		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

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 QC Batch ID: WG1278458-3 QC Sample: L1938621-01 Client ID: MS Sample												
Arsenic, Total	2.52	10.7	11.2	81		-	-		75-125	-		20
Barium, Total	133	178	272	78		-	-		75-125	-		20
Cadmium, Total	3.17	4.54	6.25	**68**	Q	-	-		75-125	-		20
Chromium, Total	20.7	17.8	34.1	75		-	-		75-125	-		20
Lead, Total	3.82J	45.4	33.3	**73**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.7	7.66	**72**	Q	-	-		75-125	-		20
Silver, Total	ND	26.7	20.4	76		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278637-3 QC Sample: L1939431-01 Client ID: MS Sample												
Mercury, Total	1.81	0.138	2.40	**426**	Q	-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938951

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278458-4 QC Sample: L1938621-01 Client ID: DUP Sample						
Arsenic, Total	2.52	2.58	mg/kg	2		20
Barium, Total	133	152	mg/kg	13		20
Cadmium, Total	3.17	3.62	mg/kg	13		20
Chromium, Total	20.7	19.6	mg/kg	5		20
Lead, Total	3.82J	3.75J	mg/kg	NC		20
Selenium, Total	ND	0.450J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1278637-4 QC Sample: L1939431-01 Client ID: DUP Sample						
Mercury, Total	1.81	1.71	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1938951-01
Client ID: DOC3A-CELL5B-8.5-190827-1030
Sample Location: ROME, NY

Date Collected: 08/27/19 10:30
Date Received: 08/27/19
Field Prep: Not Specified

Sample Depth:
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	-	08/28/19 10:01	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1938951

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1277646-1 QC Sample: L1938844-01 Client ID: DUP Sample						
Solids, Total	86.2	86.2	%	0		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1938951
Report Date: 09/04/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1938951-01A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L1938951-01A1	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L1938951-01B	Vial water preserved	A	NA		2.4	Y	Absent	28-AUG-19 04:53	NYTCL-8260HLW-R2(14)
L1938951-01C	Vial water preserved	A	NA		2.4	Y	Absent	28-AUG-19 04:53	NYTCL-8260HLW-R2(14)
L1938951-01D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L1938951-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1938951-01F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1938951
Project Number:	127887-007	**Report Date:**	09/04/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1938951
Project Number:	127887-007	**Report Date:**	09/04/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1938951
Project Number: 127887-007 **Report Date:** 09/04/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page
of

Date Rec'd in Lab 8/28/19

ALPHA Job # L1938951

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project # 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
38951-01	DOC3A-CELL5B-8.5-190827-1030	8/27/2019	10:30	SO	PAF	8.5	X	X	X							6
Container Type							A	V	A							
Preservative							A	AF	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FAC	8/27/19 1646		8/27/19 16:00
			8/28/19 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1939870
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	09/07/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1939870-01	DOC3A-CELL5C-8-190830-1000	SOIL	ROME, NY	08/30/19 10:00	08/30/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1939870
Project Number:	127887-007	**Report Date:**	09/07/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1939870
Project Number:	127887-007	**Report Date:**	09/07/19

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

L1939870-01 (DOC3A-CELL5C-8-190830-1000): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Total Metals

The WG1280274-3 MS recovery, performed on L1939870-01 (DOC3A-CELL5C-8-190830-1000), is outside the acceptance criteria for lead (71%). A post digestion spike was performed and yielded an unacceptable recovery (63%). The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1280274-4 Laboratory Duplicate RPD for arsenic (28%), performed on L1939870-01 (DOC3A-CELL5C-8-190830-1000), is outside the acceptance criteria. 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: Lisa Westerlind

Title: Technical Director/Representative Date: 09/07/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM **Lab Number:** L1939870

Project Number: 127887-007 **Report Date:** 09/07/19

SAMPLE RESULTS

Lab ID: L1939870-01 D
Client ID: DOC3A-CELL5C-8-190830-1000
Sample Location: ROME, NY

Date Collected: 08/30/19 10:00
Date Received: 08/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/06/19 10:19
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	650	300	2.5
1,1-Dichloroethane	ND		ug/kg	130	19.	2.5
Chloroform	ND		ug/kg	200	18.	2.5
Carbon tetrachloride	ND		ug/kg	130	30.	2.5
1,2-Dichloropropane	ND		ug/kg	130	16.	2.5
Dibromochloromethane	ND		ug/kg	130	18.	2.5
1,1,2-Trichloroethane	ND		ug/kg	130	35.	2.5
Tetrachloroethene	ND		ug/kg	65	26.	2.5
Chlorobenzene	ND		ug/kg	65	16.	2.5
Trichlorofluoromethane	ND		ug/kg	520	90.	2.5
1,2-Dichloroethane	ND		ug/kg	130	33.	2.5
1,1,1-Trichloroethane	ND		ug/kg	65	22.	2.5
Bromodichloromethane	ND		ug/kg	65	14.	2.5
trans-1,3-Dichloropropene	ND		ug/kg	130	36.	2.5
cis-1,3-Dichloropropene	ND		ug/kg	65	20.	2.5
1,3-Dichloropropene, Total	ND		ug/kg	65	20.	2.5
Bromoform	ND		ug/kg	520	32.	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	65	22.	2.5
Benzene	39	J	ug/kg	65	22.	2.5
Toluene	ND		ug/kg	130	71.	2.5
Ethylbenzene	310		ug/kg	130	18.	2.5
Chloromethane	ND		ug/kg	520	120	2.5
Bromomethane	ND		ug/kg	260	76.	2.5
Vinyl chloride	ND		ug/kg	130	44.	2.5
Chloroethane	ND		ug/kg	260	59.	2.5
1,1-Dichloroethene	ND		ug/kg	130	31.	2.5
trans-1,2-Dichloroethene	ND		ug/kg	200	18.	2.5
Trichloroethene	ND		ug/kg	65	18.	2.5

Project Name: LOT 3A IRM **Lab Number:** L1939870

Project Number: 127887-007 **Report Date:** 09/07/19

SAMPLE RESULTS

Lab ID: L1939870-01 D
Client ID: DOC3A-CELL5C-8-190830-1000
Sample Location: ROME, NY

Date Collected: 08/30/19 10:00
Date Received: 08/30/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	260	19.	2.5
1,3-Dichlorobenzene	ND		ug/kg	260	19.	2.5
1,4-Dichlorobenzene	ND		ug/kg	260	22.	2.5
Methyl tert butyl ether	ND		ug/kg	260	26.	2.5
p/m-Xylene	100	J	ug/kg	260	73.	2.5
o-Xylene	71	J	ug/kg	130	38.	2.5
Xylenes, Total	170	J	ug/kg	130	38.	2.5
cis-1,2-Dichloroethene	ND		ug/kg	130	23.	2.5
1,2-Dichloroethene, Total	ND		ug/kg	130	18.	2.5
Styrene	ND		ug/kg	130	26.	2.5
Dichlorodifluoromethane	ND		ug/kg	1300	120	2.5
Acetone	ND		ug/kg	1300	630	2.5
Carbon disulfide	ND		ug/kg	1300	590	2.5
2-Butanone	ND		ug/kg	1300	290	2.5
4-Methyl-2-pentanone	ND		ug/kg	1300	170	2.5
2-Hexanone	ND		ug/kg	1300	150	2.5
Bromochloromethane	ND		ug/kg	260	27.	2.5
1,2-Dibromoethane	ND		ug/kg	130	36.	2.5
n-Butylbenzene	ND		ug/kg	130	22.	2.5
sec-Butylbenzene	ND		ug/kg	130	19.	2.5
tert-Butylbenzene	ND		ug/kg	260	15.	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	390	130	2.5
Isopropylbenzene	38	J	ug/kg	130	14.	2.5
p-Isopropyltoluene	ND		ug/kg	130	14.	2.5
Naphthalene	20000		ug/kg	520	85.	2.5
n-Propylbenzene	ND		ug/kg	130	22.	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	260	42.	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	260	35.	2.5
1,3,5-Trimethylbenzene	79	J	ug/kg	260	25.	2.5
1,2,4-Trimethylbenzene	290		ug/kg	260	43.	2.5
Methyl Acetate	ND		ug/kg	520	120	2.5
Cyclohexane	ND		ug/kg	1300	71.	2.5
1,4-Dioxane	ND		ug/kg	10000	4600	2.5
Freon-113	ND		ug/kg	520	90.	2.5
Methyl cyclohexane	ND		ug/kg	520	78.	2.5

Project Name: LOT 3A IRM **Lab Number:** L1939870

Project Number: 127887-007 **Report Date:** 09/07/19

SAMPLE RESULTS

Lab ID: L1939870-01 D
Client ID: DOC3A-CELL5C-8-190830-1000
Sample Location: ROME, NY

Date Collected: 08/30/19 10:00
Date Received: 08/30/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	95		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/06/19 08:08
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1281094-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	8.7	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/06/19 08:08
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1281094-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/06/19 08:08
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1281094-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1281094-3 WG1281094-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	95		94		70-130	1		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	90		88		70-130	2		30
1,2-Dichloropropane	90		90		70-130	0		30
Dibromochloromethane	91		93		70-130	2		30
1,1,2-Trichloroethane	95		97		70-130	2		30
Tetrachloroethene	83		82		70-130	1		30
Chlorobenzene	84		84		70-130	0		30
Trichlorofluoromethane	113		112		70-139	1		30
1,2-Dichloroethane	102		102		70-130	0		30
1,1,1-Trichloroethane	89		88		70-130	1		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	93		94		70-130	1		30
cis-1,3-Dichloropropene	85		87		70-130	2		30
Bromoform	93		94		70-130	1		30
1,1,2,2-Tetrachloroethane	90		94		70-130	4		30
Benzene	83		82		70-130	1		30
Toluene	85		84		70-130	1		30
Ethylbenzene	86		85		70-130	1		30
Chloromethane	106		96		52-130	10		30
Bromomethane	101		97		57-147	4		30
Vinyl chloride	103		101		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1281094-3 WG1281094-4								
Chloroethane	110		107		50-151	3		30
1,1-Dichloroethene	89		88		65-135	1		30
trans-1,2-Dichloroethene	88		87		70-130	1		30
Trichloroethene	84		83		70-130	1		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	88		86		70-130	2		30
1,4-Dichlorobenzene	87		87		70-130	0		30
Methyl tert butyl ether	96		99		66-130	3		30
p/m-Xylene	84		83		70-130	1		30
o-Xylene	84		83		70-130	1		30
cis-1,2-Dichloroethene	87		87		70-130	0		30
Styrene	84		82		70-130	2		30
Dichlorodifluoromethane	84		80		30-146	5		30
Acetone	117		119		54-140	2		30
Carbon disulfide	87		86		59-130	1		30
2-Butanone	97		108		70-130	11		30
4-Methyl-2-pentanone	87		93		70-130	7		30
2-Hexanone	83		86		70-130	4		30
Bromochloromethane	91		90		70-130	1		30
1,2-Dibromoethane	91		94		70-130	3		30
n-Butylbenzene	82		81		70-130	1		30
sec-Butylbenzene	82		79		70-130	4		30
tert-Butylbenzene	81		79		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1281094-3 WG1281094-4								
1,2-Dibromo-3-chloropropane	88		86		68-130	2		30
Isopropylbenzene	84		82		70-130	2		30
p-Isopropyltoluene	80		79		70-130	1		30
Naphthalene	84		86		70-130	2		30
n-Propylbenzene	86		85		70-130	1		30
1,2,3-Trichlorobenzene	83		82		70-130	1		30
1,2,4-Trichlorobenzene	82		82		70-130	0		30
1,3,5-Trimethylbenzene	84		84		70-130	0		30
1,2,4-Trimethylbenzene	85		84		70-130	1		30
Methyl Acetate	105		108		51-146	3		30
Cyclohexane	87		86		59-142	1		30
1,4-Dioxane	98		101		65-136	3		30
Freon-113	93		92		50-139	1		30
Methyl cyclohexane	76		76		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1939870
Report Date: 09/07/19

SAMPLE RESULTS

Lab ID: L1939870-01
Client ID: DOC3A-CELL5C-8-190830-1000
Sample Location: ROME, NY

Date Collected: 08/30/19 10:00
Date Received: 08/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/05/19 04:28
Analyst: ALS
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/03/19 11:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	44	J	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		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	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	3100		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	30.	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	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: LOT 3A IRM **Lab Number:** L1939870

Project Number: 127887-007 **Report Date:** 09/07/19

SAMPLE RESULTS

Lab ID: L1939870-01 Date Collected: 08/30/19 10:00

Client ID: DOC3A-CELL5C-8-190830-1000 Date Received: 08/30/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	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	ND		ug/kg	190	18.	1
2-Methylnaphthalene	33	J	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	31.	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	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	39	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: LOT 3A IRM **Lab Number:** L1939870

Project Number: 127887-007 **Report Date:** 09/07/19

SAMPLE RESULTS

Lab ID: L1939870-01 Date Collected: 08/30/19 10:00

Client ID: DOC3A-CELL5C-8-190830-1000 Date Received: 08/30/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	32		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/04/19 17:39
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/03/19 06:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1279463-1					
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/04/19 17:39
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/03/19 06:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1279463-1					
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: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/04/19 17:39
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/03/19 06:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1279463-1					
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	47		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	53		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

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: WG1279463-2 WG1279463-3								
Acenaphthene	61		58		31-137	5		50
Hexachlorobenzene	66		64		40-140	3		50
Bis(2-chloroethyl)ether	59		57		40-140	3		50
2-Chloronaphthalene	66		63		40-140	5		50
3,3'-Dichlorobenzidine	44		42		40-140	5		50
2,4-Dinitrotoluene	76		69		40-132	10		50
2,6-Dinitrotoluene	79		73		40-140	8		50
Fluoranthene	68		63		40-140	8		50
4-Chlorophenyl phenyl ether	63		60		40-140	5		50
4-Bromophenyl phenyl ether	66		62		40-140	6		50
Bis(2-chloroisopropyl)ether	61		59		40-140	3		50
Bis(2-chloroethoxy)methane	64		63		40-117	2		50
Hexachlorobutadiene	60		58		40-140	3		50
Hexachlorocyclopentadiene	50		50		40-140	0		50
Hexachloroethane	59		58		40-140	2		50
Isophorone	69		67		40-140	3		50
Naphthalene	60		58		40-140	3		50
Nitrobenzene	66		64		40-140	3		50
NDPA/DPA	65		63		36-157	3		50
n-Nitrosodi-n-propylamine	68		66		32-121	3		50
Bis(2-ethylhexyl)phthalate	71		67		40-140	6		50
Butyl benzyl phthalate	78		72		40-140	8		50
Di-n-butylphthalate	72		67		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

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: WG1279463-2 WG1279463-3								
Di-n-octylphthalate	73		67		40-140	9		50
Diethyl phthalate	68		64		40-140	6		50
Dimethyl phthalate	73		68		40-140	7		50
Benzo(a)anthracene	64		60		40-140	6		50
Benzo(a)pyrene	65		60		40-140	8		50
Benzo(b)fluoranthene	67		63		40-140	6		50
Benzo(k)fluoranthene	68		65		40-140	5		50
Chrysene	64		60		40-140	6		50
Acenaphthylene	67		64		40-140	5		50
Anthracene	66		60		40-140	10		50
Benzo(ghi)perylene	65		59		40-140	10		50
Fluorene	65		61		40-140	6		50
Phenanthrene	62		58		40-140	7		50
Dibenzo(a,h)anthracene	66		61		40-140	8		50
Indeno(1,2,3-cd)pyrene	66		61		40-140	8		50
Pyrene	66		62		35-142	6		50
Biphenyl	66		62		37-127	6		50
4-Chloroaniline	57		58		40-140	2		50
2-Nitroaniline	75		72		47-134	4		50
3-Nitroaniline	55		53		26-129	4		50
4-Nitroaniline	63		59		41-125	7		50
Dibenzofuran	62		59		40-140	5		50
2-Methylnaphthalene	64		61		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

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: WG1279463-2 WG1279463-3								
1,2,4,5-Tetrachlorobenzene	65		60		40-117	8		50
Acetophenone	66		63		14-144	5		50
2,4,6-Trichlorophenol	70		66		30-130	6		50
p-Chloro-m-cresol	71		68		26-103	4		50
2-Chlorophenol	65		64		25-102	2		50
2,4-Dichlorophenol	72		69		30-130	4		50
2,4-Dimethylphenol	76		72		30-130	5		50
2-Nitrophenol	71		69		30-130	3		50
4-Nitrophenol	70		63		11-114	11		50
2,4-Dinitrophenol	52		49		4-130	6		50
4,6-Dinitro-o-cresol	68		64		10-130	6		50
Pentachlorophenol	52		49		17-109	6		50
Phenol	66		64		26-90	3		50
2-Methylphenol	69		66		30-130.	4		50
3-Methylphenol/4-Methylphenol	68		65		30-130	5		50
2,4,5-Trichlorophenol	72		68		30-130	6		50
Carbazole	66		61		54-128	8		50
Atrazine	74		68		40-140	8		50
Benzaldehyde	58		57		40-140	2		50
Caprolactam	75		71		15-130	5		50
2,3,4,6-Tetrachlorophenol	68		62		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1939870

Report Date: 09/07/19

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: WG1279463-2 WG1279463-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		58		25-120
Phenol-d6	64		62		10-120
Nitrobenzene-d5	50		50		23-120
2-Fluorobiphenyl	50		49		30-120
2,4,6-Tribromophenol	64		63		10-136
4-Terphenyl-d14	53		48		18-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1939870
Report Date: 09/07/19

SAMPLE RESULTS

Lab ID: L1939870-01
Client ID: DOC3A-CELL5C-8-190830-1000
Sample Location: ROME, NY
Date Collected: 08/30/19 10:00
Date Received: 08/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.50		mg/kg	0.466	0.097	1	09/04/19 20:35	09/05/19 15:14	EPA 3050B	1,6010D	LC
Barium, Total	66.4		mg/kg	0.466	0.081	1	09/04/19 20:35	09/05/19 15:14	EPA 3050B	1,6010D	LC
Cadmium, Total	0.163	J	mg/kg	0.466	0.046	1	09/04/19 20:35	09/05/19 15:14	EPA 3050B	1,6010D	LC
Chromium, Total	12.0		mg/kg	0.466	0.045	1	09/04/19 20:35	09/05/19 15:14	EPA 3050B	1,6010D	LC
Lead, Total	5.96		mg/kg	2.33	0.125	1	09/04/19 20:35	09/05/19 15:14	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/05/19 05:20	09/05/19 16:25	EPA 7471B	1,7471B	AL
Selenium, Total	0.135	J	mg/kg	0.932	0.120	1	09/04/19 20:35	09/05/19 15:14	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.466	0.132	1	09/04/19 20:35	09/05/19 15:14	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1939870

Project Number: 127887-007 **Report Date:** 09/07/19

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: WG1280274-1										
Arsenic, Total	0.088	J	mg/kg	0.400	0.083	1	09/04/19 20:35	09/05/19 15:05	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	09/04/19 20:35	09/05/19 15:05	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/04/19 20:35	09/05/19 15:05	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/04/19 20:35	09/05/19 15:05	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	09/04/19 20:35	09/05/19 15:05	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/04/19 20:35	09/05/19 15:05	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	09/04/19 20:35	09/05/19 15:05	1,6010D	LC

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 Batch: WG1280404-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/05/19 05:20	09/05/19 15:49	1,7471B	AL

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1280274-2 SRM Lot Number: D105-540								
Arsenic, Total	106		-		70-130	-		
Barium, Total	96		-		75-125	-		
Cadmium, Total	94		-		75-125	-		
Chromium, Total	97		-		70-130	-		
Lead, Total	98		-		71-128	-		
Selenium, Total	101		-		63-137	-		
Silver, Total	98		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1280404-2 SRM Lot Number: D105-540								
Mercury, Total	91		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

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 QC Batch ID: WG1280274-3 QC Sample: L1939870-01 Client ID: DOC3A-CELL5C-8-190830-1000												
Arsenic, Total	4.50	11	15.2	97		-	-		75-125	-		20
Barium, Total	66.4	183	211	79		-	-		75-125	-		20
Cadmium, Total	0.163J	4.67	3.66	78		-	-		75-125	-		20
Chromium, Total	12.0	18.3	26.1	77		-	-		75-125	-		20
Lead, Total	5.96	46.7	39.0	**71**	Q	-	-		75-125	-		20
Selenium, Total	0.135J	11	9.21	84		-	-		75-125	-		20
Silver, Total	ND	27.4	23.9	87		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1280404-3 QC Sample: L1939546-14 Client ID: MS Sample												
Mercury, Total	0.059J	0.14	0.205	**147**	Q	-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1939870

Report Date: 09/07/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1280274-4 QC Sample: L1939870-01 Client ID: DOC3A-CELL5C-8-190830-1000						
Arsenic, Total	4.50	3.41	mg/kg	**28**	Q	20
Barium, Total	66.4	67.9	mg/kg	2		20
Cadmium, Total	0.163J	0.173J	mg/kg	NC		20
Chromium, Total	12.0	12.2	mg/kg	2		20
Lead, Total	5.96	6.02	mg/kg	1		20
Selenium, Total	0.135J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1280404-4 QC Sample: L1939546-14 Client ID: DUP Sample						
Mercury, Total	0.059J	0.070J	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

SAMPLE RESULTS

Lab ID: L1939870-01
Client ID: DOC3A-CELL5C-8-190830-1000
Sample Location: ROME, NY

Date Collected: 08/30/19 10:00
Date Received: 08/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	08/31/19 12:36	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1939870

Report Date: 09/07/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1279063-1 QC Sample: L1939674-01 Client ID: DUP Sample						
Solids, Total	81.2	78.9	%	3		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1939870
Report Date: 09/07/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1939870-01A	Vial MeOH preserved	A	NA		5.8	Y	Absent		NYTCL-8260HLW-R2(14)
L1939870-01B	Vial water preserved	A	NA		5.8	Y	Absent	31-AUG-19 05:14	NYTCL-8260HLW-R2(14)
L1939870-01C	Vial water preserved	A	NA		5.8	Y	Absent	31-AUG-19 05:14	NYTCL-8260HLW-R2(14)
L1939870-01D	Plastic 2oz unpreserved for TS	A	NA		5.8	Y	Absent		TS(7)
L1939870-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1939870-01F	Glass 120ml/4oz unpreserved	A	NA		5.8	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1939870
Project Number:	127887-007	**Report Date:**	09/07/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1939870
Project Number:	127887-007	**Report Date:**	09/07/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1939870
Project Number: 127887-007 **Report Date:** 09/07/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab: 8/31/19

ALPHA Job #: L1939870

Project Information

Project Name:	Lot 3A IRM
Project Location:	Rome, NY
Project #	127887-007
(Use Project name as Project #)	☐
Project Manager:	C. Mondello
ALPHAQuote #:	

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

H&A Information

H&A Client:	H&A of New York
H&A Address:	200 Town Centre Dr. Ste. 2
Rochester, NY 14623	
H&A Phone:	585-321-4219
H&A Fax:	
H&A Email:	cmondello&haleyaldrich.com

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	RCRA 8 Metals	TCL VOCs	TCL SVOCs						Sample Specific Comments	Total Bottles
39870 - 01	DOC3A-CELL5C-8-190830-1000	8/30/2019	10:00	SO	CJB	8	X	X	X							6
Container Type							A	V	A							
Preservative							A	AF	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[signature]	8/30/19 1625	[signature]	8/30/19 1625
[signature]	8/30/19 1625	[signature]	8/31/19 0155

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

APPENDIX F

Waste Documentation

Waste Profiles

Oneida Herkimer Solid Waste Management Authority

Generators Waste Profile Sheet For the Oneida Herkimer Regional Landfill

Waste Profile On File? Yes ☐ No☒ Profile Number: OHSWA NA CS 0919-06

☐ Hazardous ☒ Non-Hazardous ☐ TSCA Renewal Date: NA 9/13/2022

A. Waste Generator Information

1. Generator's Name: Greenfield Environmental Multistate Trust LLC
2. SIC Code: NA
3. Generator's Street Address 1400 Village Sq. Blvd., Ste. 3-144
4. Phone: 850-228-9421
5. Generator's City: Tallahassee
6. State: Fl
7. Zip/Postal Code: 32312
8. Generator USEPA/Federal ID#: NA
9. County: Leon County
10. State ID#: NA

B. Billing Information

1. Company Name (Billing): Paragon Env. Const.
2. Customer Phone: 315-699-0840
3. Billing Contact: Peter Paragon
4. Customer Fax: 315-699-0845
5. Billing Address: 5664 Mud Mill Road, Brewerton NY Same as Above☐
6. Credit Application on file: ☒ YES ☐ NO
7. Authority Account Number: NA

C. Description of Waste Stream

a. Name of Waste: Parking Lots Sub base

b. Process Generating Waste: Repair of Parking Lot

c. Color	d. Strong odor (describe)	e. Physical State @ 70° F	f. Layers	g. Free Liquid Range
Grey	none	☒ Solid ☐Liquid ☐Gas ☐Sludge ☐Other	☒ Single Layer ☐ Multi Layer	0 to ____ %
				h. pH Range 7.2 to 8.2 %

i. Liquid Flash Point: ☐<73°F ☐73-99°F ☐100-139°F ☐140-199°F ☐>200°F ☒Not Applicable

j. Chemical Composition (List all constituents (including halogenated organics, debris, and UHC'S) present in any concentration and submit representative analysis)

Constituents	Concentration Range	Constituents	Concentration Range
SEE ATTACHED DATA			

Total Composition Must Equal Or Exceed 100%

NA k. ☐ Oxidizer NA ☐ Pyrophoric NA ☐ Explosive NA ☐ Radioactive
NA ☐ Carcinogen NA ☐ Infectious NA ☐ Shock Sensitive NA ☐ Water Reactive

l. Does the waste represented by this profile contain any carcinogens which require OHSA notification? (List in Section C.j) ☐ Yes ☒No

m. Does the waste represented by this profile contain any dioxins? (List Section C.j) ☐ Yes ☒No

n. Does the waste represented by this profile contain any asbestos?If yes ☐ Friable ☐ Non-Friable ☐ Yes ☒No

o. Does the waste represented by this profile contain benzene? ☐ Yes ☒No
If yes, concentration (TCLP)

p. Is the waste subject to Benzene waste operations NESHAP? ☐ Yes ☒No

q. Is the waste a reactive or heat generating waste? ☐ Yes ☒No

Oneida Herkimer Solid Waste Management Authority

Generators Waste Profile Sheet For the Oneida Herkimer Regional Landfill

r. Does the waste contain any Class I or Class II ozone depleting chemicals? ☐ Yes ☒ No

D. Quantity and Shipping Information

Estimated Annual Volume 3,000 ☐Yards ☒Tons ☐Drums ☐Other _____
Ongoing Sampling (specify)

a. Packaging:
☒Bulk Solid; Type/Size: Dump Trailers, Dump Trucks
☐Other: _____
b. Shipping Frequency: Units _____ Per: ☐Month ☐Quarter ☐Year ☒One Time
Other:
c. Hauler / Transporters Name: Paragon Environmental Construction Inc.
d. Hauler / Transporters DEC 364 Permit Number: 7A-516
e. DEC 364 Permit on file: ☒Yes ☐No
f. OHSWA Hauler Permit Number: NA

E. Generators Certification (Please check appropriate responses, sign, and date below.)

1. Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations? ☐Yes ☒No
2. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean up? ☒Yes ☐No
   If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up activity. For state mandated clean-up, provide relevant documentation.
3. Is this a regulated medical or infectious waste as defined by Federal and/or State regulations? ☐Yes ☒No
4. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? ☐Yes ☒No
   (If yes, list chemical composition C.j)
5. Do the waste profile sheet and all attachments contain true and accurate descriptions of the Waste material, and has all relevant information within the possession of the Generator Regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? ☒Yes ☐No
6. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? ☒Yes ☐No

☐ Check here if Certification of Destruction or Disposal is required.

Any Sample submitted is representative as defined in 40 CFR 261 – Appendix I or by using an equivalent method. I authorize OHSWA to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this profile sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Greenfield Environmental Multistate Trust, LLC, Trustee of the Multistate Environmental Response Trust; By: Greenfield Environmental Trust Group, Inc., Member

Certification Signature: _____ Title: Project Manager

Name (Type or Print): Austin Hofmeister Company Name: Greenfield Environmental Multistate Trust LLC Date: 9/11/2019

☒Check if additional information is attached. Indicate the number of attached pages 72

Oneida Herkimer Solid Waste Management Authority

Generators Waste Profile Sheet For the Oneida Herkimer Regional Landfill

F. OHSWA Management's Decision

1. Precautions, Special Handling Procedures, or Limitation on Approval: _____

2. Direct haul to Regional Landfill: ☒ Yes ☐ No

3. Commingle waste at Eastern or Western Transfer Stations: ☐ Yes ☒ No

4. Waste Form: _____

5. Waste Class: ☐ DH SW ☐ MSW ☐ C&D ☐ Sludge ☒ CS ☐ ADC ☐ Select C&D ☐ Asbestos

Special Waste Decision: ☒ Approved ☐ Disapproved

Special Waste Approvals Signature: Joshua J Olbrys Date: 9/13/2019

Instructions

Information on this form is used to determine if the waste may be transported, treated, stored or disposed in a legal, safe, and environmentally sound manner. This information will be maintained in strict confidence. Answers must be provided for sections A, B, and C and must be printed in ink or typed. A response of "NONE" or "NA" (not applicable) can be made if appropriate. If additional space is needed, indicate on the form that additional information is attached, and attach the information to Generator's Waste Profile Sheet. If you have questions concerning this form, please contact the Oneida Herkimer Solid Waste Authority.

A. Waste Generator Information

1. Generator Name – Enter the name of the facility where the waste is generated.
2. SIC Code – Enter the four digit Standard Industrial Classification Code for the facility where the waste is generated.
3. Facility Street Address – Enter the street address (not P.O. Box) of the facility were the waste is generated.
4. Phone – Enter Generator's area code and phone number.
5. Facility City – Enter the city where the waste is generated.
6. State– Enter the state where the waste is generated.
7. Zip/Postal Code – Enter the generating facility's zip or postal code.
8. Generator USEPA/Federal ID# - Enter the identification number issued by the USEPA.
9. County – Enter the county where the waste is generated.
10. State ID # - Enter the identification number issued by the state of the facility generating the waste (if applicable).

B. Waste Generator Information

1. Customer Name – Entity that responsible for billing. If the same as the Generator, mark "Same as Above".
2. Customer Phone – Enter technical contact's area code and telephone number.
3. Customer Contact – Enter the name of the person who can answer technical questions about the waste.
4. Customer Fax – Area code and facsimile number for the customer.
5. Billing Address – Address where bill for services should be sent.
6. Credit Application on File- Does the company to be billed have credit with the Authority.
7. Authority Account Number – If credit application is on file please provide the Authority account number.

C. Waste Stream Information

a. Name of Waste – Enter a name generally descriptive of this waste (e.g., paint sludge, fluorescent bulbs).

b. Process Generating Waste – Describe the process generating the waste in detail. List the specific process/operation or source that generates the waste (e.g., incineration of municipal refuse, asbestos removal, wastewater treatment, building maintenance).

At a minimum, the Generator should answer the following questions in determining the process generating the waste.

- What chemicals are stored and/or used at the facility?
- Is the waste generated from the production/manufacturing of any of the following industries: wood preservation; inorganic pigments; organic pigments; pesticides; explosives; petroleum refining; iron and steel, copper, lead or zinc production?
- Is the waste a result from degreasing, solvent parts cleaning, recovery/reclaiming of solvents (bottoms), wastewater treatment (sludges), or electroplating?

c. Color – Describe the color of the waste (e.g., blue, transparent, varies).

d. Strong odor – DO NOT SMELL THE WASTE! If the waste has a known odor, then describe (e.g., acrid, pungent, solvent, sweet).

e. Physical state @ 70°F – If the four boxes provided do not apply, a descriptive phrase may be entered after "Other" (e.g., multi-phase).

f. Layers – Single Layer means the waste is homogenous. Multi-layer means the waste is comprised of two or more layers (e.g., oil/water/sludge).

g. Free liquid range – Range (in percent by volume) of free liquids in the waste.

Oneida Herkimer Solid Waste Management Authority

Generators Waste Profile Sheet For the Oneida Herkimer Regional Landfill

h. pH Range – Indicate the pH range.
i. Liquid Flash Point – Indicate the flash point obtained using the appropriate test method.
j. Chemical Composition – List all organic and/or inorganic components that adequately describe the composition of the waste. For each component, estimate the range (in percent) in which the component is present.
k. Check all that apply.
l. Identify any element, chemical compound, or mixture in concentration of 0.1 percent or greater that is considered a carcinogen or potential carcinogen pursuant to OSHA.
m. Indicate if the waste contains any dioxins (list in Section C.j).
n. Indicate if the waste contains asbestos. Indicate if the asbestos is friable.
o. Indicate if the waste contains benzene, the level in ppm, and whether it is subject to the benzene NESHAP.
p. Indicate if the waste is subject to RCRA Subpart CC control. In addition, indicate the volatile organic concentration, if known, in parts per million weight.
q. Indicate if the waste is reactive or if it generates heat when in contact with other material.
r. Indicate if the waste contains any Class I or Class II ozone depleting controlled substances.

D. Quantity and Shipping Information

Quantity of Waste – Approximate volume in tons, yards, or other (e.g., drums, gallons) that will be received by the ultimate management facility. This volume amount is not intended for use in complying with state and/or permit restrictions.

a. Packaging – Choose the appropriate option or "other" along with a description.
b. Shipping Frequency – Choose the appropriate option or "other" along with a description.
c. The name of the company that will be transporting the material.
d. The hauler / transporters DEC 364 permit number.
e. Does the hauler / transporter of the waste have a Part C hauling permit on file.
f. Indicate the hauler / transporters OHSWA permit number.

E. Generator's Certification (Please check appropriate responses, sign, and date below).

Indicate the appropriate response to questions/statements 1,2,3,4,5, and 6. By signing this Generator's Waste Profile Sheet, the Generator certifies the responses are true and accurate with respect to the waste stream(s) listed.

Certification Signature – Signature of an authorized employee of the Generator or representative of the generator if authorized in writing by the generator.
Title – Enter Employee's title.
Name – Type or Print Employee's name.
Company Name – Company employing the person certifying the Generator's Waste Profile Sheet.
Date – Enter the date this Generator's Waste Profile Sheet is signed.

D. OHSWA Decision — FOR OHSWA USE ONLY

To be completed by OHSWA.

ANALYTICAL REPORT

Lab Number:	L1939570
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3AA IRM
Project Number:	127887-007
Report Date:	09/04/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1939570-01	LOT3A-ASPHALTBASE-01-190829-0830	SOLID	ROME, NY	08/29/19 08:30	08/29/19
L1939570-02	LOT3A-ASPHALTBASE-02-190829-0845	SOLID	ROME, NY	08/29/19 08:45	08/29/19
L1939570-03	LOT3A-ASPHALTBASE-03-190829-0900	SOLID	ROME, NY	08/29/19 09:00	08/29/19
L1939570-04	LOT3A-ASPHALTBASE-04-190829-0910	SOLID	ROME, NY	08/29/19 09:10	08/29/19
L1939570-05	LOT3A-ASPHALTBASE-05-190829-0925	SOLID	ROME, NY	08/29/19 09:25	08/29/19

Project Name:	LOT 3AA IRM	**Lab Number:**	L1939570
Project Number:	127887-007	**Report Date:**	09/04/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: LOT 3AA IRM **Lab Number:** L1939570
Project Number: 127887-007 **Report Date:** 09/04/19

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.

TCLP Volatiles

The WG1279675-3/-4 LCS/LCSD recoveries, associated with L1939570-01 through -05 (all submitted samples), are above the individual acceptance criteria for 2-butanone (160%/160%), but within the overall method allowances. The results of the associated samples are reported.

TCLP Semivolatiles

The WG1279575-2/-3 LCS/LCSD RPD, associated with L1939570-01, -03, -04, and -05 (LOT3A-ASPHALTBASE-01-190829-08, LOT3A-ASPHALTBASE-03-190829-09, LOT3A-ASPHALTBASE-04-190829-09 and LOT3A-ASPHALTBASE-05-190829-09), are above the acceptance criteria for hexachloroethane (31%).

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 Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/04/19

ORGANICS

VOLATILES

Project Name: LOT 3AA IRM **Lab Number:** L1939570

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-01
Client ID: LOT3A-ASPHALTBASE-01-190829-0830
Sample Location: ROME, NY

Date Collected: 08/29/19 08:30
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 09/03/19 15:03
Analyst: MM
Percent Solids: 91%
TCLP/SPLP Ext. Date: 08/30/19 15:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
dibromofluoromethane	121		70-130

Project Name: LOT 3AA IRM **Lab Number:** L1939570

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-02
Client ID: LOT3A-ASPHALTBASE-02-190829-0845
Sample Location: ROME, NY

Date Collected: 08/29/19 08:45
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 09/03/19 15:27
Analyst: MM
Percent Solids: 97%
TCLP/SPLP Ext. Date: 08/30/19 15:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	88		70-130
dibromofluoromethane	120		70-130

Project Name: LOT 3AA IRM **Lab Number:** L1939570

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-03
Client ID: LOT3A-ASPHALTBASE-03-190829-0900
Sample Location: ROME, NY

Date Collected: 08/29/19 09:00
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 09/03/19 15:51
Analyst: MM
Percent Solids: 90%
TCLP/SPLP Ext. Date: 08/30/19 15:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
dibromofluoromethane	121		70-130

Project Name: LOT 3AA IRM **Lab Number:** L1939570

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-04
Client ID: LOT3A-ASPHALTBASE-04-190829-0910
Sample Location: ROME, NY

Date Collected: 08/29/19 09:10
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 09/03/19 16:16
Analyst: MM
Percent Solids: 89%
TCLP/SPLP Ext. Date: 08/30/19 15:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	87		70-130
dibromofluoromethane	123		70-130

Project Name: LOT 3AA IRM **Lab Number:** L1939570

Project Number: 127887-007 **Report Date:** 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-05
Client ID: LOT3A-ASPHALTBASE-05-190829-0925
Sample Location: ROME, NY

Date Collected: 08/29/19 09:25
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 09/03/19 16:40
Analyst: MM
Percent Solids: 90%
TCLP/SPLP Ext. Date: 08/30/19 15:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	90		70-130
dibromofluoromethane	119		70-130

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/03/19 10:35
Analyst: PK
TCLP/SPLP Extraction Date: 08/30/19 15:48

Extraction Date: 08/30/19 15:48

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01-05 Batch: WG1279675-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
dibromofluoromethane	115		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01-05 Batch: WG1279675-3 WG1279675-4								
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	97		94		70-130	3		20
Chlorobenzene	93		91		75-130	2		25
1,2-Dichloroethane	120		120		70-130	0		20
Benzene	120		110		70-130	9		25
Vinyl chloride	110		96		55-140	14		20
1,1-Dichloroethene	120		110		61-145	9		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	82		82		70-130	0		20
2-Butanone	**160**	Q	**160**	Q	63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	87		86		70-130
dibromofluoromethane	115		110		70-130

SEMIVOLATILES

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-01
Client ID: LOT3A-ASPHALTBASE-01-190829-0830
Sample Location: ROME, NY

Date Collected: 08/29/19 08:30
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270D
Analytical Date: 09/04/19 13:25
Analyst: JG
Percent Solids: 91%
TCLP/SPLP Ext. Date: 09/02/19 15:02

Extraction Method: EPA 3510C
Extraction Date: 09/03/19 10:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	74		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	71		33-120

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-02
Client ID: LOT3A-ASPHALTBASE-02-190829-0845
Sample Location: ROME, NY

Date Collected: 08/29/19 08:45
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270D
Analytical Date: 09/04/19 15:30
Analyst: EK
Percent Solids: 97%
TCLP/SPLP Ext. Date: 09/02/19 15:02

Extraction Method: EPA 3510C
Extraction Date: 09/03/19 10:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	56		33-120

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-03
Client ID: LOT3A-ASPHALTBASE-03-190829-0900
Sample Location: ROME, NY

Date Collected: 08/29/19 09:00
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270D
Analytical Date: 09/03/19 22:10
Analyst: SZ
Percent Solids: 90%
TCLP/SPLP Ext. Date: 09/02/19 15:02

Extraction Method: EPA 3510C
Extraction Date: 09/03/19 10:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	40		15-120
2,4,6-Tribromophenol	111		10-120
4-Terphenyl-d14	66		33-120

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-04
Client ID: LOT3A-ASPHALTBASE-04-190829-0910
Sample Location: ROME, NY

Date Collected: 08/29/19 09:10
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270D
Analytical Date: 09/04/19 13:00
Analyst: JG
Percent Solids: 89%
TCLP/SPLP Ext. Date: 09/02/19 15:02

Extraction Method: EPA 3510C
Extraction Date: 09/03/19 10:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	35		15-120
2,4,6-Tribromophenol	39		10-120
4-Terphenyl-d14	36		33-120

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-05
Client ID: LOT3A-ASPHALTBASE-05-190829-0925
Sample Location: ROME, NY

Date Collected: 08/29/19 09:25
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270D
Analytical Date: 09/03/19 22:36
Analyst: SZ
Percent Solids: 90%
TCLP/SPLP Ext. Date: 09/02/19 15:02

Extraction Method: EPA 3510C
Extraction Date: 09/03/19 10:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	69		33-120

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/03/19 20:26
Analyst: SZ
TCLP/SPLP Extraction Date: 09/02/19 09:48

Extraction Method: EPA 3510C
Extraction Date: 09/03/19 10:47

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01,03-05 Batch: WG1279575-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	70		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	59		33-120

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/04/19 14:14
Analyst: EK
TCLP/SPLP Extraction Date: 09/02/19 15:02

Extraction Method: EPA 3510C
Extraction Date: 09/03/19 10:51

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1279579-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	56		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1279575-2 WG1279575-3								
Hexachlorobenzene	74		99		40-140	29		30
2,4-Dinitrotoluene	72		84		40-132	15		30
Hexachlorobutadiene	75		101		28-111	30		30
Hexachloroethane	54		74		21-105	**31**	Q	30
Nitrobenzene	63		76		40-140	19		30
2,4,6-Trichlorophenol	83		110		30-130	28		30
Pentachlorophenol	72		84		9-103	15		30
2-Methylphenol	73		98		30-130	29		30
3-Methylphenol/4-Methylphenol	78		96		30-130	21		30
2,4,5-Trichlorophenol	86		114		30-130	28		30
Pyridine	49		62		10-66	23		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		89		21-120
Phenol-d6	69		79		10-120
Nitrobenzene-d5	52		60		23-120
2-Fluorobiphenyl	61		81		15-120
2,4,6-Tribromophenol	78		112		10-120
4-Terphenyl-d14	51		84		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1279579-2 WG1279579-3								
Hexachlorobenzene	62		55		40-140	12		30
2,4-Dinitrotoluene	67		59		40-132	13		30
Hexachlorobutadiene	57		47		28-111	19		30
Hexachloroethane	66		57		21-105	15		30
Nitrobenzene	79		70		40-140	12		30
2,4,6-Trichlorophenol	61		54		30-130	12		30
Pentachlorophenol	53		47		9-103	12		30
2-Methylphenol	76		66		30-130	14		30
3-Methylphenol/4-Methylphenol	83		70		30-130	17		30
2,4,5-Trichlorophenol	65		56		30-130	15		30
Pyridine	64		54		10-66	17		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		54		21-120
Phenol-d6	68		57		10-120
Nitrobenzene-d5	61		54		23-120
2-Fluorobiphenyl	49		42		15-120
2,4,6-Tribromophenol	61		53		10-120
4-Terphenyl-d14	48		42		33-120

METALS

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-01
Client ID: LOT3A-ASPHALTBASE-01-190829-0830
Sample Location: ROME, NY
Sample Depth:
Matrix: Solid
Percent Solids: 91%

Date Collected: 08/29/19 08:30
Date Received: 08/29/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/02/19 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.020	J	mg/l	1.00	0.019	1	09/03/19 21:18	09/03/19 23:23	EPA 3015	1,6010D	MC
Barium, TCLP	0.478	J	mg/l	0.500	0.021	1	09/03/19 21:18	09/03/19 23:23	EPA 3015	1,6010D	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 21:18	09/03/19 23:23	EPA 3015	1,6010D	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/03/19 21:18	09/03/19 23:23	EPA 3015	1,6010D	MC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 21:18	09/03/19 23:23	EPA 3015	1,6010D	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/04/19 09:31	09/04/19 14:21	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/03/19 21:18	09/03/19 23:23	EPA 3015	1,6010D	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 21:18	09/03/19 23:23	EPA 3015	1,6010D	MC

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-02
Client ID: LOT3A-ASPHALTBASE-02-190829-0845
Sample Location: ROME, NY
Sample Depth:
Matrix: Solid
Percent Solids: 97%

Date Collected: 08/29/19 08:45
Date Received: 08/29/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/02/19 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/03/19 22:04	09/04/19 00:26	EPA 3015	1,6010D	MC
Barium, TCLP	0.329	J	mg/l	0.500	0.021	1	09/03/19 22:04	09/04/19 00:26	EPA 3015	1,6010D	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 22:04	09/04/19 00:26	EPA 3015	1,6010D	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/03/19 22:04	09/04/19 00:26	EPA 3015	1,6010D	MC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 22:04	09/04/19 00:26	EPA 3015	1,6010D	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/04/19 09:31	09/04/19 14:12	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/03/19 22:04	09/04/19 00:26	EPA 3015	1,6010D	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 22:04	09/04/19 00:26	EPA 3015	1,6010D	MC

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-03
Client ID: LOT3A-ASPHALTBASE-03-190829-0900
Sample Location: ROME, NY
Sample Depth:
Matrix: Solid
Percent Solids: 90%

Date Collected: 08/29/19 09:00
Date Received: 08/29/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/02/19 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/03/19 21:18	09/04/19 00:06	EPA 3015	1,6010D	MC
Barium, TCLP	0.159	J	mg/l	0.500	0.021	1	09/03/19 21:18	09/04/19 00:06	EPA 3015	1,6010D	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 21:18	09/04/19 00:06	EPA 3015	1,6010D	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/03/19 21:18	09/04/19 00:06	EPA 3015	1,6010D	MC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 21:18	09/04/19 00:06	EPA 3015	1,6010D	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/04/19 09:31	09/04/19 14:29	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/03/19 21:18	09/04/19 00:06	EPA 3015	1,6010D	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 21:18	09/04/19 00:06	EPA 3015	1,6010D	MC

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-04
Client ID: LOT3A-ASPHALTBASE-04-190829-0910
Sample Location: ROME, NY
Sample Depth:
Matrix: Solid
Percent Solids: 89%

Date Collected: 08/29/19 09:10
Date Received: 08/29/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/02/19 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/03/19 21:18	09/04/19 00:11	EPA 3015	1,6010D	MC
Barium, TCLP	0.433	J	mg/l	0.500	0.021	1	09/03/19 21:18	09/04/19 00:11	EPA 3015	1,6010D	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 21:18	09/04/19 00:11	EPA 3015	1,6010D	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/03/19 21:18	09/04/19 00:11	EPA 3015	1,6010D	MC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 21:18	09/04/19 00:11	EPA 3015	1,6010D	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/04/19 09:31	09/04/19 14:31	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/03/19 21:18	09/04/19 00:11	EPA 3015	1,6010D	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 21:18	09/04/19 00:11	EPA 3015	1,6010D	MC

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-05
Client ID: LOT3A-ASPHALTBASE-05-190829-0925
Sample Location: ROME, NY
Sample Depth:
Matrix: Solid
Percent Solids: 90%

Date Collected: 08/29/19 09:25
Date Received: 08/29/19
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 09/02/19 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/03/19 21:18	09/04/19 00:15	EPA 3015	1,6010D	MC
Barium, TCLP	0.361	J	mg/l	0.500	0.021	1	09/03/19 21:18	09/04/19 00:15	EPA 3015	1,6010D	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 21:18	09/04/19 00:15	EPA 3015	1,6010D	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/03/19 21:18	09/04/19 00:15	EPA 3015	1,6010D	MC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 21:18	09/04/19 00:15	EPA 3015	1,6010D	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/04/19 09:31	09/04/19 14:33	EPA 7470A	1,7470A	GD
Selenium, TCLP	0.040	J	mg/l	0.500	0.035	1	09/03/19 21:18	09/04/19 00:15	EPA 3015	1,6010D	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 21:18	09/04/19 00:15	EPA 3015	1,6010D	MC

Project Name: LOT 3AA IRM **Lab Number:** L1939570

Project Number: 127887-007 **Report Date:** 09/04/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03-05 Batch: WG1279805-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/03/19 21:18	09/03/19 23:15	1,6010D	MC
Barium, TCLP	ND		mg/l	0.500	0.021	1	09/03/19 21:18	09/03/19 23:15	1,6010D	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 21:18	09/03/19 23:15	1,6010D	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/03/19 21:18	09/03/19 23:15	1,6010D	MC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 21:18	09/03/19 23:15	1,6010D	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/03/19 21:18	09/03/19 23:15	1,6010D	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 21:18	09/03/19 23:15	1,6010D	MC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 09/02/19 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG1279806-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/03/19 22:04	09/03/19 23:58	1,6010D	MC
Barium, TCLP	ND		mg/l	0.500	0.021	1	09/03/19 22:04	09/03/19 23:58	1,6010D	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/03/19 22:04	09/03/19 23:58	1,6010D	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/03/19 22:04	09/03/19 23:58	1,6010D	MC
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/03/19 22:04	09/03/19 23:58	1,6010D	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/03/19 22:04	09/03/19 23:58	1,6010D	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/03/19 22:04	09/03/19 23:58	1,6010D	MC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 09/02/19 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03-05 Batch: WG1280004-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/04/19 09:31	09/04/19 14:17	1,7470A	GD

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/02/19 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG1280005-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/04/19 09:31	09/04/19 14:09	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/02/19 15:02

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1279805-2								
Arsenic, TCLP	107		-		75-125	-		20
Barium, TCLP	93		-		75-125	-		20
Cadmium, TCLP	100		-		75-125	-		20
Chromium, TCLP	94		-		75-125	-		20
Lead, TCLP	96		-		75-125	-		20
Selenium, TCLP	102		-		75-125	-		20
Silver, TCLP	94		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG1279806-2								
Arsenic, TCLP	102		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	100		-		75-125	-		20
Chromium, TCLP	96		-		75-125	-		20
Lead, TCLP	100		-		75-125	-		20
Selenium, TCLP	102		-		75-125	-		20
Silver, TCLP	97		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1280004-2								
Mercury, TCLP	105		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG1280005-2					
Mercury, TCLP	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3AA IRM
Project Number: 127887-007
Lab Number: L1939570
Report Date: 09/04/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1279805-3 QC Sample: L1939570-01 Client ID: LOT3A-ASPHALTBASE-01-190829-0830												
Arsenic, TCLP	0.020J	1.2	1.33	111		-	-		75-125	-		20
Barium, TCLP	0.478J	20	20.1	100		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.517	101		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.93	96		-	-		75-125	-		20
Lead, TCLP	ND	5.1	5.05	99		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.30	108		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.489	98		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1279806-3 QC Sample: L1939570-02 Client ID: LOT3A-ASPHALTBASE-02-190829-0845												
Arsenic, TCLP	ND	1.2	1.17	98		-	-		75-125	-		20
Barium, TCLP	0.329J	20	18.8	94		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.472	92		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.75	88		-	-		75-125	-		20
Lead, TCLP	ND	5.1	4.66	91		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.16	97		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.465	93		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1280004-3 QC Sample: L1939570-01 Client ID: LOT3A-ASPHALTBASE-01-190829-0830												
Mercury, TCLP	ND	0.025	0.0247	99		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1280005-3 QC Sample: L1939570-02 Client ID: LOT3A-ASPHALTBASE-02-190829-0845									
Mercury, TCLP	ND	0.025	0.0230	92	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3AA IRM

Project Number: 127887-007

Lab Number: L1939570

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1279805-4 QC Sample: L1939570-01 Client ID: LOT3A-ASPHALTBASE-01-190829-0830						
Arsenic, TCLP	0.020J	ND	mg/l	NC		20
Barium, TCLP	0.478J	0.480J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1279806-4 QC Sample: L1939570-02 Client ID: LOT3A-ASPHALTBASE-02-190829-0845						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.329J	0.327J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	0.021J	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1280004-4 QC Sample: L1939570-01 Client ID: LOT3A-ASPHALTBASE-01-190829-0830						
Mercury, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3AA IRM

Project Number: 127887-007

Lab Number: L1939570

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1280005-4 QC Sample: L1939570-02 Client ID: LOT3A-ASPHALTBASE-02-190829-0845					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-01
Client ID: LOT3A-ASPHALTBASE-01-190829-0830
Sample Location: ROME, NY

Date Collected: 08/29/19 08:30
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	08/30/19 08:51	121,2540G	RI
pH (H)	7.5		SU	-	NA	1	-	08/30/19 10:06	1,9045D	MR

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-02
Client ID: LOT3A-ASPHALTBASE-02-190829-0845
Sample Location: ROME, NY

Date Collected: 08/29/19 08:45
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.8		%	0.100	NA	1	-	08/30/19 08:51	121,2540G	RI
pH (H)	8.2		SU	-	NA	1	-	08/30/19 10:06	1,9045D	MR

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-03
Client ID: LOT3A-ASPHALTBASE-03-190829-0900
Sample Location: ROME, NY

Date Collected: 08/29/19 09:00
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	08/30/19 08:51	121,2540G	RI
pH (H)	7.6		SU	-	NA	1	-	08/30/19 10:06	1,9045D	MR

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-04
Client ID: LOT3A-ASPHALTBASE-04-190829-0910
Sample Location: ROME, NY

Date Collected: 08/29/19 09:10
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	08/30/19 08:51	121,2540G	RI
pH (H)	7.4		SU	-	NA	1	-	08/30/19 10:06	1,9045D	MR

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

SAMPLE RESULTS

Lab ID: L1939570-05
Client ID: LOT3A-ASPHALTBASE-05-190829-0925
Sample Location: ROME, NY

Date Collected: 08/29/19 09:25
Date Received: 08/29/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	08/30/19 08:51	121,2540G	RI
pH (H)	7.2		SU	-	NA	1	-	08/30/19 10:06	1,9045D	MR

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1278730-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3AA IRM

Project Number: 127887-007

Lab Number: L1939570

Report Date: 09/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1278685-1 QC Sample: L1939008-01 Client ID: DUP Sample						
Solids, Total	84.2	85.6	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1278730-2 QC Sample: L1939570-01 Client ID: LOT3A-ASPHALTBASE-01-190829-0830						
pH (H)	7.5	7.5	SU	0		5

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1939570-01A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1939570-01B	Vial Large Septa unpreserved (4oz)	A	NA		3.9	Y	Absent		TCLP-EXT-ZHE(14)
L1939570-01C	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		PH-9045(1)
L1939570-01S	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-01T	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-01W	Amber 1000ml unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-8270(14)
L1939570-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1939570-01X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L1939570-02A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1939570-02B	Vial Large Septa unpreserved (4oz)	A	NA		3.9	Y	Absent		TCLP-EXT-ZHE(14)
L1939570-02C	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		PH-9045(1)
L1939570-02S	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-02T	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-02W	Amber 1000ml unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-8270(14)
L1939570-02X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1939570-02X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L1939570-03A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1939570-03B	Vial Large Septa unpreserved (4oz)	A	NA		3.9	Y	Absent		TCLP-EXT-ZHE(14)
L1939570-03C	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		PH-9045(1)
L1939570-03S	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-03T	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name: LOT 3AA IRM
Project Number: 127887-007

Lab Number: L1939570
Report Date: 09/04/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1939570-03W	Amber 1000ml unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-8270(14)
L1939570-03X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1939570-03X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L1939570-04A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1939570-04B	Vial Large Septa unpreserved (4oz)	A	NA		3.9	Y	Absent		TCLP-EXT-ZHE(14)
L1939570-04C	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		PH-9045(1)
L1939570-04S	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-04T	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-04W	Amber 1000ml unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-8270(14)
L1939570-04X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1939570-04X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L1939570-05A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1939570-05B	Vial Large Septa unpreserved (4oz)	A	NA		3.9	Y	Absent		TCLP-EXT-ZHE(14)
L1939570-05C	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		PH-9045(1)
L1939570-05S	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-05T	Vial unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-VOA(14)
L1939570-05W	Amber 1000ml unpreserved Extracts	A	NA		3.9	Y	Absent		TCLP-8270(14)
L1939570-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1939570-05X9	Tumble Vessel	A	NA		3.9	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	LOT 3AA IRM	**Lab Number:**	L1939570
Project Number:	127887-007	**Report Date:**	09/04/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3AA IRM	**Lab Number:**	L1939570
Project Number:	127887-007	**Report Date:**	09/04/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3AA IRM **Lab Number:** L1939570
Project Number: 127887-007 **Report Date:** 09/04/19

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 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

ALPHA ANALYTICAL
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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page of

Date Rec'd in Lab 8/30/19

ALPHA Job # L1939570

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello@haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCLP VOCs	TCLP SVOCs	TCLP Metals	corrosivity (pH)	total solids				Sample Specific Comments	Total Bottles
39570-01	LOT3A-ASPHALTBASE-01-190829-0830	8/29/2019	8:30	SO	PAF	0.5	X	X	X	X	X					3
-02	LOT3A-ASPHALTBASE-02-190829-0845	8/29/2019	8:45	SO	PAF	0.5	X	X	X	X	X					3
-03	LOT3A-ASPHALTBASE-03-190829-0900	8/29/2019	9:00	SO	PAF	0.5	X	X	X	X	X					3
-04	LOT3A-ASPHALTBASE-04-190829-0910	8/29/2019	9:10	SO	PAF	0.5	X	X	X	X	X					3
-05	LOT3A-ASPHALTBASE-05-190829-0925	8/29/2019	9:25	SO	PAF	0.5	X	X	X	X	X					3
Container Type							A	A	A	A	P					
Preservative							A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
FACE	8/29/19 16:00		8/29/19 18:00
			8/30/19 01:05

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE SUPERFUND PROGRAM
ECL §27-1301 *et seq.*

In the Matter of a Remedial Program for

DEC Site Name(s): Former Federal Creosote Lots 3A 3B 5E & RR Parcel

DEC Site Nos.: 633088

Site Address: Success Drive
Rome, NY 13440

Hereinafter referred to as "Site"

by: Greenfield Environmental Multistate Trust LLC, not individually but solely in its representative capacity as Trustee of the Multistate Environmental Response Trust

Hereinafter referred to as "Respondent"

ORDER ON CONSENT AND ADMINISTRATIVE SETTLEMENT

Index No. CO 6-20180611-27

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1. New York State Department of Environmental Conservation Responsibilities and Authorities
   A. The New York State Department of Environmental Conservation ("Department") is responsible for inactive hazardous waste disposal site remedial programs pursuant to Article 27, Title 13 of the Environmental Conservation Law ("ECL") and Part 375 of Title 6 of the Official Compilation of Codes, Rules and Regulations ("6 NYCRR") and may issue orders consistent with the authority granted to the Commissioner by such statute.

   B. The Department is responsible for carrying out the policy of the State of New York to conserve, improve and protect its natural resources and environment and control water, land, and air pollution consistent with the authority granted to the Department and the Commissioner by Article 1, Title 3 of the ECL.

   C. The Respondent is an environmental response trust established pursuant to that certain Consent Decree and Environmental Settlement Agreement (the "Settlement Agreement") entered in the U.S. Bankruptcy Court for the Southern District of New York in the matter of *In re: Tronox Incorporated,*

et al., Case No. 09-10156 (ALG), and that certain Environmental Trust Agreement (the "Multistate Trust Agreement"; together with the Settlement Agreement, the "Tronox Bankruptcy Agreements") entered into pursuant to the Settlement on February 14, 2011. The United States and the State of New York are the beneficiaries of Respondent with approval rights over select actions by the Respondent with respect to the Site.

D. Pursuant to Section 2.4.2 of the Multistate Trust Agreement, the Respondent may enter into a consent order with a State in which a Multistate Owned Funded Site (as defined in the Tronox Bankruptcy Agreements) is located to the extent available funding for each such site in accordance with the Multistate Trust Agreement. The State and the Department have determined that the parcels comprising the Site (described in greater detail below) are eligible for Multistate Owned Funded Site funding.

E. Respondent's liability and release for this Site are governed by the Settlement Agreement.

2. Site Information

A. The Site is not currently listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State. However, nothing in this order shall preclude the Department from listing the Site.

B. The Site includes Former Federal Creosote Lots 3A (occupied by Nortek Powder Coating, LLC ("Nortek")), 3B (former retort area), 5E (processing and transporting area), and the Railroad Parcel immediately south of Lot 5E ("RR Parcel"). This Site includes portions of areas formerly part of the Volunteer Cleanup Program ("VCP"). Other portions of this former VCP site likely will be referred to the Inactive Hazardous Waste Disposal Site Program for possible listing, removed from the VCP, or released from the VCP.

C. This Site is approximately 8.89 acres and is a portion of a 180-acre complex originally owned by Federal Creosote. The Respondent owns Lot 5E. Lot 3A is owned by the Oneida County Industrial Development Agency ("OCIDA") and currently owned/occupied by Nortek. Lot 3B is owned by OCIDA and 5900 Success Drive Realty, LLC. The RR Parcel is owned by Mohawk, Adirondack and Northern Railroad. The Site is currently zoned for industrial use, commercial use, and as a wetland.

i. The surface soil to a depth of several feet below grade consists mainly of sand. Below that is a level of dense till. Groundwater at the Site is shallow in the northern portion and flows toward the wetland area south of the Site, which consists of silt and sediment with a small ponded area near the center.

D. Federal Creosote operated at the Site between 1910 and the 1950s. The company produced over one million treated railroad ties per year by cutting raw timber and treating it with creosote.

E. Tronox, a successor company to Federal Creosote entered the Voluntary Cleanup Program with two sites, V00610 and V00612, with the intent to investigate and remediate the Site. Tronox entered bankruptcy with a resulting legal settlement. Respondent subsequently assumed responsibility for completing the remedial program at the Site, as provided in the Tronox Bankruptcy Agreements. Remedial investigations conducted by Respondent confirmed creosote impacts at the Sites.

F. The primary contaminant of concern is creosote. In addition, soil and groundwater were contaminated with VOCs and SVOCs, and DNAPL was found in a plume in Lots 3A, 3B, 5E, and the RR Parcel, as well as in wetland areas to the south of the Site. Lot 3B, the former retort building, was found to contain drums, creosote-saturated soil and DNAPL. A remedial investigation has been completed for all areas of the Site. A soil removal IRM was completed in Lot 3A, the former boiler house, and Lot 3B, the retort area. A sheet pile barrier was constructed at the Lot 3A/3B property line. Investigations in 2017 identified additional creosote-saturated soil in Lot 3A and confirmed the presence of creosote contamination in Lot 5E and the RR Parcel, as well as in Lot 5D, which is south of the Site. Additional sampling on Lot 3B to characterize cinder ash has been approved by the Department and already completed by the Respondent. Given the limited funds received by the Respondent for the Site under the Tronox Bankruptcy Agreements, groundwater currently is not anticipated to be investigated.

G. Creosote impacted areas, including on Lot 3A, Lot 5E, and the RR Parcel as well as the wetland areas south of the Site will require remediation. IRMs will be necessary to remove contaminated soils. Investigation is needed to characterize potential fill contamination. Additionally, wetlands will need to be restored or mitigated following disturbance needed to conduct remediation.

3. The Department is terminating the VCP on June 28, 2018, and the Department will terminate all existing VCAs at sites that have not completed VCP remedial programs as of that date. Respondent and the Department agree that it is unlikely Respondent will finalize the tasks necessary to complete the VCP remedial program at the Site by June 28, 2018. Respondent agrees to terminate the VCA and, subject to the terms of the Tronox Bankruptcy Agreements, complete the remedial program for the Site under the terms of this Order.

4. Respondent consents to the issuance of this Order without in any way abrogating, impairing or waiving any of the provisions of the Tronox Bankruptcy Agreements.

5. Solely with regard to the matters set forth below and subject to the terms of the Tronox Bankruptcy Agreements, Respondent hereby waives any right to a hearing as may be provided by law, consents to the issuance and entry of this Order, and agrees to be bound by its terms. Respondent consents to and agrees not to contest the authority or jurisdiction of the Department to issue or enforce this Order, and agrees not to contest the validity of this Order or its terms or the validity of data submitted to the Department by Respondent pursuant to this Order except and only to the extent inconsistent with the terms of the Tronox Bankruptcy Agreements.

NOW, having considered this matter and being duly advised, **IT IS ORDERED THAT**:

I. Real Property

The Site subject to this Order has been assigned number 633088, consists of approximately 8.89 acres, and is as follows:

Subject Property Description (A Map of the Site is attached as Exhibit "A")

Tax Map/Parcel No. (Section, Block, Lot):
222.000-1-70.2,
222.000-1-70.5, and
222.000-1-72.4

Address: Success Drive
Rome, New York 13440

Owner(s): Greenfield Environmental Multistate Trust LLC, not individually but solely in its representative capacity as Trustee of the Multistate Environmental Response Trust
1506 D Street SE
Washington, DC 20003

Oneida County Industrial Development Agency
584 Phoenix Drive
Rome, NY 13441

Nortek Powder Coating, LLC
5900 Success Drive

Rome, NY 13440

5900 Success Drive Realty, LLC
684 Phoenix Drive
Rome, NY 13441

Mohawk, Adirondack and Northern Railroad
1 Mill Street, Suite 101
Batavia, NY 14020

II. Development, Performance, and Reporting of Work Plans and Reports

Respondent shall complete any work plans submitted by Respondent and approved by the Department as of the date of this Order.

The Respondent shall submit any additional and necessary work plans and reports in accordance with Section III of the attached Appendix A - "Standard Clauses for All New York State, State Superfund Orders."

The Department may request, subject to dispute resolution pursuant to Paragraph XIV of Appendix A, that Respondent submit additional or supplemental Work Plans for the Site to complete the current remedial phase.

III. Payment of State Costs

Respondent shall pay State oversight costs, as invoiced by the Department and in accordance with requirements of the Tronox Bankruptcy Agreements.

Invoices shall be sent to Respondent by electronic copy at the following address(es):

invoices@g-etg.com, and
ck@g-etc.com

However, in no event shall Responded be liable for costs that exceed Respondent's legal and fiscal obligations for the Site.

IV. Communications

All written communications required by this Consent Order shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Respondent shall be sent to:

   Rachel Gardner (1 hard copy (unbound for work plans) & 1 electronic copy)

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 6
Dulles State Office Building
317 Washington Street
Watertown, NY 13501
Rachel.Gardner@dec.ny.gov

Gregory Rys (electronic copy only)
New York State Department of Health
5665 NY-5
Herkimer, NY 13350
gregory.rys@health.ny.gov

Benjamin Conlon, Esq. (electronic copy only)
New York State Department of Environmental Conservation
Office of General Counsel
625 Broadway
Albany, NY 12233-1500
benjamin.conlon@dec.ny.gov

2. Communication from the Department to Respondent shall be sent by electronic copy to:

ke@g-etg.com, and
tl@g-etg.com

A. The Department and Respondent reserve the right to designate additional or different addressees for communication on written notice to the other. Additionally, the Department reserves the right to request that the Respondent provide more than one paper copy of any work plan or report.

B. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph or anywhere else in this Order.

V. Termination of Voluntary Cleanup Agreement

Upon the effective date of this Order, the Voluntary Cleanup Agreement, Index No. D6-0001-02-10, for the Site, executed by Respondent (or its predecessor-in-interest) and the Department, and with an effective date of December 20, 2002, is hereby terminated.

VI. Miscellaneous

A. Appendix A - "Standard Clauses for All New York State, State Superfund Orders" is attached to and hereby made a part of this Order as if set forth fully herein,

provided that any indemnity obligation imposed on Respondent thereunder is limited to the amount of fund in the designated account for the Site.

B. In the event of a conflict between the main body of this Order (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the main body of this Order shall control.

C. In the event of any conflict or inconsistency between the terms of the Tronox Bankruptcy Agreements and this Order (including, without limitation, Appendix A – "Standard Clauses for all New York State, State Superfund Orders"), the terms of the Tronox Bankruptcy Agreements shall govern and control. Nothing in this Order shall affect or impair in any way all the exculpations, immunities, liability protections, and other rights extended to the Respondent and the Multistate Trust Parties (as defined in the Tronox Bankruptcy Agreements) under or in connection with the Tronox Bankruptcy Agreements, all of which hereby expressly reserved.

D. The effective date of this Order is the 10th day after it is signed by the Commissioner or the Commissioner's designee.

DATED: July 13, 2018

BASIL SEGGOS
COMMISSIONER
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By: _____
Michael J. Ryan, P.E., Director
Division of Environmental Remediation

CONSENT BY RESPONDENT

Respondent hereby consents to the issuing and entering of this Consent Order, waives Respondent's right to a hearing herein as provided by law, and agrees to be bound by this Consent Order.

Greenfield Environmental Multistate Trust, LLC, not individually but solely in its representative capacity as Trustee of the Multistate Environmental Response Trust, By: Greenfield Environmental Trust Group, Inc., Member

By: _____

Title: Vice President

Date: 7/12/18

STATE OF Utah)
) ss:
COUNTY OF Salt Lake)

On the 12 day of July in the year 2018, before me, the undersigned, personally appeared Marc Weinreich *(full name)* personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Acknowledgment by a corporation:

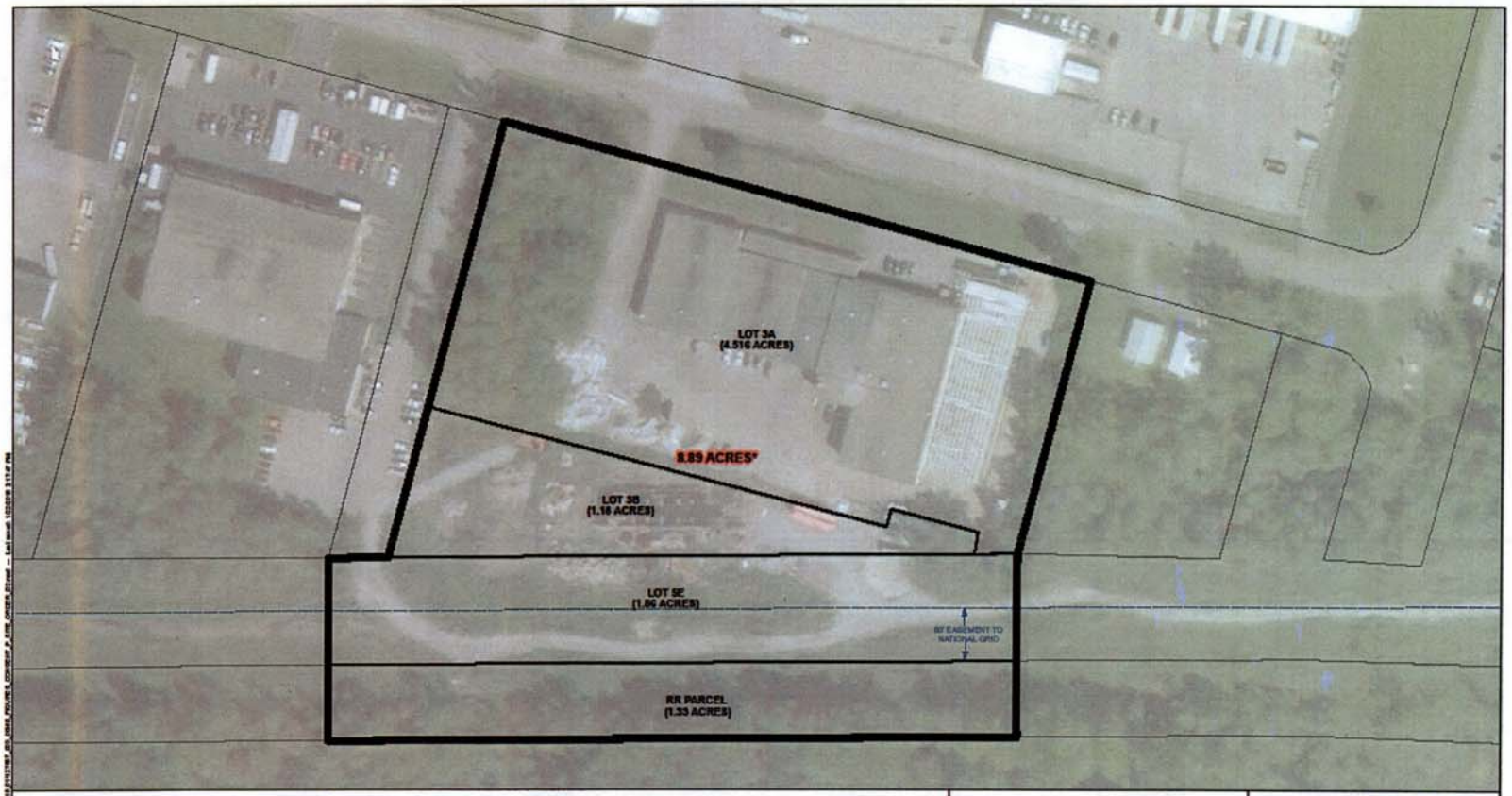
On the 12 day of July in the year 2018, before me, the undersigned, personally appeared Marc Weinreich *(full name)* known to me who, being duly sworn, did depose and say that he/she/they reside at 740 N Eastcapitol Blvd SLC, UT *(full mailing address)* and that he/she/they is (are) the Vice President *(president or other officer or director or attorney in fact duly appointed)* of the Greenfield Environmental Trust Group, Inc. *(full legal name of corporation)*, the corporation described in and which executed the above instrument; and that he/she/they signed his/her/their name(s) thereto by the authority of the board of directors of said corporation.

Eryka Helsten
Notary Public

ERYKA HELSTEN
Notary Public • State of Utah
Commission # 692558
My Commission Expires
December 27, 2020

EXHIBIT "A"

Map



LEGEND

- Proposed consent order boundary
- Lot and ownership boundary
- National Grid easement

OWNERSHIP

Lot 3A: Oneida County Industrial Development Agency and Norlek Powder Coating LLC

Lot 3B: 5900 Success Drive Realty LLC and Oneida County Industrial Development Agency

Lot 5E: Greenfield Environmental Multistate Trust LLC

RR parcel: Mohawk, Adirondack and Northern Railroad

NOTES

1. All locations and dimensions are approximate.
2. Assessor parcel data source: Oneida County and Hoffman Land Surveying and Geomatics survey
3. Lot 3A and 3B acreage source: Plan entitled "MOS Parcel West Rome Industrial Park", prepared by Waters Land Surveying, dated 04 January 2007
4. Lot 5E acreage source: Plan entitled "Topographic Survey", prepared by Hoffman Land Surveying and Geomatics, dated 18 October 2017
5. RR parcel acreage was estimated.
6. *Sum of acreages presented in data sources referenced in notes 3, 4, and 5
7. Aerial imagery source: ESRI

NY

PROJECT LOCATION

SCALE IN FEET

0 60 120

Prepared for:

Greenfield Environmental Multistate Trust, LLC
Trustee of the Multistate Environmental Response Trust

FORMER FEDERAL CREOSOTE SITE
ROME, NEW YORK

Figure 1

CONSENT ORDER SITE

PROJECT: 127997	BY: ANICHOLS	REVISIONS:
DATE: JAN 2018	CHECKED: GM	

HALEY & ALDRICH OF NEW YORK

APPENDIX "A"

STANDARD CLAUSES FOR ALL NEW YORK STATE STATE SUPERFUND ORDERS

The parties to the State Superfund Order (hereinafter "Order") agree to be bound by the following clauses which are hereby made a part of the Order. The word "Respondent" herein refers to any party to the Order, other than the New York State Department of Environmental Conservation (hereinafter "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Order, Respondent shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of ECL §27-1417 and 6 NYCRR sections 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Order.

II. Initial Submittal

Within thirty (30) days after the effective date of this Order, Respondent shall submit to the Department a Records Search Report prepared in accordance with Exhibit "B" attached to the Order. The Records Search Report can be limited if the Department notifies Respondent that prior submissions satisfy specific items required for the Records Search Report.

III. Development, Performance, and Reporting of Work Plans

A. Work Plan Requirements

All activities at the Site that comprise any element of an Inactive Hazardous Waste Disposal Site Remedial Program shall be conducted pursuant to one or more Department-approved work plans ("Work Plan" or "Work Plans") and this Order and all activities shall be consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 C.F.R. Part 300, as required under CERCLA, 42 U.S.C. § 9600 *et seq*. The Work Plan(s) under this Order shall address both on-Site and off-Site conditions and shall be developed and implemented in accordance with 6 NYCRR § 375-1.6(a), 375-3.6, and 375-6. All Department-approved Work Plans shall be incorporated into and become enforceable parts of this Order. Upon approval of a Work Plan by the Department, Respondent shall implement such Work Plan in accordance with the schedule contained therein. Nothing in this Subparagraph shall mandate that any particular Work Plan be submitted.

The Work Plans shall be captioned as follows:

1. Site Characterization ("SC") Work Plan: a Work Plan which provides for the identification of the presence of any hazardous waste disposal at the Site;

2. Remedial Investigation/Feasibility Study ("RI/FS") Work Plan: a Work Plan which provides for the investigation of the nature and extent of contamination within the boundaries of the Site and emanating from such Site and a study of remedial alternatives to address such on-site and off-site contamination;

3. Remedial Design/Remedial Action ("RD/RA") Work Plan: a Work Plan which provides for the development and implementation of final plans and specifications for implementing the remedial alternative set forth in the ROD;

4. "IRM Work Plan" if the Work Plan provides for an interim remedial measure;

5. "Site Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy; or

6. "Supplemental" if additional work plans other than those set forth in II.A.1-5 are required to be prepared and implemented.

B. Submission/Implementation of Work Plans

1. Respondent may opt to propose one or more additional or supplemental Work Plans (including one or more IRM Work Plans) at any time, which the Department shall review for appropriateness and technical sufficiency.

2. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan.

i. The Department shall notify Respondent in writing if the Department determines that any element of a Department-approved Work Plan needs to be modified in order to achieve the objectives of the Work Plan as set forth in Subparagraph III.A or to ensure that the Remedial Program otherwise protects human health and the environment. Upon receipt of such notification, Respondent shall, subject to dispute resolution pursuant to Paragraph XV, modify the Work Plan.

ii. The Department may request, subject to dispute resolution pursuant to Paragraph XV, that Respondent submit additional or supplemental Work Plans for the Site to complete the current remedial phase within thirty (30) Days after the Department's written request.

3. A Site Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.

4. During all field activities conducted under a Department-approved Work Plan, Respondent shall have on-Site a representative who is qualified to supervise the activities undertaken in accordance with the provisions of 6 NYCRR 375-1.6(a)(3).

5. A Professional Engineer licensed and registered in New York State must stamp and sign all Work Plans other than SC or RI/FS Work Plans.

C. Submission of Final Reports and Periodic Reports

1. In accordance with the schedule contained in a Work Plan, Respondent shall submit a final report as provided at 6 NYCRR 375-1.6(b) and a final engineering report as provided at 6 NYCRR 375-1.6(c).

2. Any final report or final engineering report that includes construction activities shall include "as built" drawings showing

any changes made to the remedial design or the IRM.

3. In the event that the final engineering report for the Site requires Site management, Respondent shall submit an initial periodic report by in accordance with the schedule in the Site Management Plan and thereafter in accordance with a schedule determined by the Department. Such periodic report shall be signed by a Professional Engineer or by such other qualified environmental professional as the Department may find acceptable and shall contain a certification as provided at 6 NYCRR 375-1.8(h)(3). Respondent may petition the Department for a determination that the institutional and/or engineering controls may be terminated. Such petition must be supported by a statement by a Professional Engineer that such controls are no longer necessary for the protection of public health and the environment. The Department shall not unreasonably withhold its approval of such petition.

4. Within sixty (60) days of the Department's approval of a Final Report, Respondent shall submit such additional Work Plans as is required by the Department in its approval letter of such Final Report. Failure to submit any additional Work Plans within such period shall be a violation of this Order.

D. Review of Submittals

1. The Department shall make a good faith effort to review and respond in writing to each submittal Respondent makes pursuant to this Order within sixty (60) Days. The Department's response shall include, in accordance with 6 NYCRR 375-1.6(d), an approval, modification request, or disapproval of the submittal, in whole or in part.

i. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be deemed to be incorporated into and made a part of this Order and shall be implemented in accordance with the schedule contained therein.

ii. If the Department modifies or requests modifications to a submittal, it shall specify the reasons for such modification(s). Within fifteen (15) Days after the date of the Department's written notice that Respondent's submittal has been disapproved, Respondent shall notify the Department of its election in accordance with 6 NYCRR 375-1.6(d)(3). If Respondent elects to modify or accept the Department's modifications to the submittal, Respondent shall make a revised submittal that incorporates all of the Department's modifications to the first submittal in accordance with the time period set forth in 6 NYCRR 375-1.6(d)(3). In the event that Respondent's revised submittal is disapproved, the Department shall set forth its reasons for such disapproval in writing and Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and its position prevails. Failure to make an election or failure to comply with the election is a violation of this Order.

iii. If the Department disapproves a submittal, it shall specify the reasons for its disapproval. Within fifteen (15) Days after the date of the Department's written notice that Respondent's submittal has been disapproved, Respondent shall notify the Department of its election in accordance with 6 NYCRR 375-1.6(d)(4). If Respondent elects to modify the submittal, Respondent shall make a revised submittal

that addresses all of the Department's stated reasons for disapproving the first submittal in accordance with the time period set forth in 6 NYCRR 375-1.6(d)(4). In the event that Respondent's revised submittal is disapproved, the Department shall set forth its reasons for such disapproval in writing and Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and its position prevails. Failure to make an election or failure to comply with the election is a violation of this Order.

2. Within thirty (30) Days after the Department's approval of a final report, Respondent shall submit such final report, as well as all data gathered and drawings and submittals made pursuant to such Work Plan, in an electronic format acceptable to the Department. If any document cannot be converted into electronic format, Respondent shall submit such document in an alternative format acceptable to the Department.

E. Department's Issuance of a ROD

1. Respondent shall cooperate with the Department and provide reasonable assistance, consistent with the Citizen Participation Plan, in soliciting public comment on the proposed remedial action plan ("PRAP"), if any. After the close of the public comment period, the Department shall select a final remedial alternative for the Site in a ROD. Nothing in this Order shall be construed to abridge any rights of Respondent, as provided by law, to judicially challenge the Department's ROD.

2. Respondent shall have 60 days from the date of the Department's issuance of the ROD to notify the Department in writing whether it will implement the remedial activities required by such ROD. If the Respondent elects not to implement the required remedial activities, then this order shall terminate in accordance with Paragraph XIV.A. Failure to make an election or failure to comply with the election is a violation of this Order.

3. Nothing in this Order, in any submittal, or in any work plan(s) submitted pursuant to this Order shall modify, expand, reduce, or otherwise change the remedial activities (including site management) required by a ROD issued by the Department.

F. Institutional/Engineering Control Certification

In the event that the remedy for the Site, if any, or any Work Plan for the Site, requires institutional or engineering controls, Respondent shall submit a written certification in accordance with 6 NYCRR 375-1.8(h)(3) and 375-3.8(h)(2).

IV. Penalties

A. Respondent's failure to comply with any term of this Order constitutes a violation of this Order, the ECL, and 6 NYCRR 375-2.11(a)(4). Nothing herein abridges Respondent's right to contest any allegation that it has failed to comply with this Order.

B. Payment of any penalties shall not in any way alter Respondent's obligations under this Order.

C. Force Majeure

1. Respondent shall not suffer any penalty or be subject to any proceeding or

action in the event it cannot comply with any requirement of this Order as a result of any Force Majeure Event as provided at 6 NYCRR 375-1.5(b)(4). Respondent must use best efforts to anticipate the potential Force Majeure Event, best efforts to address any such event as it is occurring, and best efforts following the Force Majeure Event to minimize delay to the greatest extent possible. "Force Majeure" does not include Respondent's economic inability to comply with any obligation, the failure of Respondent to make complete and timely application for any required approval or permit, and non-attainment of the goals, standards, and requirements of this Order.

2. Respondent shall notify the Department in writing within five (5) Days of the onset of any Force Majeure Event. Failure to give such notice within such five (5) Day period constitutes a waiver of any claim that a delay is not subject to penalties. Respondent shall be deemed to know of any circumstance which it, any entity controlled by it, or its contractors knew or should have known.

3. Respondent shall have the burden of proving by a preponderance of the evidence that (i) the delay or anticipated delay has been or will be caused by a Force Majeure Event; (ii) the duration of the delay or the extension sought is warranted under the circumstances; (iii) best efforts were exercised to avoid and mitigate the effects of the delay; and (iv) Respondent complied with the requirements of Subparagraph IV.B.2 regarding timely notification.

4. If the Department agrees that the delay or anticipated delay is attributable to a Force Majeure Event, the time for performance of the obligations that are affected by the Force Majeure Event shall be extended for a period of time equivalent to the time lost because of the Force majeure event, in accordance with 375-1.5(4).

5. If the Department rejects Respondent's assertion that an event provides a defense to non-compliance with this Order pursuant to Subparagraph IV.B, Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and Respondent's position prevails.

V. Entry upon Site

A. Respondent hereby consents, upon reasonable notice under the circumstances presented, to entry upon the Site (or areas in the vicinity of the Site which may be under the control of Respondent) by any duly designated officer or employee of the Department or any State agency having jurisdiction with respect to matters addressed pursuant to this Order, and by any agent, consultant, contractor, or other person so authorized by the Commissioner, all of whom shall abide by the health and safety rules in effect for the Site, for inspecting, sampling, copying records related to the contamination at the Site, testing, and any other activities necessary to ensure Respondent's compliance with this Order. Upon request, Respondent shall (i) provide the Department with suitable work space at the Site, including access to a telephone, to the extent available, and (ii) permit the Department full access to all non-privileged records relating to matters addressed by this Order. Raw data is not considered privileged and that portion of any privileged document containing raw data must be provided to the Department. In the event Respondent is unable to obtain any authorization from third-party property owners necessary to perform its obligations

under this Order, the Department may, consistent with its legal authority, assist in obtaining such authorizations.

B. The Department shall have the right to take its own samples and scientific measurements and the Department and Respondent shall each have the right to obtain split samples, duplicate samples, or both, of all substances and materials sampled. The Department shall make the results of any such sampling and scientific measurements available to Respondent.

C. Costs shall be documented as provided by 6 NYCRR 375-1.5(b)(3). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.

D. Each such payment shall be made payable to the New York State Department of Environmental Conservation and shall be sent to:

Director, Bureau of Program Management
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7012

E. The Department shall provide written notification to the Respondent of any change in the foregoing addresses.

F. If Respondent objects to any invoiced costs under this Order, the provisions of 6 NYCRR 375-1.5 (b)(3)(v) and (vi) shall apply. Objections shall be sent to the Department as provided under subparagraph VI.C above.

G. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph IV or the Department may commence an enforcement action for non-compliance with ECL '27-1423 and ECL 71-4003.

VI. Release and Covenant Not to Sue

Upon the Department's issuance of a Certificate of Completion as provided at 6 NYCRR 375-1.9 and 375-2.9, Respondent shall obtain the benefits conferred by such provisions, subject to the terms and conditions described therein.

VII. Reservation of Rights

A. Except as provided at 6 NYCRR 375-1.9 and 375-2.9, nothing contained in this Order shall be construed as barring, diminishing, adjudicating, or in any way affecting any of the Department's rights or authorities, including, but not limited to, the right to require performance of further investigations and/or response action(s), to recover natural resource damages, and/or to exercise any summary abatement powers with respect to any person, including Respondent.

B. Except as otherwise provided in this Order, Respondent specifically reserves all rights and defenses under applicable law respecting any Departmental assertion of remedial liability and/or natural resource damages against Respondent, and further reserves all rights respecting the enforcement of this Order, including the rights to notice, to be heard, to appeal, and to any other due process. The existence of this Order or Respondent's compliance with it shall not be construed as an admission of liability, fault, wrongdoing, or

breach of standard of care by Respondent, and shall not give rise to any presumption of law or finding of fact, or create any rights, or grant any cause of action, which shall inure to the benefit of any third party. Further, Respondent reserves such rights as it may have to seek and obtain contribution, indemnification, and/or any other form of recovery from its insurers and from other potentially responsible parties or their insurers for past or future response and/or cleanup costs or such other costs or damages arising from the contamination at the Site as may be provided by law, including but not limited to rights of contribution under section 113(f)(3)(B) of CERCLA, 42 U.S.C. § 9613(f)(3)(B).

VIII. Indemnification

Respondent shall indemnify and hold the Department, the State of New York, the Trustee of the State's natural resources, and their representatives and employees harmless as provided by 6 NYCRR 375-2.5(a)(3)(i).

IX. Notices

A. Within thirty (30) Days after the effective date of this Order, Respondent shall provide notice as required by 6 NYCRR 375-1.5(a). Within sixty (60) Days of such filing, Respondent shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy.

B. If Respondent proposes to transfer by sale or lease the whole or any part of Respondent's interest in the Site, or becomes aware of such transfer, Respondent shall, not fewer than forty-five (45) Days before the date of transfer, or within forty-five (45) Days after becoming aware of such conveyance, notify the Department in writing of the identity of the transferee and of the nature and proposed or actual date of the conveyance, and shall notify the transferee in writing, with a copy to the Department, of the applicability of this Order. However, such obligation shall not extend to a conveyance by means of a corporate reorganization or merger or the granting of any rights under any mortgage, deed, trust, assignment, judgment, lien, pledge, security agreement, lease, or any other right accruing to a person not affiliated with Respondent to secure the repayment of money or the performance of a duty or obligation.

X. Change of Use

Applicant shall notify the Department at least sixty (60) days in advance of any change of use, as defined in 6 NYCRR 375-2.2(a), which is proposed for the Site, in accordance with the provisions of 6 NYCRR 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Applicant of such determination within forty-five (45) days of receipt of such notice.

XI. Environmental Easement

A. If a Record of Decision for the Site relies upon one or more institutional and/or engineering controls, Respondent (or the owner of the Site) shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36, and 6 NYCRR 375-1.8(h)(2). Upon acceptance of the Environmental Easement by the State, Respondent shall comply with the requirements of 6 NYCRR 375-1.8(h)(2).

B. If the ROD provides for no action other than implementation of one or more institutional controls, Respondent shall cause an environmental easement to be recorded under the provisions of Subparagraph XII.A.

C. If Respondent does not cause such environmental easement to be recorded in accordance with 6 NYCRR 375-1.8(h)(2), Respondent will not be entitled to the benefits conferred by 6 NYCRR 375-1.9 and 375-2.9 and the Department may file an Environmental Notice on the site.

XII. Progress Reports

Respondent shall submit a written progress report of its actions under this Order to the parties identified in Subparagraph IV.A.1 of the Order by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination date as set forth in Paragraph XIV, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Site during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Respondent in connection with this Site, whether under this Order or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XIII. Termination of Order

A. This Order will terminate upon the earlier of the following events:

1. Respondent's election in accordance with Paragraph III.E.2 not to implement the remedial activities required pursuant to the ROD. In the event of termination in accordance with this Subparagraph, this Order shall terminate effective the 5th Day after the Department's receipt of the written notification, provided, however, that if there are one or more Work Plan(s) for which a final report has not been approved at the time of Respondent's notification of its election not to implement the remedial activities in accordance with the ROD, Respondent shall complete the activities required by such previously approved Work Plan(s) consistent with the schedules contained therein. Thereafter, this Order shall terminate effective the 5th Day after the Department's approval of the final report for all previously approved Work Plans; or

2. The Department's written determination that Respondent has completed all phases of the Remedial Program (including Site Management), in which event the termination shall be effective on the 5th Day after the date of the Department's letter stating that all phases of the remedial program have been completed.

B. Notwithstanding the foregoing, the provisions contained in Paragraphs VI and IX shall survive the termination of this Order and any violation of such surviving Paragraphs shall be a violation of this Order, the ECL, and 6 NYCRR 375-

2.11(a)(4), subjecting Respondent to penalties as provided under Paragraph IV so long as such obligations accrued on or prior to the Termination Date.

C. If the Order is terminated pursuant to Subparagraph XIV.A.1, neither this Order nor its termination shall affect any liability of Respondent for remediation of the Site and/or for payment of State Costs, including implementation of removal and remedial actions, interest, enforcement, and any and all other response costs as defined under CERCLA, nor shall it affect any defenses to such liability that may be asserted by Respondent. Respondent shall also ensure that it does not leave the Site in a condition, from the perspective of human health and environmental protection, worse than that which existed before any activities under this Order were commenced. Further, the Department's efforts in obtaining and overseeing compliance with this Order shall constitute reasonable efforts under law to obtain a voluntary commitment from Respondent for any further activities to be undertaken as part of a Remedial Program for the Site.

XIV. Dispute Resolution

A. In the event disputes arise under this Order, Respondent may, within fifteen (15) Days after Respondent knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR 375-1.5(b)(2).

B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to this Order.

C. Nothing contained in this Order shall be construed to authorize Respondent to invoke dispute resolution with respect to the remedy selected by the Department in the ROD or any element of such remedy, nor to impair any right of Respondent to seek judicial review of the Department's selection of any remedy.

XV. Miscellaneous

A. Respondent agrees to comply with and be bound by the provisions of 6 NYCRR Subparts 375-1 and 375-2; the provisions of such Subparts that are referenced herein are referenced for clarity and convenience only and the failure of this Order to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Order.

B. The Department may exempt Respondent from the requirement to obtain any state or local permit or other authorization for any activity conducted pursuant to this Order in accordance with 6 NYCRR 375-1.12(b), (c), and (d).

C. Site Access

1. Respondent shall use best efforts to obtain all Site access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Respondent's obligations under this Order, including all Department-approved Work Plans and the schedules contained therein. If, despite Respondent's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Respondent shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Respondent in obtaining same.

2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Respondent to modify the Work Plan pursuant to 6 NYCRR 375-1.6(d)(3) to reflect changes necessitated by Respondent's inability to obtain such interest.

D. The paragraph headings set forth in this Order are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Order.

E. Entire Agreement and Modifications

1. The terms of this Order shall constitute the complete and entire agreement between the Department and Respondent concerning the implementation of the activities required by this Order. No term, condition, understanding, or agreement purporting to modify or vary any term of this Order shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Respondent of Respondent's obligation to obtain such formal approvals as may be required by this Order. In the event of a conflict between the terms of this Order and any Work Plan submitted pursuant to this Order, the terms of this Order shall control over the terms of the Work Plan(s). Respondent consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Order.

2. Modifications

i. Except as set forth herein, if Respondent desires that any provision of this Order be changed, Respondent shall make timely written application to the Commissioner with copies to the parties listed in Subparagraph IV.A.1.

ii. If Respondent seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1.

F. Requests for a change to a time frame set forth in this Order shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Respondent promptly.

G. Multiple Parties and Partnerships

1. If there are multiple parties signing this Order, the term "Respondent" shall be read in the plural, the obligations of each such party under this Order are joint and several, and the insolvency of or failure by any Respondent to implement any obligations under this Order shall not affect the obligations of the remaining Respondent(s) under this Order.

2. If Respondent is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Order are joint and several and the insolvency or failure of any general partner to implement any obligations under this Order shall not affect the obligations of the remaining partner(s) under this Order.

3. Notwithstanding the foregoing Subparagraphs XVI.F.1 and 2, if multiple parties sign this Order as Respondents but not all of the signing parties elect to implement a Work Plan, all Respondents

are jointly and severally liable for each and every obligation under this Order through the completion of activities in such Work Plan that all such parties consented to; thereafter, only those Respondents electing to perform additional work shall be jointly and severally liable under this Order for the obligations and activities under such additional Work Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Order relative to the activities set forth in such Work Plan(s). Further, only those Respondents electing to implement such additional Work Plan(s) shall be eligible to receive the release and covenant not to sue referenced in Paragraph VII.

H. Respondent shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL 27-1421(6) and 6 NYCRR 375-1.5(b)(5).

I. Any time limitations set forth in Section 113(g)(1) of CERCLA, as amended, 42 U.S.C. § 9613(g)(1), Section 1012(h)(2) of the Oil Pollution Act, as amended, 33 U.S.C. § 2712(h)(2), the Federal Water Pollution Control Act, the New York Navigation Law, the New York Environmental Conservation Law, or any other federal or state statute or regulation with respect to potential claims for natural resource damages against Respondent or any other time limitations for the filing of potential natural resource damages claims against Respondent under any other applicable state or federal law are tolled in their entirety from the effective date of this Order until termination of this Order.

J. Unless otherwise expressly provided herein, terms used in this Order which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

K. Respondent's obligations under this Order represent payment for or reimbursement of response costs, and shall not be deemed to constitute any type of fine or penalty.

L. Respondent and Respondent's successors and assigns shall be bound by this Order. Any change in ownership or corporate status of Respondent shall in no way alter Respondent's responsibilities under this Order.

M. This Order may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.

Oneida Herkimer Solid Waste Management Authority

Generators Waste Profile Sheet For the Oneida Herkimer Regional Landfill

Waste Profile On File? Yes ☐ No☒ Profile Number: OHSWA NA CS 0719-09

☐ Hazardous ☒ Non-Hazardous ☐ TSCA Renewal Date: NA 7/19/2022

A. Waste Generator Information

1. Generator's Name: Greenfield Environmental Multistate Trust LLC
2. SIC Code: NA
3. Generator's Street Address: 1400 Village Sq. Blvd., Ste. 3-144
4. Phone: 850-228-9421
5. Generator's City: Tallahassee
6. State: FL
7. Zip/Postal Code: 32312
8. Generator USEPA/Federal ID#: NA
9. County: Leon County
10. State ID#: NA

B. Billing Information

1. Company Name (Billing): Paragon Env. Const.
2. Customer Phone: 315-699-0840
3. Billing Contact: Peter Paragon
4. Customer Fax: 315-699-0845
5. Billing Address: 5664 Mud Mill Road, Brewerton NY Same as Above☐
6. Credit Application on file: ☒ YES ☐ NO
7. Authority Account Number: NA

C. Description of Waste Stream

a. Name of Waste: Creosote-Impacted Soil/Fill

b. Process Generating Waste: Site Remediation

c. Color	d. Strong odor (describe)	e. Physical State @ 70° F	f. Layers	g. Free Liquid Range
Brown	Mild	☒ Solid ☐Liquid ☐Gas ☐Sludge ☐Other	☒ Single Layer ☐ Multi Layer	0 to ____ %
				h. pH Range 8 to ____ %

i. Liquid Flash Point: ☐<73°F ☐73-99°F ☐100-139°F ☒140-199°F ☐>200°F ☐Not Applicable

j. Chemical Composition (List all constituents (including halogenated organics, debris, and UHC'S) present in any concentration and submit representative analysis)

Constituents	Concentration Range	Constituents	Concentration Range
SEE ATTACHED DATA			

Total Composition Must Equal Or Exceed 100%

NA k. ☐ Oxidizer NA ☐ Pyrophoric NA ☐ Explosive NA ☐ Radioactive

NA ☐ Carcinogen NA ☐ Infectious NA ☐ Shock Sensitive NA ☐ Water Reactive

l. Does the waste represented by this profile contain any carcinogens which require OHSA notification? (List in Section C.j) ☐ Yes ☒No

m. Does the waste represented by this profile contain any dioxins? (List Section C.j) ☐ Yes ☒No

n. Does the waste represented by this profile contain any asbestos?If yes ☐ Friable ☐ Non-Friable ☐ Yes ☒No

o. Does the waste represented by this profile contain benzene? ☒ Yes ☐No
If yes, concentration 0.0022 ppm (TCLP)

p. Is the waste subject to Benzene waste operations NESHAP? ☐ Yes ☒No

q. Is the waste a reactive or heat generating waste? ☐ Yes ☒No

Note: Not Applicable (NA)

Oneida Herkimer Solid Waste Management Authority

Generators Waste Profile Sheet For the Oneida Herkimer Regional Landfill

r. Does the waste contain any Class I or Class II ozone depleting chemicals? ☐ Yes ☒ No

D. Quantity and Shipping Information

Estimated Annual Volume 9,000 ☐ Yards ☒ Tons ☐ Drums ☐ Other _____
Ongoing Sampling (specify)

a. Packaging:
☒ Bulk Solid; Type/Size: Dump Trailers, Dump Trucks
☐ Other: _____
b. Shipping Frequency: Units _____ Per: ☐ Month ☐ Quarter ☐ Year ☒ One Time
Other:
c. Hauler / Transporters Name: Paragon Environmental Construction Inc.
d. Hauler / Transporters DEC 364 Permit Number: 7A-516
e. DEC 364 Permit on file: ☒ Yes ☐ No
f. OHSWA Hauler Permit Number: NA

E. Generators Certification (Please check appropriate responses, sign, and date below.)

1. Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations? ☐ Yes ☒ No
2. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean up? ☒ Yes ☐ No
   If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up activity. For state mandated clean-up, provide relevant documentation.
3. Is this a regulated medical or infectious waste as defined by Federal and/or State regulations? ☐ Yes ☒ No
4. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? ☐ Yes ☒ No
   (If yes, list chemical composition C.j)
5. Do the waste profile sheet and all attachments contain true and accurate descriptions of the Waste material, and has all relevant information within the possession of the Generator Regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? ☒ Yes ☐ No
6. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? ☒ Yes ☐ No

☐ Check here if Certification of Destruction or Disposal is required.

Any Sample submitted is representative as defined in 40 CFR 261 – Appendix I or by using an equivalent method. I authorize OHSWA to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this profile sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Greenfield Environmental Multistate Trust LLC,
Trustee of the Multistate Environmental Response Trust
By: Greenfield Environmental Trust Group, Inc., Member

Certification Signature: _____ Title: Project Manager, Greenfield Environmental Multistate Trust

Name (Type or Print): Austin Hofmeister Company Name: Greenfield Environmental Multistate Trust LLC Date: _____

☒ Check if additional information is attached. Indicate the number of attached pages 99

Oneida Herkimer Solid Waste Management Authority

Generators Waste Profile Sheet For the Oneida Herkimer Regional Landfill

F. OHSWA Management's Decision

1. Precautions, Special Handling Procedures, or Limitation on Approval: _____

2. Direct haul to Regional Landfill: ☒ Yes ☐ No

3. Commingle waste at Eastern or Western Transfer Stations: ☐ Yes ☒ No

4. Waste Form: _____

5. Waste Class: ☐ DH SW ☐ MSW ☐ C&D ☐ Sludge ☐ CS ☐ ADC ☐ Select C&D ☐ Asbestos

Special Waste Decision: ☒ Approved ☐ Disapproved

Special Waste Approvals Signature: Joshua J Olbrys Date: 7/19/2019

Instructions

Information on this form is used to determine if the waste may be transported, treated, stored or disposed in a legal, safe, and environmentally sound manner. This information will be maintained in strict confidence. Answers must be provided for sections A, B, and C and must be printed in ink or typed. A response of "NONE" or "NA" (not applicable) can be made if appropriate. If additional space is needed, indicate on the form that additional information is attached, and attach the information to Generator's Waste Profile Sheet. If you have questions concerning this form, please contact the Oneida Herkimer Solid Waste Authority.

A. Waste Generator Information

1. Generator Name – Enter the name of the facility where the waste is generated.
2. SIC Code – Enter the four digit Standard Industrial Classification Code for the facility where the waste is generated.
3. Facility Street Address – Enter the street address (not P.O. Box) of the facility were the waste is generated.
4. Phone – Enter Generator's area code and phone number.
5. Facility City – Enter the city where the waste is generated.
6. State– Enter the state where the waste is generated.
7. Zip/Postal Code – Enter the generating facility's zip or postal code.
8. Generator USEPA/Federal ID# - Enter the identification number issued by the USEPA.
9. County – Enter the county where the waste is generated.
10. State ID # - Enter the identification number issued by the state of the facility generating the waste (if applicable).

B. Waste Generator Information

1. Customer Name – Entity that responsible for billing. If the same as the Generator, mark "Same as Above".
2. Customer Phone – Enter technical contact's area code and telephone number.
3. Customer Contact – Enter the name of the person who can answer technical questions about the waste.
4. Customer Fax – Area code and facsimile number for the customer.
5. Billing Address – Address where bill for services should be sent.
6. Credit Application on File- Does the company to be billed have credit with the Authority.
7. Authority Account Number – If credit application is on file please provide the Authority account number.

C. Waste Stream Information

a. Name of Waste – Enter a name generally descriptive of this waste (e.g., paint sludge, fluorescent bulbs).

b. Process Generating Waste – Describe the process generating the waste in detail. List the specific process/operation or source that generates the waste (e.g., incineration of municipal refuse, asbestos removal, wastewater treatment, building maintenance).

At a minimum, the Generator should answer the following questions in determining the process generating the waste.

- What chemicals are stored and/or used at the facility?
- Is the waste generated from the production/manufacturing of any of the following industries: wood preservation; inorganic pigments; organic pigments; pesticides; explosives; petroleum refining; iron and steel, copper, lead or zinc production?
- Is the waste a result from degreasing, solvent parts cleaning, recovery/reclaiming of solvents (bottoms), wastewater treatment (sludges), or electroplating?

c. Color – Describe the color of the waste (e.g., blue, transparent, varies).

d. Strong odor – DO NOT SMELL THE WASTE! If the waste has a known odor, then describe (e.g., acrid, pungent, solvent, sweet).

e. Physical state @ 70^0F – If the four boxes provided do not apply, a descriptive phrase may be entered after "Other" (e.g., multi-phase).

f. Layers – Single Layer means the waste is homogenous. Multi-layer means the waste is comprised of two or more layers (e.g., oil/water/sludge).

g. Free liquid range – Range (in percent by volume) of free liquids in the waste.

h. pH Range – Indicate the pH range.
i. Liquid Flash Point – Indicate the flash point obtained using the appropriate test method.
j. Chemical Composition – List all organic and/or inorganic components that adequately describe the composition of the waste. For each component, estimate the range (in percent) in which the component is present.
k. Check all that apply.
l. Identify any element, chemical compound, or mixture in concentration of 0.1 percent or greater that is considered a carcinogen or potential carcinogen pursuant to OSHA.
m. Indicate if the waste contains any dioxins (list in Section C.j).
n. Indicate if the waste contains asbestos. Indicate if the asbestos is friable.
o. Indicate if the waste contains benzene, the level in ppm, and whether it is subject to the benzene NESHAP.
p. Indicate if the waste is subject to RCRA Subpart CC control. In addition, indicate the volatile organic concentration, if known, in parts per million weight.
q. Indicate if the waste is reactive or if it generates heat when in contact with other material.
r. Indicate if the waste contains any Class I or Class II ozone depleting controlled substances.

D. Quantity and Shipping Information

Quantity of Waste – Approximate volume in tons, yards, or other (e.g., drums, gallons) that will be received by the ultimate management facility. This volume amount is not intended for use in complying with state and/or permit restrictions.

a. Packaging – Choose the appropriate option or "other" along with a description.
b. Shipping Frequency – Choose the appropriate option or "other" along with a description.
c. The name of the company that will be transporting the material.
d. The hauler / transporters DEC 364 permit number.
e. Does the hauler / transporter of the waste have a Part C hauling permit on file.
f. Indicate the hauler / transporters OHSWA permit number.

E. Generator's Certification (Please check appropriate responses, sign, and date below).

Indicate the appropriate response to questions/statements 1,2,3,4,5, and 6. By signing this Generator's Waste Profile Sheet, the Generator certifies the responses are true and accurate with respect to the waste stream(s) listed.

Certification Signature – Signature of an authorized employee of the Generator or representative of the generator if authorized in writing by the generator.
Title – Enter Employee's title.
Name – Type or Print Employee's name.
Company Name – Company employing the person certifying the Generator's Waste Profile Sheet.
Date – Enter the date this Generator's Waste Profile Sheet is signed.

D. OHSWA Decision **FOR OHSWA USE ONLY**

To be completed by OHSWA.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

July 16, 2019

Ms. Claire L. Mondello, CHMM
Project Manager
Senior Scientist
Haley & Aldrich, Inc

Re: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request

Dear Ms. Mondello:

We have completed our review of the soil sampling data (Sample ID: L1929111-01) submitted with your July 10, 2019 request for a “contained-in” determination for the referenced project.

Concentrations detected for individual SVOCs and metals were all significantly less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual SVOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Acenaphthene, Anthrancene, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene and Pyrene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the stockpile (Sample ID: L1929111-01), approximately 300 cubic yard of impacted waste material (soil and/or concrete) generated during excavation at the referenced project, does not have to be managed as hazardous waste when transported to Oneida Herkimer Solid Waste Authority in Boonville, NY, for disposal.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: P. Ouderkirk, DEC Region 6
R. Gardner, DEC Region 6
A. Nichols, Haley & Aldrich

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

10 July 2019
File No. 127887-007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York

Attention: Mr. Henry Wilkie
Environmental Engineer I

Subject: Former Federal Creosote Site (Site #633088)
Lot 3A Interim Remedial Measures
Rome, New York
Contained-In Determination Request
Request #190710-0001

Dear Mr. Wilkie:

By this letter, Haley & Aldrich of New York ("Haley & Aldrich") on behalf of the Multistate Trust, Trustee of the Multistate Environmental Response Trust ("Multistate Trust"), requests a "Contained-In" determination for the material referenced below pursuant to the Interim Remedial Measures (IRM) Work Plan dated 10 August 2018, and our 29 April 2019 conference call documented in meeting minutes dated 15 May 2019.

Creosote-impacted waste materials generated at the Former Federal Creosote Site as part of remediation activities have been determined by the NYSDEC to be considered F-034 listed hazardous waste per the NYSDEC's letter to the Multistate Trust dated August 11, 2015. As such, the waste requires handling and disposal as hazardous waste, unless granted a Contained-In determination.

An approximately 300 cubic yard pile (representative of 500 tons) of soil and/or concrete was generated for disposal and designated as SP-01. One (1) composite sample, representative of the material to be disposed, was collected and analyzed as per the sampling and analysis procedures, detailed in the IRM Work Plan. The laboratory analytical report for the sample is attached for your review. The sample is identified as:

- SP01-190702-1530

Upon receipt of a Contained-In determination, the waste will be profiled for disposal at the Oneida Herkimer Solid Waste Authority in Boonville, NY.

If you have any questions or concerns, please contact me at (585) 321-4220.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Enclosure:
Analytical Laboratory Report

c: Claire L. Mondello, Haley & Aldrich

G:\127887_GEMT Rome, NY Site\06_Remedial Action Implementation\Lot 3A IRM Field\Contained In\Soil\SP-01\2019_0710_SP-01_soil_contained_in_request.docx

ANALYTICAL REPORT

Lab Number:	L1929111
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/09/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929111-01	SP01-190702-1530	SOIL	ROME, NY	07/02/19 15:30	07/02/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1929111
Project Number:	127887-007	**Report Date:**	07/09/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1929111
Project Number:	127887-007	**Report Date:**	07/09/19

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

L1929111-01 (SP01-190702-1530): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1929111-01 (SP01-190702-1530): The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

L1929111-01 (SP01-190702-1530): The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

TCLP Semivolatiles

The WG1256729-2/-3 LCS/LCSD RPD, associated with L1929111-01 (SP01-190702-1530), is above the acceptance criteria for pyridine (65%).

Total Metals

L1929111-01 (SP01-190702-1530): 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: Amita Naik

Title: Technical Director/Representative Date: 07/09/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/08/19 09:01
Analyst: MM
Percent Solids: 86%
TCLP/SPLP Ext. Date: 07/03/19 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	2.2	J	ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
dibromofluoromethane	106		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/19 07:44
Analyst: MM
TCLP/SPLP Extraction Date: 07/03/19 12:25

Extraction Date: 07/03/19 12:25

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1257041-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1257041-3 WG1257041-4								
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
Tetrachloroethene	88		88		70-130	0		20
Chlorobenzene	88		90		75-130	2		25
1,2-Dichloroethane	100		98		70-130	2		20
Benzene	110		110		70-130	0		25
Vinyl chloride	96		100		55-140	4		20
1,1-Dichloroethene	86		88		61-145	2		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	79		81		70-130	3		20
2-Butanone	120		110		63-138	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		88		70-130
Toluene-d8	94		95		70-130
4-Bromofluorobenzene	97		98		70-130
dibromofluoromethane	103		103		70-130

SEMIVOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/08/19 09:47
Analyst: ALS
Percent Solids: 86%
TCLP/SPLP Ext. Date: 07/03/19 06:07

Extraction Method: EPA 3510C
Extraction Date: 07/06/19 13:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	44		33-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01 D2
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/08/19 21:35
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/03/19 16:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	270000		ug/kg	19000	2300	100

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01 D
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/08/19 21:10
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/03/19 16:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	52000		ug/kg	3100	400	20
Hexachlorobenzene	ND		ug/kg	2300	430	20
Bis(2-chloroethyl)ether	ND		ug/kg	3400	520	20
2-Chloronaphthalene	ND		ug/kg	3800	380	20
3,3'-Dichlorobenzidine	ND		ug/kg	3800	1000	20
2,4-Dinitrotoluene	ND		ug/kg	3800	770	20
2,6-Dinitrotoluene	ND		ug/kg	3800	660	20
Fluoranthene	79000		ug/kg	2300	440	20
4-Chlorophenyl phenyl ether	ND		ug/kg	3800	410	20
4-Bromophenyl phenyl ether	ND		ug/kg	3800	590	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4600	660	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4200	380	20
Hexachlorobutadiene	ND		ug/kg	3800	560	20
Hexachlorocyclopentadiene	ND		ug/kg	11000	3500	20
Hexachloroethane	ND		ug/kg	3100	620	20
Isophorone	ND		ug/kg	3400	500	20
Naphthalene	170000	E	ug/kg	3800	470	20
Nitrobenzene	ND		ug/kg	3400	570	20
NDPA/DPA	ND		ug/kg	3100	440	20
n-Nitrosodi-n-propylamine	ND		ug/kg	3800	590	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3800	1300	20
Butyl benzyl phthalate	ND		ug/kg	3800	970	20
Di-n-butylphthalate	ND		ug/kg	3800	730	20
Di-n-octylphthalate	ND		ug/kg	3800	1300	20
Diethyl phthalate	ND		ug/kg	3800	360	20
Dimethyl phthalate	ND		ug/kg	3800	810	20
Benzo(a)anthracene	24000		ug/kg	2300	430	20
Benzo(a)pyrene	9600		ug/kg	3100	940	20

Project Name: LOT 3A IRM **Lab Number:** L1929111

Project Number: 127887-007 **Report Date:** 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01 D Date Collected: 07/02/19 15:30

Client ID: SP01-190702-1530 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	15000		ug/kg	2300	650	20
Benzo(k)fluoranthene	4200		ug/kg	2300	620	20
Chrysene	16000		ug/kg	2300	400	20
Acenaphthylene	8600		ug/kg	3100	590	20
Anthracene	35000		ug/kg	2300	750	20
Benzo(ghi)perylene	3000	J	ug/kg	3100	450	20
Fluorene	62000		ug/kg	3800	370	20
Phenanthrene	120000		ug/kg	2300	470	20
Dibenzo(a,h)anthracene	1100	J	ug/kg	2300	440	20
Indeno(1,2,3-cd)pyrene	4000		ug/kg	3100	540	20
Pyrene	55000		ug/kg	2300	380	20
Biphenyl	16000		ug/kg	8800	890	20
4-Chloroaniline	ND		ug/kg	3800	700	20
2-Nitroaniline	ND		ug/kg	3800	740	20
3-Nitroaniline	ND		ug/kg	3800	720	20
4-Nitroaniline	ND		ug/kg	3800	1600	20
Dibenzofuran	52000		ug/kg	3800	360	20
2-Methylnaphthalene	72000		ug/kg	4600	460	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3800	400	20
Acetophenone	ND		ug/kg	3800	480	20
2,4,6-Trichlorophenol	ND		ug/kg	2300	730	20
p-Chloro-m-cresol	ND		ug/kg	3800	570	20
2-Chlorophenol	ND		ug/kg	3800	450	20
2,4-Dichlorophenol	ND		ug/kg	3400	620	20
2,4-Dimethylphenol	ND		ug/kg	3800	1300	20
2-Nitrophenol	ND		ug/kg	8300	1400	20
4-Nitrophenol	ND		ug/kg	5400	1600	20
2,4-Dinitrophenol	ND		ug/kg	18000	1800	20
4,6-Dinitro-o-cresol	ND		ug/kg	10000	1800	20
Pentachlorophenol	ND		ug/kg	3100	840	20
Phenol	ND		ug/kg	3800	580	20
2-Methylphenol	ND		ug/kg	3800	600	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5500	600	20
2,4,5-Trichlorophenol	ND		ug/kg	3800	740	20
Carbazole	20000		ug/kg	3800	370	20
Atrazine	ND		ug/kg	3100	1300	20
Benzaldehyde	ND		ug/kg	5100	1000	20

Project Name: LOT 3A IRM **Lab Number:** L1929111

Project Number: 127887-007 **Report Date:** 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01 D
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	3800	1200	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3800	780	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/05/19 11:09
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/03/19 06:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1256107-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	75		18-120

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/19 08:06
Analyst: ALS
TCLP/SPLP Extraction Date: 07/02/19 05:11

Extraction Method: EPA 3510C
Extraction Date: 07/06/19 13:30

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1256729-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	47		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

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: WG1256107-2 WG1256107-3								
Acenaphthene	70		65		31-137	7		50
Hexachlorobenzene	70		66		40-140	6		50
Bis(2-chloroethyl)ether	70		66		40-140	6		50
2-Chloronaphthalene	74		69		40-140	7		50
3,3'-Dichlorobenzidine	62		59		40-140	5		50
2,4-Dinitrotoluene	69		65		40-132	6		50
2,6-Dinitrotoluene	78		72		40-140	8		50
Fluoranthene	70		67		40-140	4		50
4-Chlorophenyl phenyl ether	67		63		40-140	6		50
4-Bromophenyl phenyl ether	71		67		40-140	6		50
Bis(2-chloroisopropyl)ether	76		71		40-140	7		50
Bis(2-chloroethoxy)methane	74		72		40-117	3		50
Hexachlorobutadiene	70		65		40-140	7		50
Hexachlorocyclopentadiene	63		61		40-140	3		50
Hexachloroethane	70		68		40-140	3		50
Isophorone	75		73		40-140	3		50
Naphthalene	69		64		40-140	8		50
Nitrobenzene	70		67		40-140	4		50
NDPA/DPA	70		66		36-157	6		50
n-Nitrosodi-n-propylamine	77		72		32-121	7		50
Bis(2-ethylhexyl)phthalate	86		80		40-140	7		50
Butyl benzyl phthalate	75		72		40-140	4		50
Di-n-butylphthalate	76		71		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

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: WG1256107-2 WG1256107-3								
Di-n-octylphthalate	84		79		40-140	6		50
Diethyl phthalate	73		70		40-140	4		50
Dimethyl phthalate	71		68		40-140	4		50
Benzo(a)anthracene	65		62		40-140	5		50
Benzo(a)pyrene	66		61		40-140	8		50
Benzo(b)fluoranthene	59		55		40-140	7		50
Benzo(k)fluoranthene	77		71		40-140	8		50
Chrysene	76		71		40-140	7		50
Acenaphthylene	77		73		40-140	5		50
Anthracene	69		66		40-140	4		50
Benzo(ghi)perylene	68		63		40-140	8		50
Fluorene	71		67		40-140	6		50
Phenanthrene	66		61		40-140	8		50
Dibenzo(a,h)anthracene	67		62		40-140	8		50
Indeno(1,2,3-cd)pyrene	61		57		40-140	7		50
Pyrene	70		66		35-142	6		50
Biphenyl	76		72		54-104	5		50
4-Chloroaniline	70		73		40-140	4		50
2-Nitroaniline	75		72		47-134	4		50
3-Nitroaniline	66		64		26-129	3		50
4-Nitroaniline	72		69		41-125	4		50
Dibenzofuran	70		65		40-140	7		50
2-Methylnaphthalene	69		64		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

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: WG1256107-2 WG1256107-3								
1,2,4,5-Tetrachlorobenzene	74		71		40-117	4		50
Acetophenone	75		71		14-144	5		50
2,4,6-Trichlorophenol	73		68		30-130	7		50
p-Chloro-m-cresol	80		74		26-103	8		50
2-Chlorophenol	75		72		25-102	4		50
2,4-Dichlorophenol	82		76		30-130	8		50
2,4-Dimethylphenol	78		75		30-130	4		50
2-Nitrophenol	74		69		30-130	7		50
4-Nitrophenol	73		68		11-114	7		50
2,4-Dinitrophenol	37		32		4-130	14		50
4,6-Dinitro-o-cresol	70		65		10-130	7		50
Pentachlorophenol	72		68		17-109	6		50
Phenol	73		69		26-90	6		50
2-Methylphenol	77		74		30-130.	4		50
3-Methylphenol/4-Methylphenol	83		81		30-130	2		50
2,4,5-Trichlorophenol	81		78		30-130	4		50
Carbazole	70		66		54-128	6		50
Atrazine	76		73		40-140	4		50
Benzaldehyde	75		70		40-140	7		50
Caprolactam	77		77		15-130	0		50
2,3,4,6-Tetrachlorophenol	74		71		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929111

Report Date: 07/09/19

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: WG1256107-2 WG1256107-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		69		25-120
Phenol-d6	76		73		10-120
Nitrobenzene-d5	78		75		23-120
2-Fluorobiphenyl	75		71		30-120
2,4,6-Tribromophenol	73		69		10-136
4-Terphenyl-d14	72		67		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1256729-2 WG1256729-3								
Hexachlorobenzene	51		52		40-140	2		30
2,4-Dinitrotoluene	61		65		40-132	6		30
Hexachlorobutadiene	52		52		28-111	0		30
Hexachloroethane	55		54		21-105	2		30
Nitrobenzene	62		62		40-140	0		30
2,4,6-Trichlorophenol	60		63		30-130	5		30
Pentachlorophenol	76		79		9-103	4		30
2-Methylphenol	58		58		30-130	0		30
3-Methylphenol/4-Methylphenol	57		58		30-130	2		30
2,4,5-Trichlorophenol	61		63		30-130	3		30
Pyridine	22		43		10-66	**65**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		52		21-120
Phenol-d6	54		54		10-120
Nitrobenzene-d5	63		62		23-120
2-Fluorobiphenyl	57		57		15-120
2,4,6-Tribromophenol	54		58		10-120
4-Terphenyl-d14	53		56		33-120

METALS

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

TCLP/SPLP Ext. Date: 07/03/19 06:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Barium, TCLP	0.322	J	mg/l	0.500	0.021	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/09/19 09:06	07/09/19 12:11	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/08/19 11:49	07/08/19 19:32	EPA 3015	1,6010D	LC

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY
Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

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	4.43	0.337	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Arsenic, Total	4.70		mg/kg	0.886	0.184	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Barium, Total	15.0		mg/kg	0.886	0.154	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Beryllium, Total	0.151	J	mg/kg	0.443	0.029	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Cadmium, Total	0.248	J	mg/kg	0.886	0.087	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Chromium, Total	4.48		mg/kg	0.886	0.085	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Copper, Total	6.99		mg/kg	0.886	0.229	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Lead, Total	3.74	J	mg/kg	4.43	0.238	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.074	0.048	1	07/04/19 10:10	07/08/19 13:01	EPA 7471B	1,7471B	GD
Nickel, Total	5.32		mg/kg	2.22	0.214	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Selenium, Total	0.239	J	mg/kg	1.77	0.229	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.886	0.251	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.77	0.279	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Vanadium, Total	8.78		mg/kg	0.886	0.180	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC
Zinc, Total	92.7		mg/kg	4.43	0.260	2	07/03/19 19:21	07/08/19 20:09	EPA 3050B	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1929111

Project Number: 127887-007 **Report Date:** 07/09/19

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: WG1256422-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/03/19 19:21	07/08/19 18:01	1,6010D	LC

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 Batch: WG1256548-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/04/19 10:10	07/08/19 11:38	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1257054-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC

Project Name: LOT 3A IRM **Lab Number:** L1929111

Project Number: 127887-007 **Report Date:** 07/09/19

Method Blank Analysis
Batch Quality Control

Cadmium, TCLP	ND	mg/l	0.100	0.010	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Chromium, TCLP	ND	mg/l	0.200	0.021	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Lead, TCLP	ND	mg/l	0.500	0.027	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Selenium, TCLP	ND	mg/l	0.500	0.035	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC
Silver, TCLP	ND	mg/l	0.100	0.028	1	07/08/19 11:49	07/08/19 19:20	1,6010D	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/02/19 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1257441-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/09/19 09:06	07/09/19 12:07	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/02/19 05:11

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1256422-2 SRM Lot Number: D105-540								
Antimony, Total	126		-		19-249	-		
Arsenic, Total	98		-		70-130	-		
Barium, Total	93		-		75-125	-		
Beryllium, Total	99		-		75-125	-		
Cadmium, Total	100		-		75-125	-		
Chromium, Total	92		-		70-130	-		
Copper, Total	90		-		75-125	-		
Lead, Total	90		-		71-128	-		
Nickel, Total	97		-		70-131	-		
Selenium, Total	97		-		63-137	-		
Silver, Total	89		-		69-131	-		
Thallium, Total	96		-		68-132	-		
Vanadium, Total	90		-		65-135	-		
Zinc, Total	95		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1256548-2 SRM Lot Number: D105-540								
Mercury, Total	104		-		60-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1257054-2					
Arsenic, TCLP	111	-	75-125	-	20
Barium, TCLP	100	-	75-125	-	20
Cadmium, TCLP	105	-	75-125	-	20
Chromium, TCLP	101	-	75-125	-	20
Lead, TCLP	101	-	75-125	-	20
Selenium, TCLP	110	-	75-125	-	20
Silver, TCLP	98	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1257441-2					
Mercury, TCLP	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

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 QC Batch ID: WG1256422-3 QC Sample: L1928386-02 Client ID: MS Sample												
Antimony, Total	ND	42	36.7	87		-	-		75-125	-		20
Arsenic, Total	0.275J	10.1	11.2	111		-	-		75-125	-		20
Barium, Total	35.8	168	207	102		-	-		75-125	-		20
Beryllium, Total	ND	4.2	4.14	98		-	-		75-125	-		20
Cadmium, Total	0.094J	4.28	4.31	101		-	-		75-125	-		20
Chromium, Total	7.51	16.8	24.5	101		-	-		75-125	-		20
Copper, Total	15.5	21	35.4	95		-	-		75-125	-		20
Lead, Total	2.40J	42.8	43.6	102		-	-		75-125	-		20
Nickel, Total	9.37	42	47.5	91		-	-		75-125	-		20
Selenium, Total	0.335J	10.1	10.8	107		-	-		75-125	-		20
Silver, Total	ND	25.2	26.2	104		-	-		75-125	-		20
Thallium, Total	ND	10.1	8.12	80		-	-		75-125	-		20
Vanadium, Total	13.9	42	57.3	103		-	-		75-125	-		20
Zinc, Total	24.0	42	66.8	102		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1256548-3 WG1256548-4 QC Sample: L1929343-11 Client ID: MS Sample												
Mercury, Total	ND	0.153	0.135	88		0.147	96		80-120	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257054-3 QC Sample: L1929111-01 Client ID: SP01-190702-1530									
Arsenic, TCLP	ND	1.2	1.34	112	-	-	75-125	-	20
Barium, TCLP	0.322J	20	20.3	102	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.529	104	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.06	103	-	-	75-125	-	20
Lead, TCLP	ND	5.1	5.10	100	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.29	108	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.498	100	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257441-3 QC Sample: L1929111-01 Client ID: SP01-190702-1530									
Mercury, TCLP	ND	0.025	0.0260	104	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929111

Report Date: 07/09/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1256422-4 QC Sample: L1928386-02 Client ID: DUP Sample						
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.275J	0.365J	mg/kg	NC		20
Barium, Total	35.8	37.0	mg/kg	3		20
Beryllium, Total	ND	ND	mg/kg	NC		20
Cadmium, Total	0.094J	0.087J	mg/kg	NC		20
Chromium, Total	7.51	7.47	mg/kg	1		20
Copper, Total	15.5	14.5	mg/kg	7		20
Lead, Total	2.40J	2.68J	mg/kg	NC		20
Nickel, Total	9.37	10.1	mg/kg	7		20
Selenium, Total	0.335J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	13.9	13.0	mg/kg	7		20
Zinc, Total	24.0	26.7	mg/kg	11		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929111

Report Date: 07/09/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257054-4 QC Sample: L1929111-01 Client ID: SP01-190702-1530					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.322J	0.304J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1257441-4 QC Sample: L1929111-01 Client ID: SP01-190702-1530					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

SAMPLE RESULTS

Lab ID: L1929111-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	07/03/19 07:47	121,2540G	CG

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929111

Report Date: 07/09/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256109-1 QC Sample: L1928941-01 Client ID: DUP Sample						
Solids, Total	83.0	80.8	%	3		20

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929111
Report Date: 07/09/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929111-01A	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1929111-01B	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-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),V-TI(180),HG-T(28),CD-TI(180)
L1929111-01C	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		TCLP-EXT-ZHE(14)
L1929111-01D	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14)
L1929111-01S	Vial unpreserved Extracts	A	NA		3.5	Y	Absent		TCLP-VOA(14)
L1929111-01T	Vial unpreserved Extracts	A	NA		3.5	Y	Absent		TCLP-VOA(14)
L1929111-01W	Plastic 120ml HNO3 preserved Extracts	A	NA		3.5	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1929111-01X9	Tumble Vessel	A	NA		3.5	Y	Absent		-
L1929111-01Y	Amber 1000ml unpreserved Extracts	A	NA		3.5	Y	Absent		TCLP-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1929111
Project Number:	127887-007	**Report Date:**	07/09/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1929111
Project Number:	127887-007	**Report Date:**	07/09/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1929111
Project Number: 127887-007 **Report Date:** 07/09/19

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/3/19

ALPHA Job #: L1929111

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL SVOCs	Metals (PPL + Ba & V)	TCLP VOCs	TCLP SVOCs	TCLP Metals				Total Bottles	Sample Specific Comments
29111 -01	SP01-190702-1530	7/2/2019	1530	S	DMN	NA	X	X	X	X	X					N
Container Type							A	A	A	A	A					
Preservative							A	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[illegible] AAL	7/2/19 1620	AAL [illegible]	7/2/19 1620
[illegible]	7/2/19 1620	[illegible] AAL	7/3/19 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L1929113
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Claire Mondello
Phone:	(585) 321-4219
Project Name:	LOT 3A IRM
Project Number:	127887-007
Report Date:	07/12/19

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929113-01	SP01-190702-1530	SOIL	ROME, NY	07/02/19 15:30	07/02/19

Project Name:	LOT 3A IRM	**Lab Number:**	L1929113
Project Number:	127887-007	**Report Date:**	07/12/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	LOT 3A IRM	**Lab Number:**	L1929113
Project Number:	127887-007	**Report Date:**	07/12/19

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.

The analyses of BTU and % Sulfur were subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L1929113-01 (SP01-190702-1530): The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Diesel Range Organics

L1929113-01 (SP01-190702-1530): The sample has an elevated detection limit due to the dilution required by the sample matrix.

Gasoline Range Organics

L1929113-01 (SP01-190702-1530) and WG1257442-5: The sample has an elevated detection limit due to the dilution required by the elevated concentrations of target compounds in the sample.

TCLP Pesticides

L1929113-01 (SP01-190702-1530): The surrogate recovery is outside the individual acceptance criteria for decachlorobiphenyl (155%), but within the overall method allowances. The results of the original analysis are reported.

Cyanide, Total

The WG1256830-2/-3 LCS/LCSD recoveries (76%/73%), associated with L1929113-01 (SP01-190702-1530), are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The

Project Name:	LOT 3A IRM	**Lab Number:**	L1929113
Project Number:	127887-007	**Report Date:**	07/12/19

Case Narrative (continued)

results of the original analyses 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/12/19

ORGANICS

VOLATILES

Project Name: LOT 3A IRM
Project Number: 127887-007
Lab Number: L1929113
Report Date: 07/12/19

SAMPLE RESULTS

Lab ID: L1929113-01 D
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/09/19 14:04
Analyst: MV
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	16000	7500	50
1,1-Dichloroethane	ND		ug/kg	3200	470	50
Chloroform	ND		ug/kg	4900	460	50
Carbon tetrachloride	ND		ug/kg	3200	750	50
1,2-Dichloropropane	ND		ug/kg	3200	410	50
Dibromochloromethane	ND		ug/kg	3200	460	50
1,1,2-Trichloroethane	ND		ug/kg	3200	870	50
Tetrachloroethene	ND		ug/kg	1600	640	50
Chlorobenzene	ND		ug/kg	1600	410	50
Trichlorofluoromethane	ND		ug/kg	13000	2300	50
1,2-Dichloroethane	ND		ug/kg	3200	840	50
1,1,1-Trichloroethane	ND		ug/kg	1600	540	50
Bromodichloromethane	ND		ug/kg	1600	360	50
trans-1,3-Dichloropropene	ND		ug/kg	3200	890	50
cis-1,3-Dichloropropene	ND		ug/kg	1600	510	50
1,3-Dichloropropene, Total	ND		ug/kg	1600	510	50
Bromoform	ND		ug/kg	13000	800	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	1600	540	50
Benzene	ND		ug/kg	1600	540	50
Toluene	ND		ug/kg	3200	1800	50
Ethylbenzene	1000	J	ug/kg	3200	460	50
Chloromethane	ND		ug/kg	13000	3000	50
Bromomethane	ND		ug/kg	6500	1900	50
Vinyl chloride	ND		ug/kg	3200	1100	50
Chloroethane	ND		ug/kg	6500	1500	50
1,1-Dichloroethene	ND		ug/kg	3200	780	50
trans-1,2-Dichloroethene	ND		ug/kg	4900	450	50
Trichloroethene	ND		ug/kg	1600	450	50

Project Name: LOT 3A IRM **Lab Number:** L1929113

Project Number: 127887-007 **Report Date:** 07/12/19

SAMPLE RESULTS

Lab ID: L1929113-01 D Date Collected: 07/02/19 15:30

Client ID: SP01-190702-1530 Date Received: 07/02/19

Sample Location: ROME, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	6500	470	50
1,3-Dichlorobenzene	ND		ug/kg	6500	480	50
1,4-Dichlorobenzene	ND		ug/kg	6500	560	50
Methyl tert butyl ether	ND		ug/kg	6500	660	50
p/m-Xylene	2700	J	ug/kg	6500	1800	50
o-Xylene	1000	J	ug/kg	3200	950	50
Xylenes, Total	3700	J	ug/kg	3200	950	50
cis-1,2-Dichloroethene	ND		ug/kg	3200	570	50
1,2-Dichloroethene, Total	ND		ug/kg	3200	450	50
Styrene	ND		ug/kg	3200	640	50
Dichlorodifluoromethane	ND		ug/kg	32000	3000	50
Acetone	ND		ug/kg	32000	16000	50
Carbon disulfide	ND		ug/kg	32000	15000	50
2-Butanone	ND		ug/kg	32000	7200	50
4-Methyl-2-pentanone	ND		ug/kg	32000	4200	50
2-Hexanone	ND		ug/kg	32000	3800	50
Bromochloromethane	ND		ug/kg	6500	670	50
1,2-Dibromoethane	ND		ug/kg	3200	910	50
n-Butylbenzene	ND		ug/kg	3200	540	50
sec-Butylbenzene	ND		ug/kg	3200	480	50
tert-Butylbenzene	ND		ug/kg	6500	380	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	9800	3200	50
Isopropylbenzene	ND		ug/kg	3200	360	50
p-Isopropyltoluene	ND		ug/kg	3200	360	50
Naphthalene	730000		ug/kg	13000	2100	50
n-Propylbenzene	ND		ug/kg	3200	560	50
1,2,3-Trichlorobenzene	ND		ug/kg	6500	1000	50
1,2,4-Trichlorobenzene	ND		ug/kg	6500	890	50
1,3,5-Trimethylbenzene	2000	J	ug/kg	6500	630	50
1,2,4-Trimethylbenzene	4700	J	ug/kg	6500	1100	50
Methyl Acetate	ND		ug/kg	13000	3100	50
Cyclohexane	ND		ug/kg	32000	1800	50
1,4-Dioxane	ND		ug/kg	260000	110000	50
Freon-113	ND		ug/kg	13000	2200	50
Methyl cyclohexane	ND		ug/kg	13000	2000	50

Project Name: LOT 3A IRM **Lab Number:** L1929113

Project Number: 127887-007 **Report Date:** 07/12/19

SAMPLE RESULTS

Lab ID:	L1929113-01	D	Date Collected:	07/02/19 15:30
Client ID:	SP01-190702-1530		Date Received:	07/02/19
Sample Location:	ROME, NY		Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/19 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1257413-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/19 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1257413-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	10	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/19 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1257413-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1257413-3 WG1257413-4								
Methylene chloride	89		87		70-130	2		30
1,1-Dichloroethane	98		97		70-130	1		30
Chloroform	102		102		70-130	0		30
Carbon tetrachloride	113		110		70-130	3		30
1,2-Dichloropropane	93		93		70-130	0		30
Dibromochloromethane	101		100		70-130	1		30
1,1,2-Trichloroethane	97		97		70-130	0		30
Tetrachloroethene	112		107		70-130	5		30
Chlorobenzene	99		97		70-130	2		30
Trichlorofluoromethane	113		112		70-139	1		30
1,2-Dichloroethane	92		95		70-130	3		30
1,1,1-Trichloroethane	112		111		70-130	1		30
Bromodichloromethane	104		103		70-130	1		30
trans-1,3-Dichloropropene	101		100		70-130	1		30
cis-1,3-Dichloropropene	106		105		70-130	1		30
Bromoform	103		99		70-130	4		30
1,1,2,2-Tetrachloroethane	92		89		70-130	3		30
Benzene	102		100		70-130	2		30
Toluene	99		97		70-130	2		30
Ethylbenzene	102		100		70-130	2		30
Chloromethane	79		80		52-130	1		30
Bromomethane	113		110		57-147	3		30
Vinyl chloride	102		100		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1257413-3 WG1257413-4								
Chloroethane	111		109		50-151	2		30
1,1-Dichloroethene	107		107		65-135	0		30
trans-1,2-Dichloroethene	106		104		70-130	2		30
Trichloroethene	108		106		70-130	2		30
1,2-Dichlorobenzene	99		97		70-130	2		30
1,3-Dichlorobenzene	102		100		70-130	2		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	95		96		66-130	1		30
p/m-Xylene	104		103		70-130	1		30
o-Xylene	104		102		70-130	2		30
cis-1,2-Dichloroethene	104		104		70-130	0		30
Styrene	104		103		70-130	1		30
Dichlorodifluoromethane	96		94		30-146	2		30
Acetone	73		67		54-140	9		30
Carbon disulfide	102		99		59-130	3		30
2-Butanone	78		79		70-130	1		30
4-Methyl-2-pentanone	84		81		70-130	4		30
2-Hexanone	72		71		70-130	1		30
Bromochloromethane	108		105		70-130	3		30
1,2-Dibromoethane	98		100		70-130	2		30
n-Butylbenzene	107		103		70-130	4		30
sec-Butylbenzene	106		103		70-130	3		30
tert-Butylbenzene	105		103		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1257413-3 WG1257413-4								
1,2-Dibromo-3-chloropropane	86		89		68-130	3		30
Isopropylbenzene	106		103		70-130	3		30
p-Isopropyltoluene	107		104		70-130	3		30
Naphthalene	96		94		70-130	2		30
n-Propylbenzene	104		101		70-130	3		30
1,2,3-Trichlorobenzene	101		98		70-130	3		30
1,2,4-Trichlorobenzene	107		105		70-130	2		30
1,3,5-Trimethylbenzene	106		103		70-130	3		30
1,2,4-Trimethylbenzene	104		102		70-130	2		30
Methyl Acetate	79		79		51-146	0		30
Cyclohexane	101		99		59-142	2		30
1,4-Dioxane	97		98		65-136	1		30
Freon-113	109		106		50-139	3		30
Methyl cyclohexane	110		111		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	99		95		70-130
Dibromofluoromethane	101		102		70-130

PETROLEUM HYDROCARBONS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

SAMPLE RESULTS

Lab ID: L1929113-01 D
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 07/05/19 14:09
Analyst: BAD
Percent Solids: 82%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	570000		ug/kg	540000	10000	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	97		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

SAMPLE RESULTS

Lab ID: L1929113-01 D
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 07/10/19 08:06
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/08/19 20:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	6000000		ug/kg	790000	44000	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	101		40-140

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 07/05/19 09:08
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01 Batch: WG1257442-4					
Gasoline Range Organics	1100	J	ug/kg	2500	48.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	93		70-130

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 07/10/19 06:29
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/08/19 20:49

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 01 Batch: WG1257995-1					
DRO (C10-C28)	ND		ug/kg	31000	1700

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	67		40-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 Batch: WG1257442-2 WG1257442-3								
Gasoline Range Organics	93		99		80-120	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	98		103		70-130
4-Bromofluorobenzene	101		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 01 Batch: WG1257995-2								
DRO (C10-C28)	114		-		60-140	-		

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	86				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929113

Report Date: 07/12/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1257442-6 QC Sample: L1929113-01 Client ID: SP01-190702-1530												
Gasoline Range Organics	570000	4340000	4700000	96		-	-		80-120	-		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95				70-130
4-Bromofluorobenzene	105				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1257442-5 QC Sample: L1929113-01 Client ID: SP01-190702-1530						
Gasoline Range Organics	570000	660000	ug/kg	14		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		91		70-130
4-Bromofluorobenzene	97		102		70-130

PCBS

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

SAMPLE RESULTS

Lab ID: L1929113-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/09/19 07:20
Analyst: KB
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 07/07/19 09:12
Cleanup Method: EPA 3665A
Cleanup Date: 07/08/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.0	3.55	1	A
Aroclor 1221	ND		ug/kg	40.0	4.01	1	A
Aroclor 1232	ND		ug/kg	40.0	8.48	1	A
Aroclor 1242	ND		ug/kg	40.0	5.39	1	A
Aroclor 1248	ND		ug/kg	40.0	6.00	1	A
Aroclor 1254	ND		ug/kg	40.0	4.38	1	A
Aroclor 1260	ND		ug/kg	40.0	7.39	1	A
Aroclor 1262	ND		ug/kg	40.0	5.08	1	A
Aroclor 1268	ND		ug/kg	40.0	4.14	1	A
PCBs, Total	ND		ug/kg	40.0	3.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/08/19 21:06
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/06/19 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 07/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/08/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1256776-1						
Aroclor 1016	ND		ug/kg	32.2	2.86	A
Aroclor 1221	ND		ug/kg	32.2	3.23	A
Aroclor 1232	ND		ug/kg	32.2	6.83	A
Aroclor 1242	ND		ug/kg	32.2	4.34	A
Aroclor 1248	ND		ug/kg	32.2	4.84	A
Aroclor 1254	ND		ug/kg	32.2	3.53	A
Aroclor 1260	ND		ug/kg	32.2	5.96	A
Aroclor 1262	ND		ug/kg	32.2	4.09	A
Aroclor 1268	ND		ug/kg	32.2	3.34	A
PCBs, Total	ND		ug/kg	32.2	2.86	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

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: WG1256776-2 WG1256776-3									
Aroclor 1016	79		91		40-140	14		50	A
Aroclor 1260	55		64		40-140	15		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		95		30-150	A
Decachlorobiphenyl	62		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		89		30-150	B
Decachlorobiphenyl	80		93		30-150	B

PESTICIDES

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

SAMPLE RESULTS

Lab ID: L1929113-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/11/19 15:59
Analyst: BM
Percent Solids: 82%
TCLP/SPLP Ext. Date: 07/09/19 00:40

Extraction Method: EPA 3510C
Extraction Date: 07/10/19 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	128		30-150	A
Decachlorobiphenyl	**155**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

SAMPLE RESULTS

Lab ID: L1929113-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/11/19 16:47
Analyst: SL
Percent Solids: 82%
TCLP/SPLP Ext. Date: 07/09/19 22:18
Methylation Date: 07/11/19 07:50

Extraction Method: EPA 8151A
Extraction Date: 07/10/19 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	57		30-150	B

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/11/19 15:51
Analyst: SL
TCLP/SPLP Extraction Date: 07/09/19 22:18
Methylation Date: 07/11/19 07:50

Extraction Method: EPA 8151A
Extraction Date: 07/10/19 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1258284-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	69		30-150	A
DCAA	58		30-150	B

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/19 15:24
Analyst: BM
TCLP/SPLP Extraction Date: 07/09/19 00:40

Extraction Method: EPA 3510C
Extraction Date: 07/10/19 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1258294-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	83		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1258284-2 WG1258284-3									
2,4-D	103		101		30-150	2		25	A
2,4,5-TP (Silvex)	62		54		30-150	14		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	61		49		30-150	A
DCAA	49		41		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1258294-2 WG1258294-3									
Lindane	115		108		30-150	6		20	A
Heptachlor	100		95		30-150	5		20	A
Heptachlor epoxide	98		96		30-150	3		20	A
Endrin	114		110		30-150	4		20	A
Methoxychlor	90		87		30-150	3		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		107		30-150	A
Decachlorobiphenyl	117		113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		84		30-150	B
Decachlorobiphenyl	84		80		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name:	LOT 3A IRM	**Lab Number:**	L1929113
Project Number:	127887-007	**Report Date:**	07/12/19

SAMPLE RESULTS

Lab ID:	L1929113-01	Date Collected:	07/02/19 15:30
Client ID:	SP01-190702-1530	Date Received:	07/02/19
Sample Location:	ROME, NY	Field Prep:	Not Specified
Sample Depth:			
Matrix:	Soil		

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Damp Soil
Particle Size:	Fine
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	07/08/19 04:25	1,1030	GD

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

SAMPLE RESULTS

Lab ID: L1929113-01
Client ID: SP01-190702-1530
Sample Location: ROME, NY

Date Collected: 07/02/19 15:30
Date Received: 07/02/19
Field Prep: Not Specified

Sample Depth:
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	-	07/03/19 07:47	121,2540G	CG
Cyanide, Total	ND		mg/kg	1.2	0.26	1	07/08/19 11:45	07/08/19 15:03	1,9010C/9012B	LH
pH (H)	8.0		SU	-	NA	1	-	07/03/19 17:19	1,9045D	AS
Flash Point	>150		deg F	70	NA	1	-	07/09/19 16:35	1,1010A	AG
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/08/19 02:15	07/08/19 03:28	125,7.3	KF
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/08/19 02:15	07/08/19 03:22	125,7.3	KF
Paint Filter Liquid	NEGATIVE		-	0	NA	1	-	07/08/19 18:03	1,9095B	AS

Project Name: LOT 3A IRM **Lab Number:** L1929113

Project Number: 127887-007 **Report Date:** 07/12/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1256830-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	07/08/19 11:45	07/08/19 14:46	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1256885-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/08/19 02:15	07/08/19 03:21	125,7.3	KF
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1256886-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/08/19 02:15	07/08/19 03:27	125,7.3	KF

Lab Control Sample Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1256416-1								
pH	99		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1256830-2 WG1256830-3								
Cyanide, Total	**76**	Q	**73**	Q	80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1256885-2								
Sulfide, Reactive	87		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1256886-2								
Cyanide, Reactive	95		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1257662-1								
Flash Point	100		-		96-104	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256830-4 WG1256830-5 QC Sample: L1929113-01 Client ID: SP01-190702-1530												
Cyanide, Total	ND	11	9.6	85		11	97		75-125	14		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: LOT 3A IRM

Project Number: 127887-007

Lab Number: L1929113

Report Date: 07/12/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256109-1 QC Sample: L1928941-01 Client ID: DUP Sample						
Solids, Total	83.0	80.8	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256416-2 QC Sample: L1929167-01 Client ID: DUP Sample						
pH	7.3	7.4	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256885-3 QC Sample: L1929346-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1256886-3 QC Sample: L1929346-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1257662-2 QC Sample: L1929044-01 Client ID: DUP Sample						
Flash Point	<70	<70	deg F	NC		

Project Name: LOT 3A IRM
Project Number: 127887-007

Lab Number: L1929113
Report Date: 07/12/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929113-01A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW-R2(14)
L1929113-01B	Vial water preserved	A	NA		4.3	Y	Absent	03-JUL-19 13:41	NYTCL-8260HLW-R2(14)
L1929113-01C	Vial water preserved	A	NA		4.3	Y	Absent	03-JUL-19 13:41	NYTCL-8260HLW-R2(14)
L1929113-01D	Vial MeOH preserved	A	NA		4.3	Y	Absent		TPH-GRO(14)
L1929113-01E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L1929113-01F	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TCN-9010(14),FLASH(),TPH-DRO(14),PH-9045(1),PAINTF(),NYTCL-8082(14),REACTCN(14)
L1929113-01G	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		SUB-PERCENT-SULFUR(180),SUB-BTU()
L1929113-01H	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TCN-9010(14),FLASH(),TPH-DRO(14),PH-9045(1),PAINTF(),NYTCL-8082(14),REACTCN(14)
L1929113-01W	Amber 1000ml unpreserved Extracts	A	NA		4.3	Y	Absent		HERB-TCLP*(14),PEST-TCLP*(14)
L1929113-01X9	Tumble Vessel	A	NA		4.3	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	LOT 3A IRM	**Lab Number:**	L1929113
Project Number:	127887-007	**Report Date:**	07/12/19

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	LOT 3A IRM	**Lab Number:**	L1929113
Project Number:	127887-007	**Report Date:**	07/12/19

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

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 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.

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).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name: LOT 3A IRM **Lab Number:** L1929113
Project Number: 127887-007 **Report Date:** 07/12/19

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.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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, SM4500Cl-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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/3/19

ALPHA Job #: L1929113

H&A Information

H&A Client: H&A of New York
H&A Address: 200 Town Centre Dr. Ste. 2
Rochester, NY 14623
H&A Phone: 585-321-4219
H&A Fax:
H&A Email: cmondello&haleyaldrich.com

Project Information

Project Name: Lot 3A IRM
Project Location: Rome, NY
Project #: 127887-007
(Use Project name as Project #) ☐
Project Manager: C. Mondello
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ Email ☐ Fax
☐ EQuIS (1 File) ☑ EQuIS (4 File)
☐ Other:

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☑ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Note 1: TCLP Herbicides, TCLP Pesticides, BTU, Reactivity, pH/corrosivity, Paint Filter, Flash Point, Ignitability

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	TCL VOCs	TPH GRO	TPH DRO	PCBs (8082)	Total Solids	%Sulfur	Total Cyanide	See Note 1	Sample Specific Comments	Total Bottles
29113 -01	SP01-190702-1530	7/2/2019	1530	S	DMN	-	x	x	x	x	x	x	x	x	N	
Container Type							V	V	A	A	P	A	A	A		
Preservative							F	F	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
	7/2/19 1620		7/3/19 1600
	7/3/19 1600		7/3/19 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

Sterling Analytical, Inc.
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email-madhu@sterlinganalytical.com

Visit our website: www.sterlinganalytical.com

Mass Certification - MA-00071
Conn Certification - PH-0520

Report Date July 12, 2019

Customer	Contact	Laboratory Supervisor	eMail
Alpha Analytical Lab	K. Raymond	Madhu Shah	customerservice@sterlinganalytical.com

Sample Description
Analysis of Solid Sample

Samples Analyzed

Enclosed are Report No(s): 67347

Reported on dry basis.

Thank you for your business

madhu shah

Madhu Shah, Laboratory Supervisor

7/12/2019

Date

ALL the information contained in this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method.
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Visit our website: www.sterlinganalytical.com

Sample Analysis

Work Order 19-0780

Sample	Description	Source	Taken/Time	Received
67347	L1929113 SP01-190702-1530	Alpha Analytical Lab	7/2/19	7/8/19

Parameter		Results	RDL	Method	Analyzed/Time	Tech
BTU/Lb	Less Than	500	500.00	ASTM D5865	07/11/19	sjr
Sulfur, %	Less Than	0.10	0.10	ASTM D4239	07/11/19	sjr

(1) MA & CT do not certify this parameter

Sterling Analytical, Inc.

Soil Disposal Documentation

19-0120

Ticket # 2765186

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 8:03 AM TIME OUT: 8:12 AM

CSRLF Contaminated Soil to RLF 18.33 tn

Gross: **65,740 Lbs** Tare : **29,080 Lbs** Net: **36,660 Lbs**

Scale: 5 Scale: 5 **18.33 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 8:02 AM
TICKET AMOUNT

Pete

CS/0719-09 **/630** Pete

WEIGHTMASTER: PATTY
Thanks

TRK PETE (I)
630

(1)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			18.33	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Bovenzi
Signature: MTS
Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
T# 2765187

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
OHSWA RLF
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 7 Day 22 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

190120 DB
600/643

Ticket # 2765255

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 8:58 AM TIME OUT: 9:10 AM

CSRLF Contaminated Soil to RLF 31.44 tn

Gross: **104,180...** Tare : **41,300 Lbs** Net: **62,880 Lbs**
Scale: 5 Scale: 5 **31.44 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 8:57 AM
TICKET AMOUNT

CS/0719-09/600

WEIGHTMASTER: PATTY
Thanks

1 2

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 17246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			31.44	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Blockway — Signature — Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

2765255

Printed/Typed Name: R Carpenter — Signature — Date: Month 7 Day 22 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2765256

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 8:59 AM TIME OUT: 9:07 AM

CSRLF Contaminated Soil to RLF 19.64 tn

Gross: **68,160 Lbs** Tare : **28,880 Lbs** Net: **39,280 Lbs**

Scale: 5 Scale: 5 **19.64 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 8:59 AM
TICKET AMOUNT

CS/0719-09 # 154

WEIGHTMASTER PATTY
Thanks

2

3

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 154
8. US EPA ID Number
C. State Transporter's ID: GR02 MD
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			19.64	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Edwards
Signature
Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
27652.56

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Dcarpenter
Signature: Dcarpenter
Date: Month 7 Day 22 Year 19

NON-HAZARDOUS WASTE

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		10-0120
850 228-9421	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee FL 32312	5900 Success Drive; Lot 5A Rome NY
Paragon Environmental Construction, Inc.	NYR 000119289	7A-16 (315) 699-0840
151		
Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309		(315) 942-5860

Non-RCRA, Non-DOT Regulated Material	1	DT	65.4 20 19.34

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

a) L

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

OTEran as Agent for GENT		7 22 19
Dana Edwards		7/22/19
8/16/25		

Ticket # 2765262

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 9:02 AM TIME OUT: 9:14 AM

CSRLF Contaminated Soil to RLF 35.62 tn

Gross: **116,700...** Tare : **45,460 Lbs** Net: **71,240 Lbs**

Scale: 5 Scale: 5 **35.62 tn**

Route: Truck
Profile Number: **CS071909**
Date: 7/22/2019 Time. 9:02 AM
TICKET AMOUNT

CS/0719-09 # 192

WEIGHTMASTER: PATTY
Thanks

3 4

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30 35.62 ~~36.62~~	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brayden DiSante | Signature | Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

27.05262

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: D. Carpenter | Signature: D. Carpenter | Date: Month 7 Day 22 Year 19

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19-0120

Ticket # 2765308

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 9:40 AM TIME OUT: 9:51 AM

CSRLF Contaminated Soil to RLF 19 45 tn

Gross: **68,280 Lbs** Tare : **29,380 Lbs** Net: **38,900 Lbs**

Scale: 5 Scale: 5 **19.45 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 9:40 AM
TICKET AMOUNT

CS/0719-06 # 630

WEIGHTMASTER: PATTY

Thanks

1 TRUL 630 Pete (2) 5

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			19.45	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Barwin
Signature
Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
2765308

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature
Date: Month 7 Day 22 Year 19

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

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190120 DB 603/643

Ticket # 2765383

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID. **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 10:44 AM TIME OUT: 10:58 AM

CSRLF Contaminated Soil to RLF 27.89 tn

Gross: **97,500 Lbs** Tare : **41,720 Lbs** Net: **55,780 Lbs**
Scale: 5 Scale: 5 **27.89 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 10:44 AM
TICKET AMOUNT

CS/0719-09/600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 17246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30 2789	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway

Signature

Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2765383

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: D Carpenter

Signature

Date: Month 7 Day 22 Year 19

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Ticket # 2765400

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 11:01 AM TIME OUT: 11:09 AM

CSRLF Contaminated Soil to RLF 23.79 tn

Gross: **76,460 Lbs** Tare : **28,880 Lbs** Net: **47,580 Lbs**

Scale: 5 Scale: 5 **23.79 tn**

Route: Truck:
Profile Number. **CS071909**
Date. 7/22/2019 Time: 11:00 AM
TICKET AMOUNT

CS/0719-09/ /154

WEIGHTMASTER. PATTY

Thanks

2 8

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 154
8. US EPA ID Number
C. State Transporter's ID: 61802MM
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20 23.79 ~~29~~.79	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Edwards
Signature
Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2765400

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Rcarpenter
Signature: Rcarpenter
Date: Month 7 Day 22 Year 19

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Ticket # 2765403

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 11:03 AM TIME OUT: 11:13 AM

CSRLF Contaminated Soil to RLF 30.21 tn

Gross: **105,960...** Tare : **45,540 Lbs** Net: **60,420 Lbs**
Scale: 5 Scale: 5 **30.21 tn**

Route: Truck
Profile Number: **CS071909**
Date: 7/22/2019 Time: 11:02 AM
TICKET AMOUNT

CS/0719-09/192

WEIGHTMASTER: PATTY
Thanks

7

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			30.21	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CO Brown as Agent for GEMT
Signature
Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Dickens
Signature
Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2765403

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 7 Day 22 Year 19

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PRINTED WITH SOY INK

19-0120

Ticket # 2765432

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 11:26 AM TIME OUT: 11:37 AM

CSRLF Contaminated Soil to RLF 22.56 tn

Gross: **74,580 Lbs** Tare : **29,460 Lbs** Net: **45,120 Lbs**

Scale: 5 Scale: 5 **22.56 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 11:25 AM
TICKET AMOUNT

CS/0719-09/630 Pete

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 20	T
b.			22.56	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete Bavenzf | Signature | Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2765432

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pat Carpenter | Signature | Date: Month 7 Day 22 Year 19

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Ticket # 2765524

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 12:47 PM TIME OUT: 12:55 PM

CSRLF Contaminated Soil to RLF 23.07 tn

Gross: **75,120 Lbs** Tare : **28,980 Lbs** Net: **46,140 Lbs**
Scale: 5 Scale: 5 **23.07 tn**

Route: Truck
Profile Number: **CS071909**
Date: 7/22/2019 Time: 12:47 PM
TICKET AMOUNT

CS/0719-09 # 154

WEIGHTMASTER PATTY

Thanks

1

10

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 154
8. US EPA ID Number
C. State Transporter's ID: 61802 MN
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est. 20	T
b.			2307	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Edwards
Signature
Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
2765524

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Rapenter
Signature: Rapenter
Date: Month 7 Day 22 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2766537

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 1:02 PM TIME OUT: 1:18 PM

CSRLF Contaminated Soil to RLF 28.78 tn

Gross: **103,300...** Tare : **45,740 Lbs** Net: **57,560 Lbs**

Scale: 5 Scale: 5 **28.78 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 1:01 PM
TICKET AMOUNT

CS0719-09/192

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

11

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

4. Generator's Phone (850) 228-9421

5900 Success Drive; Lot 3A

Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			28.78	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature: [signature]

Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon D Jenk

Signature: [signature]

Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2765537

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pat Carpenter

Signature: Pat Carpenter

Date: Month 7 Day 22 Year 19

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19020

Ticket # 2765547

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 1:08 PM TIME OUT: 1:20 PM

CSRLF Contaminated Soil to RLF 23.45 tn

Gross: **75,720 Lbs** Tare : **28,820 Lbs** Net: **46,900 Lbs**

Scale: 5 Scale: 5 **23.45 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 1:08 PM
TICKET AMOUNT

CS/0719-09 /630

WEIGHTMASTER: PATTY

Thanks

TRX 630 Etc (4)

12

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive; Lot 3A Rome NY	
4. Generator's Phone (850) 228-9421			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516 B. Transporter 1 Phone: (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone: (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			23.45	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete Breuze | Signature | Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2765547

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name | Signature | Date: Month 7 Day 22 Year 19

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Ticket # 2765597

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 2:17 PM TIME OUT: 2:36 PM

CSRLF Contaminated Soil to RLF 22.59 tn

Gross: **73,780 Lbs** Tare : **28,600 Lbs** Net: **45,180 Lbs**

Scale: 5 Scale: 5 **22.59 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 2:16 PM
TICKET AMOUNT

CS/0719-09/ 154

WEIGHTMASTER: PATTY
Thanks

1 13

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 154
8. US EPA ID Number
C. State Transporter's ID: 61802MN
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			2259	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Edwards
Signature
Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2765597

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Rauperder
Signature: Rauperder
Date: Month 7 Day 22 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2765621

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 2:41 PM TIME OUT: 2:50 PM

CSRLF Contaminated Soil to RLF 35.41 tn

Gross: **116,700...** Tare : **45,880 Lbs** Net: **70,820 Lbs**
Scale: 5 Scale: 5 **35.41 tn**

Route: Truck:
Profile Number **CS071909**
Date: 7/22/2019 Time: 2:41 PM
TICKET AMOUNT

CS0719-09/192

WEIGHTMASTER PATTY
Thanks

1 14

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			35.41	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Disorde
Signature: Brandon Disorde
Date: Month 7 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
27656021

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Rampenter
Signature: Rampenter
Date: Month 7 Day 22 Year 19

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19-0120

Ticket # 2765628

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 7/22/2019
TIME IN: 2:46 PM TIME OUT: 2:54 PM

CSRLF Contaminated Soil to RLF 16.99 tn

Gross: **62,920 Lbs** Tare : **28,940 Lbs** Net: **33,980 Lbs**
Scale: 5 Scale: 5 **16.99 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/22/2019 Time: 2:45 PM
TICKET AMOUNT

Rex-630

CS/0719-09 /630

WEIGHTMASTER: PATTY
Thanks

TRK 650 Pete (5) 15

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

2

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address 4. Generator's Phone (850 228-9421)	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive; Lot 3A Rome NY	
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			16.99	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
CJ Brown as Agent for GEMT	[signature]	7	22	19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Pete Brown	[signature]	7	22	19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

2765628

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
[signature]	[signature]	7	22	19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190120 DB
600/643

Ticket # 2766771

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID. **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/23/2019
TIME IN: 7:42 AM TIME OUT: 7:54 AM

CSRLF Contaminated Soil to RLF 30.75 tn

Gross: **103,600...** Tare : **42,100 Lbs** Net: **61,500 Lbs**

Scale: 5 Scale: 5 **30.75 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/23/2019 Time: 7:41 AM
TICKET AMOUNT

CS/0719-09 # 600

WEIGHTMASTER: PATTY
Thanks

16

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 172461MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			30.75	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 7 Day 23 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway — Signature — Date: Month 7 Day 23 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 2765771

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name — Signature — Date: Month 7 Day 23 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2766820

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5064 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/23/2019
TIME IN: 8:32 AM TIME OUT: 8:57 AM

CSRLF Contaminated Soil to RLF 30.61 tn

Gross: **106,800...** Tare : **45,580 Lbs** Net: **61,220 Lbs**

Scale: 5 Scale: 5 **30.61 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/23/2019 Time: 8:32 AM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: PATTY
Thanks

17

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			50.61	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 23 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Dionne
Signature: Brandon Dionne
Date: Month 7 Day 23 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2765820

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 7 Day 23 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

190120 DB 600/643

Ticket # 2765874

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/23/2019
TIME IN: 9:32 AM TIME OUT: 9:53 AM

CSRLF Contaminated Soil to RLF 23.55 tn

Gross: **88,620 Lbs** Tare : **41,520 Lbs** Net: **47,100 Lbs**

Scale: 5 Scale: 5 **23.55 tn**

Route: Truck:
Profile Number: **CS071809**
Date: 7/23/2019 Time: 9:32 AM
TICKET AMOUNT

CS/0719-09/600

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

4. Generator's Phone (850) 228-9421

5900 Success Drive; Lot 3A

Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number:

C. State Transporter's ID: 17246MB

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	580. 30	T
b.			23.55	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GOMT | Signature: [signature] | Date: Month 7 Day 23 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: David Brockway | Signature: [signature] | Date: Month 7 Day 23 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Date: Month Day Year

19. Discrepancy Indication Space

2756874

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paarpenter | Signature: Paarpenter | Date: Month 7 Day 23 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190120
DB
600/643

Ticket # 2766983

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 7/25/2019

TIME IN: 7:23 AM TIME OUT: 7:37 AM

CSRLF Contaminated Soil to RLF 34.24 tn

Gross: **109,920...** Tare : **41,440 Lbs** Net: **68,480 Lbs**
34.24 tn

Scale: 5 Scale: 5

Route: Truck:

Profile Number: **CS051904**

Date: 7/25/2019 Time: 7:23 AM

TICKET AMOUNT

CS/0519-04

WEIGHTMASTER: RYAN

Thanks

19

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/693
8. US EPA ID Number
C. State Transporter's ID: 1724CMB
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.				
c.				
d. TICKET # 2766983			34.24 TONS	

G. Additional Descriptions for Materials Listed Above
SP-02
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Brockway
Signature
Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Ryan Peach
Signature
Date: Month 7 Day 25 Year 19

NON-HAZARDOUS WASTE

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PRINTED WITH SOY INK

Ticket # 2767034

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 8:22 AM TIME OUT: 8:24 AM

CSRLF Contaminated Soil to RLF 21.36 tn

Gross: **71,600 Lbs** Tare : **28,880 Lbs** Net: **42,720 Lbs**

Scale: ManWght Scale: 5 **21.36 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/25/2019 Time: 8:21 AM
TICKET AMOUNT

Pete
19-0120

CS/0719-09

WEIGHTMASTER: RYAN

Thanks

TRK 630 (7)

20

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.				
c.			21.36 TONS	
d.				

G. Additional Descriptions for Materials Listed Above

SP. 02

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agt for GEMT — Signature — Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete Bonenzi — Signature — Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

267034

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Ryan Peach — Signature — Date: Month 7 Day 25 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2767038

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 8:27 AM TIME OUT: 8:53 AM

CSRLF Contaminated Soil to RLF 36.84 tn

Gross: **119,120...** Tare : **45,440 Lbs** Net: **73,680 Lbs**

Scale: 5 Scale: 5 **36.84 tn**

Route: Truck.
Profile Number: **CS071909**
Date: 7/25/2019 Time: 8:26 AM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: RYAN

Thanks

192 21

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR000158289

A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.				
c.			36.84 TONS	
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP-02
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT
Signature
Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Disanto
Signature
Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2767038

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: RYAN PEACH
Signature
Date: Month 7 Day 25 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

190120DB
600/643

Ticket # 2767088

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 9:03 AM TIME OUT: 9:13 AM

CSRLF Contaminated Soil to RLF 31.77 tn

Gross: **104,840...** Tare : **41,300 Lbs** Net: **63,540 Lbs**
31.77 tn

Scale: 5 Scale: 5

Route: Truck:
Profile Number: **CS071909**
Date: 7/25/2019 Time: 9:03 AM
TICKET AMOUNT

CS0719-09

WEIGHTMASTER: RYAN

Thanks

TK600/643

NON-HAZARDOUS WASTE MANIFEST

22

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643
8. US EPA ID Number

C. State Transporter's ID: 17246MP
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.				
c.			31.77 TONS	
d.				

G. Additional Descriptions for Materials Listed Above
SP02
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT
Signature
Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Mockway
Signature
Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2767088

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.
Printed/Typed Name: Ryan Healy
Signature
Date: Month 7 Day 31 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2767161

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: 1121.1
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 10:10 AM TIME OUT: 10:18 AM

CSRLF Contaminated Soil to RLF 20.08 tn

Gross: 69,000 Lbs Tare : 28,840 Lbs Net: 40,160 Lbs
Scale: 5 Scale: 5 **20.08 tn**

Route: Truck
Profile Number: CS071909
Date 7/25/2019 Time: 10:10 AM
TICKET AMOUNT

Resolved
19-0120

CS0719-09

WEIGHTMASTER: RYAN

Thanks

PK 630 (2)

23

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000118289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.				
c.			20 CETONE	
d.				

G. Additional Descriptions for Materials Listed Above

SP-02

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 7 Day 25 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete Bee

Signature

Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

2767161

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Ryan Reach

Signature

Date: Month 7 Day 25 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST			

Ticket # 2767183

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 10:29 AM TIME OUT: 10:48 AM

CSRLF Contaminated Soil to RLF 33.17 tn

Gross: **111,680...** Tare : **45,340 Lbs** Net: **66,340 Lbs**
Scale: ManWght Scale: 5 **33.17 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/25/2019 Time: 10:29 AM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER. RYAN
Thanks

192 24

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.				
c.			33.1 TONS	
d.				

G. Additional Descriptions for Materials Listed Above

SP02

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature: [signature]
Date: Month 7 Day 25 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Disante
Signature: Brandon Disante
Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

2767183

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: RYAN PEACH
Signature: [signature]
Date: Month 7 Day 25 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190120 DB
600/
K43

Ticket # 2767187

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 10:32 AM TIME OUT: 10:43 AM

CSRLF Contaminated Soil to RLF 30.07 tn

Gross: 101,340... Tare : 41,200 Lbs Net: 60,140 Lbs
Scale: 5 Scale: 5 **30.07 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/25/2019 Time: 10:32 AM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: RYAN
Thanks

NON-HAZARDOUS WASTE MANIFEST

25

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 601/643

8. US EPA ID Number

C. State Transporter's ID: 13246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~55~~ 30	T
b.				
c.			30.07 TONS	
d.				

G. Additional Descriptions for Materials Listed Above: SP02

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway — Signature — Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 2767187

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Ryan Perry — Signature — Date: Month 7 Day 25 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2767300

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 11:55 AM TIME OUT: 12:02 PM

CSRLF Contaminated Soil to RLF 20.59 tn

Gross: **69,960 Lbs** Tare : **28,780 Lbs** Net: **41,180 Lbs**

Scale: 5 Scale: 5 **20.59 tn**

Route: Truck:
Profile Number **CS071909**
Date: 7/25/2019 Time: 11:54 AM
TICKET AMOUNT

19-0120

CS/0719-09

WEIGHTMASTER RYAN
Thanks

TRK 630 (3)

NON-HAZARDOUS WASTE MANIFEST

26

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000115289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: TRK 630

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.				
c.			20.59 TONS	
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP-02

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete Bovenzi | Signature | Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2767300

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Ryan Reich | Signature | Date: Month 7 Day 25 Year 19

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190120 DB
600/643

Ticket # 2767319

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 12:16 PM TIME OUT: 12:28 PM

CSRLF Contaminated Soil to RLF 32.61 tn

Gross: **106,340...** Tare : **41,120 Lbs** Net: **65,220 Lbs**

Scale: 5 Scale: 5 **32.61 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/25/2019 Time: 12:15 PM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: RYAN

Thanks

NON-HAZARDOUS WASTE MANIFEST

27

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.				
c.			32.61 TONS	
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil 3702

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT | Signature | Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Vand Brockway | Signature | Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2767319

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Ryan Perry | Signature | Date: Month 7 Day 25 Year 19

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Ticket # 2767339

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 12:38 PM TIME OUT: 12:50 PM

CSRLF Contaminated Soil to RLF 32.84 tn

Gross: **111,020...** Tare : **45,340 Lbs** Net: **65,680 Lbs**
Scale: 5 Scale: 5 **32.84 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/25/2019 Time: 12:38 PM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: RYAN
Thanks

TK#192

NON-HAZARDOUS WASTE MANIFEST

28

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000161289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material		DT	Est. 30	T
b.				
c.			32.44TONS	
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP02

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DSante

Signature: Brandon DSante

Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

#2767334

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: RYAN PERRY

Signature

Date: Month Day

NON-HAZARDOUS WASTE

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Ticket # 2767411

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 1:41 PM TIME OUT: 1:51 PM

CSRLF Contaminated Soil to RLF 21.97 tn

Gross: **72,680 Lbs** Tare : **28,740 Lbs** Net: **43,940 Lbs**

Scale: 5 Scale: 5 **21.97 tn**

Route: Truck.
Profile Number: **CS071909**
Date: 7/25/2019 Time: 1:41 PM
TICKET AMOUNT

19-0120

CS/0719-09

WEIGHTMASTER: RYAN

Thanks

TRK (530) ④

NON-HAZARDOUS WASTE MANIFEST

29

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

4. Generator's Phone (850 228-9421)

5900 Success Drive, Lot 3A

Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000179289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			21.97	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP02

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete Bon | Signature: Pete Bon | Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

#2767411

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Ryan Perry | Signature | Date: Month 7 Day 25 Year 19

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190120 DD

Ticket # 2767434 600/640

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 1:57 PM TIME OUT: 2:06 PM

CSRLF Contaminated Soil to RLF 32.61 tn

Gross: **106,920...** Tare : **41,700 Lbs** Net: **65,220 Lbs**

Scale: 5 Scale: 5 **32.61 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/25/2019 Time: 1:57 PM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: RYAN
Thanks

NON-HAZARDOUS WASTE MANIFEST

30

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST. 30	T
b.				
c.			32.61 TONS	
d.				

G. Additional Descriptions for Materials Listed Above

SP02

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent fo. GEMT | Signature | Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway | Signature | Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2767434

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Ryan Pence | Signature | Date: Month 7 Day 25 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2767464

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID. **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/25/2019
TIME IN: 2:28 PM TIME OUT: 2:40 PM

CSRLF Contaminated Soil to RLF 35.62 tn

Gross: **116,380...** Tare : **45,140 Lbs** Net: **71,240 Lbs**
Scale: 5 Scale: 5 **35.62 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/25/2019 Time: 2:27 PM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: RYAN
Thanks

192

NON-HAZARDOUS WASTE MANIFEST

31

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.				
c.			33.62 TONS	
d.				

G. Additional Descriptions for Materials Listed Above
SP02
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 25 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DeSante
Signature: Brandon DeSante
Date: Month 7 Day 25 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
H-276746Y

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Ryan Peach
Signature
Date: Month 7 Day 25 Year 19

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Ticket # 2767682

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 7/26/2019

TIME IN: 8:30 AM TIME OUT: 8:44 AM

CSRLF Contaminated Soil to RLF 32.02 tn

Gross: **109,060...** Tare : **45,020 Lbs** Net: **64,040 Lbs**

Scale: 5 Scale: 5 **32.02 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 7/26/2019 Time: 8:30 AM

TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: RYAN

Thanks

633

NON-HAZARDOUS WASTE MANIFEST

32

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 223-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A 516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.				
c.			32.02 TONS	
d.				

G. Additional Descriptions for Materials Listed Above: SP02

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 7 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 7 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: # 2767682

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: RYAN PEACH | Signature | Date: Month 7 Day 26 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2767801

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/26/2019
TIME IN: 10:16 AM TIME OUT: 10:32 AM

CSRLF Contaminated Soil to RLF 40.36 tn

Gross: **125,620...** Tare : **44,900 Lbs** Net: **80,720 Lbs**
Scale: 5 Scale: 5 **40.36 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/26/2019 Time: 10:16 AM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: RYAN
Thanks

633

NON-HAZARDOUS WASTE MANIFEST

33

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A 546

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-6890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 25	T
b.				
c.			40.30 tons	
d.				

G. Additional Descriptions for Materials Listed Above

SP02

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 7 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante

Signature: Brandon DiSante

Date: Month 7 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2767801

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: RYAN TEACH

Signature

Date: Month 7 Day 26 Year 19

NON-HAZARDOUS WASTE

GENERATOR

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Ticket # 2768600

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 7/29/2019

TIME IN: 8:30 AM TIME OUT: 8.46 AM

CSRLF Contaminated Soil to RLF 34.02 tn

Gross: **112,900...** Tare : **44,860 Lbs** Net: **68,040 Lbs**

Scale: 5 Scale: 5 **34.02 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 7/29/2019 Time: 8:30 AM

TICKET AMOUNT

CS071909

WEIGHTMASTER: CL

Thanks

633

34

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address

Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			34.02	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP-03

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 7 Day 29 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante

Signature: Brandon DiSante

Date: Month 7 Day 29 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

BLF Ticket # 2768600

Printed/Typed Name: Christopher Lint / OP Asst

Signature

Date: Month 7 Day 29 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190120 DB

Ticket # 2768674 600/643

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID: 1121.1
TRAILER #
ORDER # : 2019
DATE: 7/29/2019
TIME IN: 9:18 AM TIME OUT: 9:30 AM

CSRLF Contaminated Soil to RLF 34.16 tn

Gross: 109,780... Tare : 41,460 Lbs Net: 68,320 Lbs
Scale: 5 Scale: 5 34.16 tn

Route: Truck:
Profile Number: CS071909
Date: 7/29/2019 Time: 9:17 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL

Thanks

NON-HAZARDOUS WASTE MANIFEST

35

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 17246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~686~~ 30	T
b.			34.16 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP03

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT — Signature — Date: Month 7 Day 29 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: David Brockway — Signature — Date: Month 7 Day 29 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

RCF - Ticket # 2768674

Printed/Typed Name: Christopher Lim / OP Asst — Signature — Date: Month 7 Day 29 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2768759

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/29/2019
TIME IN: 10:22 AM TIME OUT: 10:38 AM

CSRLF Contaminated Soil to RLF 34.63 tn

Gross: **113,420...** Tare **44,160 Lbs** Net: **69,260 Lbs**
34.63 tn
Scale: 5 Scale: 5

Route: Truck:
Profile Number: **CS071909**
Date: 7/29/2019 Time: 10:22 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL
Thanks

633

36

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			34.63	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP03

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT

Signature

Date: Month 7 Day 29 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante

Signature: Brandon DiSante

Date: Month 7 Day 29 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

RLF-ticket # 2768759

Printed/Typed Name: Christopher Lint / Op Asst

Signature

Date: Month 7 Day 29 Year 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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190120 OB
600/643

Ticket # 2768796

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID. **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/29/2019
TIME IN: 10:58 AM TIME OUT: 11:11 AM

CSRLF Contaminated Soil to RLF 30.72 tn

Gross: **102,760...** Tare : **41,320 Lbs** Net: **61,440 Lbs**
Scale: 5 Scale: 5 **30.72 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/29/2019 Time: 10:57 AM
TICKET AMOUNT

Gary

CS071909

WEIGHTMASTER: CL
Thanks

NON-HAZARDOUS WASTE MANIFEST

37 d

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643
8. US EPA ID Number
C. State Transporter's ID: 17296MB
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 30	T
b.			30.72 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP03
a) Contaminated Soil
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 29 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Brockway
Signature
Date: Month 7 Day 29 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
RLF - ticket # 2765796

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lint / Op Asst
Signature
Date: Month 7 Day 29 Year 18

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Ticket # 2768920

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 7/29/2019

TIME IN: 12:27 PM TIME OUT: 12:45 PM

CSRLF Contaminated Soil to RLF 33.95 tn

Gross: **111,880...** Tare : **43,980 Lbs** Net: **67,900 Lbs**

Scale: 5 Scale: 5 **33.95 tn**

Route: Truck:

Profile Number:

Date: 7/29/2019 Time: 12.27 PM

TICKET AMOUNT

CS071909

WEIGHTMASTER: CL

Thanks

633

NON-HAZARDOUS WASTE MANIFEST

38

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material		DT	EST 30	T
b.			33.95 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP03
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: C BROWN AS AGENT FOR GEMT
Signature
Date: Month 7 Day 29 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSanto
Signature: Brandon DiSanto
Date: Month 7 Day 29 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
RLF-Ticket # 2168920
Printed/Typed Name: Christopher Lint / OPAsst
Signature
Date: Month 7 Day 29 Year 19

NON-HAZARDOUS WASTE

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190120 DB
600/643

Ticket # 2768947

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/29/2019
TIME IN: 12:50 PM TIME OUT: 12:54 PM

CSRLF Contaminated Soil to RLF 29.3 tn

Gross: **99,820 Lbs** Tare : **41,220 Lbs** Net: **58,600 Lbs**

Scale: ManWght Scale: 5 **29.30 tn**

Route: Truck:
Profile Number **CS071909**
Date: 7/29/2019 Time 12:50 PM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL

Thanks

NON-HAZARDOUS WASTE MANIFEST

39

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643
8. US EPA ID Number
C. State Transporter's ID: 17246MB
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 30	T
b.			29.30 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP03
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 29 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Brookway
Signature
Date: Month 7 Day 29 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
B&F - ticket # 2768947

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher List
Signature
Date: Month 7 Day 29 Year 19

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PRINTED WITH SOY INK

Ticket # 2769067

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/29/2019
TIME IN: 2:24 PM TIME OUT: 2:42 PM

CSRLF Contaminated Soil to RLF 34.24 tn

Gross: 112,400... Tare : 43,920 Lbs Net: 68,480 Lbs
Scale: 5 Scale: 5 **34.24 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/29/2019 Time 2:24 PM
TICKET AMOUNT

Brandon DiSalvo

CS071909

WEIGHTMASTER: CL
Thanks

633

NON-HAZARDOUS WASTE MANIFEST

40

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			34.24 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP03

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 29 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DeSante
Signature
Date: Month 7 Day 29 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
RLF Ticket # 2169061
Printed/Typed Name: Christopher Lint
Signature
Date: Month 7 Day 29 Year 19

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

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PRINTED WITH SOY INK

Ticket # 2769341

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/30/2019
TIME IN: 8:43 AM TIME OUT: 9:01 AM

CSRLF Contaminated Soil to RLF 32.72 tn

Gross: **110,500...** Tare : **45,060 Lbs** Net: **65,440 Lbs**
Scale: 5 Scale: 5 **32.72 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/30/2019 Time: 8:43 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL
Thanks

633

41

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			32.72 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP03

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 7 Day 30 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante

Signature: Brandon DiSante

Date: Month 7 Day 30 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

RLF ticket # 2769341

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Christopher Lint / Asst

Signature

Date: Month Day Year

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Ticket # 2769459

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID. **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/30/2019
TIME IN: 10:26 AM TIME OUT: 10:46 AM

CSRLF Contaminated Soil to RLF 31.86 tn

Gross: **109,140...** Tare : **45,420 Lbs** Net: **63,720 Lbs**
Scale: 5 Scale: 5 **31.86 tn**

Route: Truck:
Profile Number **CS071909**
Date: 7/30/2019 Time 10:26 AM
TICKET AMOUNT

CD071909

WEIGHTMASTER CL
Thanks

633

42

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			31.86 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP03

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT | Signature | Date: Month 7 Day 30 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 7 Day 30 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

RLF - ticket # 2769459

Printed/Typed Name: Christopher Lint / Op Asst | Signature | Date: Month 7 Day 30 Year 19

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Ticket # 2769628

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 7/30/2019

TIME IN: 12:37 PM TIME OUT: 12:52 PM

CSRLF Contaminated Soil to RLF 18.5 tn

Gross: **64,760 Lbs** Tare : **27,760 Lbs** Net: **37,000 Lbs**

Scale. 5 Scale: 5 **18.50 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 7/30/2019 Time: 12:37 PM

TICKET AMOUNT

CS071909

WEIGHTMASTER: CL

Thanks

131 44

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	SSI 20	T
b.			18.50 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP03
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 30 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald Guthrie
Signature
Date: Month 7 Day 30 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
RDF - Ticket # 2769628
Printed/Typed Name: Christopher Lint / Op Asst
Signature
Date: Month 7 Day 30 Year 19

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Ticket # 2769631

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # : 2019
DATE: 7/30/2019
TIME IN: 12:40 PM TIME OUT: 1:00 PM

CSRLF Contaminated Soil to RLF 31.51 tn

Gross: **107,580...** Tare : **44,560 Lbs** Net: **63,020 Lbs**
Scale: 5 Scale: 5 **31.51 tn**

Route: Truck:
Profile Number: **CS071909**
Date 7/30/2019 Time 12:40 PM
TICKET AMOUNT

Brendan DiSardo

CS071909

WEIGHTMASTER CL
Thanks

633 43

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			31.51 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP03

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 7 Day 30 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiTante

Signature: Brandon DiTante

Date: Month 7 Day 30 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

BK-ticket # 2769631

Printed/Typed Name: Christopher Lint

Signature

Date: Month 7 Day 30 Year 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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Ticket # 2769777

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/30/2019
TIME IN: 2:34 PM TIME OUT: 2:47 PM

CSRLF Contaminated Soil to RLF 34.05 tn

Gross: 112,820... Tare : 44,720 Lbs Net: 68,100 Lbs
Scale: 5 Scale: 5 **34.05 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/30/2019 Time: 2:33 PM
TICKET AMOUNT

Brandi Dion

CS071909

WEIGHTMASTER. CL
Thanks

633

NON-HAZARDOUS WASTE MANIFEST

45

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			34.05 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP03

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 30 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 7 Day 30 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
RLF ticket # 269777

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
RLF/ticket # 269777
Printed/Typed Name
Signature
Date: Month 7 Day 30 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2769786

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 7/30/2019

TIME IN: 2:39 PM TIME OUT: 2:49 PM

CSRLF Contaminated Soil to RLF 23.38 tn

Gross: **74,580 Lbs** Tare : **27,820 Lbs** Net: **46,760 Lbs**

Scale: 5 Scale: 5 **23.38 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 7/30/2019 Time: 2:39 PM

TICKET AMOUNT

CS071909

WEIGHTMASTER: CL

Thanks

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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312		5900 Success Drive; Lot 3A Rome NY	
4. Generator's Phone (850) 228-9421			
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 20	T
b.			23.38 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP03

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month Day Year
C J Brown as Agent for GEMT	[signature]	7 30 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Yonco Wuthrich	[signature]	7 30 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

FACILITY

19. Discrepancy Indication Space

BLF-ticket # 2769786

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name	Signature	Date Month Day Year
Christopher S. Lint / OP Asst	[signature]	7 30 19

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Ticket # 2770118

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 7/31/2019
TIME IN: 10:28 AM TIME OUT: 10:43 AM

CSRLF Contaminated Soil to RLF 34.33 tn

Gross: 112,540... Tare : 43,880 Lbs Net: 68,660 Lbs
Scale: 5 Scale: 5 **34.33 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/31/2019 Time: 10:28 AM

Brandon DiSanto

CS091909

WEIGHTMASTER: CL

Thanks

NON-HAZARDOUS WASTE MANIFEST

49

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			34.33 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP04

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: C J Brown as Agent for GEMT | Signature | Date: Month 7 Day 31 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

RLF ticket # 277018

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Christopher Lint / OP Asst | Signature | Date: Month 7 Day 31 Year 19

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190120 DB
192/156

(48)

Ticket # 2769964

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/31/2019
TIME IN: 8:28 AM TIME OUT: 8:47 AM

CSRLF Contaminated Soil to RLF 31.22 tn

Gross: **107,920...** Tare : **45,480 Lbs** Net: **62,440 Lbs**

Scale: 5 Scale: 5 **31.22 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/31/2019 Time: 8:28 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL
Thanks

633

NON-HAZARDOUS WASTE MANIFEST

48

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			31.22 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SPG3
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 31 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Branden DiSante
Signature: Branden DiSante
Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
RLF ticket # 2769984

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher List / Ass
Signature
Date: Month 7 Day 31 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

Ticket # 2769984

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: 1121.2
TRAILER #
ORDER # : 2019
DATE: 7/31/2019
TIME IN: 8:42 AM TIME OUT: 9:04 AM

CSRLF Contaminated Soil to RLF	29.7 tn

Gross: 103,400... Tare : 44,000 Lbs Net: 59,400 Lbs

Scale: 5 Scale: 5 **29.70 tn**

Route: Truck:
Profile Number: CS071909
Date: 7/31/2019 Time: 8:42 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL
Thanks

NON-HAZARDOUS WASTE MANIFEST

47

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192/156
8. US EPA ID Number
C. State Transporter's ID: 17246 MB
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			29.70 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP03

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 31 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: P Brockway
Signature
Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
RF - TICKET # 2765

Printed/Typed Name
Signature
Date: Month Day Year

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

190120 DB
192/156

Ticket # 2770106

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/31/2019
TIME IN: 10:13 AM TIME OUT: 10:30 AM

CSRLF Contaminated Soil to RLF 31.9 tn

Gross: **109,140...** Tare : **45,340 Lbs** Net: **63,800 Lbs**

Scale: 5 Scale: 5 **31.90 tn**

Route: Truck:
Profile Number:
Date: 7/31/2019 Time: 10:12 AM
TICKET AMOUNT

WEIGHTMASTER. CL
Thanks

NON-HAZARDOUS WASTE MANIFEST

50

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192/15C
8. US EPA ID Number
C. State Transporter's ID: 17246MB
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			31.90 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP04
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GSMT
Signature
Date: Month 7 Day 31 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Blackway
Signature
Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
BLF-ticket # 2770106

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lint / OP Asst
Signature
Date: Month 7 Day 31 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

190120 DB
#92/156

Ticket # 2770213

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/31/2019
TIME IN: 12:00 PM TIME OUT: 12:16 PM

CSRLF Contaminated Soil to RLF 32.95 tn

Gross: 111,140... Tare : 45,240 Lbs Net: 65,900 Lbs
Scale: 5 Scale: 5 **32.95 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/31/2019 Time: 11.59 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL
Thanks

NON-HAZARDOUS WASTE MANIFEST

51

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192/156
8. US EPA ID Number
C. State Transporter's ID: 17246MB
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			32.95 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP04

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 7 Day 31 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Brockway
Signature
Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
RLG-ticket # 2770213

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lint / Lab Asst
Signature
Date: Month 7 Day 31 Year 19

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PRINTED WITH SOY INK

Ticket # 2770227

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # : 2019
DATE: 7/31/2019
TIME IN: 12:14 PM TIME OUT: 12:32 PM
CSRLF Contaminated Soil to RLF 32.15 tn

Gross: 108,060... Tare : 43,760 Lbs Net: 64,300 Lbs
Scale: 5 Scale: 5 **32.15 tn**

Route: Truck:
Profile Number: CS071909
Date: 7/31/2019 Time: 12:14 PM

CS071909

WEIGHTMASTER. CL
Thanks

633

NON-HAZARDOUS WASTE MANIFEST

52

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			32.15 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP04

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for OCM. | Signature | Date: Month 7 Day 31 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brendan DiSante | Signature: Brendan DiSante | Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

RLF-ticket # 2770227

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: Christopher Lint / OP Asst | Signature | Date: Month 7 Day 31 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK SOYINK

190120 DB
192/69
156

Ticket # 2770338

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/31/2019
TIME IN: 1:47 PM TIME OUT: 1.58 PM

CSRLF Contaminated Soil to RLF 31.23 tn

Gross: **107,580...** Tare : **45,120 Lbs** Net: **62,460 Lbs**
Scale: 5 Scale: 5 **31.23 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 7/31/2019 Time: 1:47 PM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL
Thanks

NON-HAZARDOUS WASTE MANIFEST

53

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192/156

8. US EPA ID Number

C. State Transporter's ID: ~~192~~ 4026JTR

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			31.23 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP04

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 7 Day 31 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway | Signature | Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

RLF - ticket # 2770338

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: Christopher Lint / Op Asst | Signature | Date: Month 7 Day 31 Year 19

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Ticket # 2770366

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 7/31/2019

TIME IN: 2:03 PM TIME OUT: 2:20 PM

CSRLF Contaminated Soil to RLF 35.9 tn

Gross: **115,480...** Tare : **43,680 Lbs** Net: **71,800 Lbs**

Scale: 5 Scale: 5 **35.90 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 7/31/2019 Time: 2:03 PM

TICKET AMOUNT

Bernie Di San

CS071909

WEIGHTMASTER: CL

Thanks

633

54

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			35.90 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP04

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 7 Day 31 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSanza

Signature: Brandon DiSanza

Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

RLF-ticket # 2770366

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Christopher Lint/Op Asst

Signature

Date: Month 7 Day 31 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2770418

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 7/31/2019
TIME IN: 2:51 PM TIME OUT: 2:59 PM

CSRLF Contaminated Soil to RLF 21.3 tn

Gross: **70,360 Lbs** Tare : **27,760 Lbs** Net: **42,600 Lbs**

Scale: 5 Scale: 5 **21.30 tn**

Route: Truck:
Profile Number: **CS071907**
Date: 7/31/2019 Time: 2:51 PM
TICKET AMOUNT

CS071909

WEIGHTMASTER CL
Thanks

NON-HAZARDOUS WASTE MANIFEST

55

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			21.30 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP024

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJBrown as Agent for GEMT | Signature | Date: Month 7 Day 31 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Yonco Celuthrich | Signature | Date: Month 7 Day 31 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

RLF-ticket # 2770418

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Kristopher Lint (operator) | Signature | Date: Month 7 Day 31 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2770609

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/1/2019
TIME IN: 8:16 AM TIME OUT: 8:28 AM

CSRLF Contaminated Soil to RLF	33.98 tn

Gross: 111,900... Tare : 43,940 Lbs Net: 67,960 Lbs
Scale: 5 Scale: 5 **33.98 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/1/2019 Time: 8:16 AM
TICKET AMOUNT

Brandon Diser

CS0781909

WEIGHTMASTER: CL
Thanks

633 56

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT		T
b.			33.98 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SPG4
a) Contaminated Soil
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT
Signature
Date: Month 8 Day 1 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 8 Day 1 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
BLF-ticket # 2770609

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lint / Op Asst
Signature
Date: Month 8 Day 1 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2770712

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/1/2019
TIME IN: 9:56 AM TIME OUT: 10:46 AM

CSRLF Contaminated Soil to RLF 34.07 tn

Gross: **111,940...** Tare : **43,800 Lbs** Net: **68,140 Lbs**
Scale: 5 Scale: 5 **34.07 tn**

Route: Truck:
Profile Number: **CS071909**
Date 8/1/2019 Time 9:56 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL
Thanks

633

NON-HAZARDOUS WASTE MANIFEST

57

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT		T
b.			34.07 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP04
a) Contaminated Soil
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CS Drawcs Agent for GEMT
Signature
Date: Month 8 Day 1 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSente
Signature: Brandon DiSente
Date: Month 8 Day 1 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
BLF-ticket # 277072

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lint / Op Asst
Signature
Date: Month 8 Day 1 Year 19

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		19-0129
Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312		5900 Success Drive, Lot 2A Rome NY
850 228-9421		
Paragon Environmental Construction, Inc.	NYR 000119289	7A-5 (f) (315) 699-0840
Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt 204 Boonville NY 13309		(315) 942-5590

Non-RCRA, Non-DOT Regulated Material		DT	T
		39.07 m	

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

a) L

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

CSTDocs Agent for GEMT		8/1/19
[illegible]	[illegible]	
BLF-ticket # 3770712		
[illegible]		8/1/19

Ticket # 2770829

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5064 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 8/1/2019
TIME IN: 11:41 AM TIME OUT: 11:56 AM

CSRLF Contaminated Soil to RLF 23.84 tn

Gross: **75,460 Lbs** Tare : **27,780 Lbs** Net: **47,680 Lbs**

Scale: 5 Scale: 5 **23.84 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/1/2019 Time: 11:41 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL
Thanks

NON-HAZARDOUS WASTE MANIFEST

58

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~58~~ 20	T
b.			23.84 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SPG4

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 1 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ponco Ewthrich
Signature
Date: Month 8 Day 1 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
RLF - ticket # 2770829

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lint / OP Asst
Signature
Date: Month 8 Day 1 Year 19

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Ticket # 2770887

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/1/2019

TIME IN: 12:36 PM TIME OUT: 12:48 PM

CSRLF Contaminated Soil to RLF 30.45 tn

Gross: **104,620...** Tare : **43,720 Lbs** Net: **60,900 Lbs**

Scale: 5 Scale: 5 **30.45 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/1/2019 Time: 12:35 PM

TICKET AMOUNT

CS071909

WEIGHTMASTER: CL

Thanks

633

NON-HAZARDOUS WASTE MANIFEST

59

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	DST 30	T
b.			30.45 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP04

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 1 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 8 Day 1 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
RLF - ticket # 2770887

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lint Fac Asst
Signature
Date: Month 8 Day 1 Year 19

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Ticket # 2770952

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/1/2019
TIME IN: 1:32 PM TIME OUT: 1:44 PM

CSRLF Contaminated Soil to RLF 22 tn

Gross: **71,700 Lbs** Tare : **27,700 Lbs** Net: **44,000 Lbs**

Scale: 5 Scale: 5 **22.00 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/1/2019 Time: 1:32 PM
TICKET AMOUNT

CS071909

WEIGHTMASTER: CL

Thanks

60

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc.

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

C. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	5 yd.	T
b.			22.00 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP04

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 8 Day 1 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Poncolchthrich

Signature

Date: Month 8 Day 1 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

RLF ticket # 276952

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Christopher Lintlop Asst

Signature

Date: Month 8 Day 1 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2771004

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID. **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/1/2019
TIME IN: 2:09 PM TIME OUT: 2:20 PM

CSRLF Contaminated Soil to RLF 32.53 tn

Gross: **108,760...** Tare : **43,700 Lbs** Net: **65,060 Lbs**

Scale: 5 Scale: 5 **32.53 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/1/2019 Time: 2:09 PM
TICKET AMOUNT

CS071909

WEIGHTMASTER CL
Thanks

633

NON-HAZARDOUS WASTE MANIFEST

61

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~56~~ 30	T
b.			32.53 tn	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP04
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 1 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 8 Day 1 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
RLF-ticket # 277104

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lint Joe Asst
Signature
Date: Month 8 Day 1 Year 19

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Ticket # 2771251

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/2/2019
TIME IN: 8:39 AM TIME OUT: 8:59 AM

CSRLF Contaminated Soil to RLF 28.68 tn

Gross: **101,280...** Tare : **43,920 Lbs** Net: **57,360 Lbs**

Scale: 5 Scale: 5 **28.68 tn**

Route: Truck:
Profile Number **CS071909**
Date: 8/2/2019 Time: 8:39 AM
TICKET AMOUNT

CS071909

WEIGHTMASTER CL

Thanks

633

NON-HAZARDOUS WASTE MANIFEST

62

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP04
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 2 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 8 Day 2 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
BGF ticket # 2771

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Christopher Lintlop Ass
Signature
Date: Month 8 Day 2 Year 19

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Ticket # 2778166

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 6:59 AM TIME OUT: 7:15 AM

CSRLF Contaminated Soil to RLF 23.94 tn

Gross: **76,480 Lbs** Tare : **28,600 Lbs** Net: **47,880 Lbs**
Scale: 5 Scale: 5 **23.94 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/16/2019 Time: 6:56 AM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER. PATTY
Thanks

64

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	68t 20	T
b.			23.94	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP07

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature: [signature]

Date: Month 8 Day 15 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Yonco Wuthrich

Signature: [signature]

Date: Month 8 Day 15 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

278166

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 16 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190120 DB

Ticket # 2778192

Oneida-Herkimer Solid Waste 609/643

Management Authority

1600 Genesee Street

Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID. **1121.2**

TRAILER #

ORDER # : 2019

DATE. 8/16/2019

TIME IN 7:34 AM TIME OUT 7:55 AM

CSRLF Contaminated Soil to RLF 41.57 tn

Gross. **126,160...** Tare **43,020 Lbs** Net **83,140 Lbs**

Scale: 5 Scale: 5 **41.57 tn**

Route: Truck

Profile Number **CS071909**

Date 8/16/2019 Time 7:33 AM

TICKET AMOUNT

CS/0719-09/600

WEIGHTMASTER PATTY

Thanks

2 63

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 660/643
8. US EPA ID Number
C. State Transporter's ID: 1726/GMB
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30 41.57	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP07
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for POMT
Signature
Date: Month 8 Day 15 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Brockway
Signature
Date: Month 8 Day 15 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
2778192
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2778195

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.3**

TRAILER #

ORDER # : 2019

DATE: 8/16/2019

TIME IN: 7:48 AM TIME OUT: 8:04 AM

CSRLF Contaminated Soil to RLF 34.61 tn

Gross: 115,440... Tare : 46,220 Lbs Net: 69,220 Lb

Scale: 5 Scale: 5 **34.61 tn**

Route: Truck:

Profile Number. **CS071909**

Date: 8/16/2019 Time: 7:47 AM

TICKET AMOUNT

3

NON-HAZARDOUS WASTE MANIFEST

65

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number: 192/156
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			34.61	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP07
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Crowe
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778195

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature
Date: Month 8 Day 16 Year 19

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PRINTED WITH SOY INK

19-0120

Ticket # 2778199

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.4**

TRAILER #

ORDER # : 2019

DATE: 8/16/2019

TIME IN: 7:53 AM TIME OUT: 8:13 AM

CSRLF Contaminated Soil to RLF 22.67 tn

Gross: **74,860 Lbs** Tare : **29,520 Lbs** Net: **45,340 Lbs**

Scale: 5 Scale: 5 **22.67 tn**

Route: Truck:

Profile Number:

Date: 8/16/2019 Time: 7:53 AM

TICKET AMOUNT

TRL 630 4

NON-HAZARDOUS WASTE MANIFEST

66

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			22.67	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SPOT
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Bowenzi
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
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Ticket # 2778206

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.5**

TRAILER #

ORDER # : 2019

DATE: 8/16/2019

TIME IN: 8:03 AM TIME OUT: 8:18 AM

CSRLF Contaminated Soil to RLF 25.53 tn

Gross: **82,120 Lbs** Tare : **31,060 Lbs** Net: **51,060 Lbs**

Scale: 5 Scale: 5 **25.53 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/16/2019 Time: 8:02 AM

TICKET AMOUNT

CS/0719-09 # 616

WEIGHTMASTER: PATTY

Thanks

5

NON-HAZARDOUS WASTE MANIFEST

67

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 6116

8. US EPA ID Number

C. State Transporter's ID: 55230 MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			25.53	
c.				
d.				

G. Additional Descriptions for Materials Listed Above: SP07

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte | Signature | Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 2778206

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 8 Day 16 Year 19

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Ticket # 2778219

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.6**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 8:12 AM TIME OUT: 8:24 AM

CSRLF Contaminated Soil to RLF 25.24 tn

Gross: 79,140 Lbs Tare : 28,660 Lbs Net: 50,480 Lbs
Scale: 5 Scale: 5 **25.24 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/16/2019 Time: 8:11 AM
TICKET AMOUNT

CS/0719-09 # 164

WEIGHTMASTER: PATTY

Thanks

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NON-HAZARDOUS WASTE MANIFEST

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Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc. 154

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID 61902 MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			25.24	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP07
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Edwards
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
278219

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

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Ticket # 2778239

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/16/2019

TIME IN: 8:26 AM TIME OUT: 9:06 AM

CSRLF Contaminated Soil to RLF 37.48 tn

Gross: 122,080... Tare : 47,120 Lbs Net: 74,960 Lbs

Scale: 5 Scale: 5 **37.48 tn**

Route: Truck:

Profile Number: CS071909

Date: 8/16/2019 Time: 8:26 AM

TICKET AMOUNT

CS/0719-09 # 633

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

69

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 36	T
b.			37.48	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP07
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778239

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: R Carpenter
Signature: R Carpenter
Date: Month 8 Day 16 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2778265

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # 2019
DATE 8/16/2019
TIME IN 8:42 AM TIME OUT 9:03 AM

CSRLF Contaminated Soil to RLF 24.82 tn

Gross **78,200 Lbs** Tare **28,560 Lbs** Net **49,640 Lbs**
Scale 5 Scale 5 **24.82 tn**

Route Truck
Profile Number **271809**
Date 8/16/2019 Time 8:41 AM
TICKET AMOUNT

CS/0719-09 # 131

WEIGHTMASTER PATTY
Thanks

2

NON-HAZARDOUS WASTE MANIFEST

70

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 131
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	652 20	T
b.			24.82	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP07
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronco Eluthrich
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
278265

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

NON-HAZARDOUS WASTE

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190120 DA
609/643

Ticket # 2778297

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN. 9:17 AM TIME OUT: 9:29 AM

CSRLF Contaminated Soil to RLF 33.99 tn

Gross: 111,000... Tare : 43,020 Lbs Net: 67,980 Lbs
Scale: 5 Scale: 5 **33.99 tn**

Route: Truck:
Profile Number: CS071909
Date: 8/16/2019 Time: 9:17 AM
TICKET AMOUNT

CS/0719-09/600

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

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Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address

Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 17246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			33.99	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP07

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brackway | Signature | Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2778297

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: P Carpenter | Signature: P Carpenter | Date: Month 8 Day 16 Year 19

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19-0120

Ticket # 2778323

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 9:43 AM TIME OUT: 9:58 AM

CSRLF Contaminated Soil to RLF 23.5 tn

Gross: **76,560 Lbs** Tare : **29,560 Lbs** Net: **47,000 Lb**

Scale: 5 Scale: 5 **23.50 tn**

Route: Truck
Profile Number: **CS071809**
Date: 8/16/2019 Time: 9:42 AM
TICKET AMOUNT

CS0719-09 / 630

WEIGHTMASTER: PATTY

Thanks

TML 630 1

NON-HAZARDOUS WASTE MANIFEST

73

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			2350	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP07
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Ben
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778323

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: P Carpenter
Signature: P Carpenter
Date: Month 8 Day 16 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2778324

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 8/16/2019

TIME IN: 9:44 AM TIME OUT: 10:10 AM

CSRLF Contaminated Soil to RLF 37.54 tn

Gross: **121,280...** Tare : **46,200 Lbs** Net: **75,080 Lbs**

Scale: 5 Scale: 5 **37.54 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/16/2019 Time: 9:44 AM

TICKET AMOUNT

CS/0719-09 # 192

WEIGHTMASTER: PATTY

Thanks

2 72

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	056 30	T
b.			37.54	
c.				
d.				

G. Additional Descriptions for Materials Listed Above: SP07

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: BOB CROWE | Signature | Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 2778324

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pompester | Signature: Pompester | Date: Month 8 Day 16 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2778327

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 9:46 AM TIME OUT: 10:04 AM

CSRLF Contaminated Soil to RLF 25.17 tn

Gross: 81,320 Lbs Tare : 30,980 Lbs Net: 50,340 Lbs
Scale: 5 Scale: 5 **25.17 tn**

Route: Truck:
Profile Number: CS071909
Date: 8/16/2019 Time: 9:45 AM
TICKET AMOUNT

CS/0719-09/ 618

WEIGHTMASTER: PATTY

Thanks

3 ~~73~~ 74

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 616
8. US EPA ID Number
C. State Transporter's ID: 55230 MM
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			25.17	
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above
SP07
a) Contaminated Soil
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CS Brown CS Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Ayotte
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778327

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

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Ticket # 2778336

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.4**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 9:52 AM TIME OUT: 10:13 AM

CSRLF Contaminated Soil to RLF 25.03 tn

Gross: 78,640 Lbs Tare : 28,580 Lbs Net: 50,060 Lbs

Scale: 5 Scale: 5 **25.03 tn**

Route: Truck:
Profile Number: CS071909
Date: 8/16/2019 Time: 9:51 AM
TICKET AMOUNT

CS/0719-09 # 154

WEIGHTMASTER: PATTY

Thanks

4

NON-HAZARDOUS WASTE MANIFEST

75

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc. 151

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516
B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID 61807MM
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			25.03	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP07

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature: [signature]
Date: Month 8 Day 16 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Edwards
Signature: [signature]
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

2778336

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2778387

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/16/2019

TIME IN: 10:42 AM TIME OUT: 10:58 AM

CSRLF Contaminated Soil to RLF 36.24 tn

Gross: **118,040...** Tare : **45,560 Lbs** Net: **72,480 Lbs**

Scale: 5 Scale: 5 **36.24 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/16/2019 Time 10:42 AM

TICKET AMOUNT

Brian DiSaro

CS/0719-09 # 633

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

77

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			36.84	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP07
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778387.

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Rcarpenter
Signature: Rcarpenter
Date: Month 8 Day 16 Year 19

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190120 DB

600/643

Ticket # 2778438

Oneida Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.1**
TRAILER #
ORDER # 2019
DATE: 8/16/2019
TIME IN: 11:24 AM TIME OUT 11:35 AM

CSRLF Contaminated Soil to RLF 39.09 tn

Gross **121,400...** Tare **43,220 Lbs** Net **78,180 Lbs**
Scale 5 Scale 5 **39.09 tn**

Route Truck
Profile Number **CS091909**
Date 8/16/2019 Time 11:23 AM
TICKET AMOUNT

CS/0719-09 # 600

WEIGHTMASTER PATTY
Thanks

1 78

NON-HAZARDOUS WASTE MANIFEST

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			39.09	
c.				
d.				

CB

G. Additional Descriptions for Materials Listed Above
~~SP05~~ SP07
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Brockway
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778438

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Paarpenter
Signature: Paarpenter
Date: Month 8 Day 16 Year 19

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19-0120

Ticket # 2778441

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: 1121.2

TRAILER #

ORDER # : 2019

DATE: 8/16/2019

TIME IN: 11:29 AM TIME OUT: 11:39 AM

CSRLF Contaminated Soil to RLF 20.57 tn

Gross: 70,760 Lbs Tare : 29,620 Lbs Net: 41,140 Lbs

Scale: 5 Scale: 5 20.57 tn

Route: Truck:

Profile Number: CS071909

Date: 8/16/2019 Time: 11:28 AM

TICKET AMOUNT

CS/0719-09/630

WEIGHTMASTER: PATTY

Thanks

TRK 630 2

NON-HAZARDOUS WASTE MANIFEST

79

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NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc.

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			20.57	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP05
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT
Signature:
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Peter Dc
Signature:
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
277844 1

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

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Ticket # 2778443

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-8881

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 11:32 AM TIME OUT: 11:41 AM

CSRLF Contaminated Soil to RLF 23.83 tn

Gross: **78,560 Lbs** Tare : **30,900 Lbs** Net: **47,660 Lbs**
Scale: 5 Scale: 5 **23.83 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/16/2019 Time: 11:31 AM
TICKET AMOUNT

CS/07199-09 # 616

WEIGHTMASTER: PATTY
Thanks

3

NON-HAZARDOUS WASTE MANIFEST

80

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NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 616

8. US EPA ID Number:

C. State Transporter's ID: 55230 MM

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			23.83	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP05

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature: [signature]

Date: Month 8 Day 16 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte

Signature: Jim Ayotte

Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Date: Month Day Year

19. Discrepancy Indication Space

2778443

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: [signature]

Signature: [signature]

Date: Month 8 Day 16 Year 19

GENERATOR

TRANSPORTER

FACILITY

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80

5

19-0120	1
Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive, Lot 3A Rome NY
850 228-9421	
Paragon Environmental Construction, Inc.	NYR 000119229
6/6	55230 NM
Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	(315) 942-5890

Non-RCRA, Non-DOT Regulated Material	1	DT	20	T
			23.33	

SPOE

a) Contaminated Soil

Profile Number: OHSWA C50719-00

a) L

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

CTBrown as Agent for GEMT		8/16/19
Jim Ayotte		8/16/19

Ticket # 2778463

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 11:49 AM TIME OUT: 12:04 PM

CSRLF Contaminated Soil to RLF 20.49 tn

Gross: 69,460 Lbs Tare : 28,480 Lbs Net: 40,980 Lbs
Scale: 5 Scale: 5 **20.49 tn**

Route: Truck:
Profile Number: CS071909
Date: 8/16/2019 Time: 11:48 AM
TICKET AMOUNT

CS/0719-09/ 164

WEIGHTMASTER: PATTY
Thanks

1

NON-HAZARDOUS WASTE MANIFEST

82

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc. 154

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID 6190 2MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			20.49	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP05
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Edwards
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778463

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2778476

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 11:59 AM TIME OUT: 12:17 PM

CSRLF Contaminated Soil to RLF 28.61 tn

Gross: **103,300...** Tare : **46,080 Lbs** Net: **57,220 Lbs**
Scale: 5 Scale: 5 **28.61 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/16/2019 Time: 11:58 AM
TICKET AMOUNT

CS/0719-09 #192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

81

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number: 192 156

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			28.61	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP05

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: BOB CROWE

Signature

Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2778476

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paraponler

Signature: Paraponler

Date: Month 8 Day 16 Year 19

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Ticket # 2778501

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 12:24 PM TIME OUT: 12:59 PM

CSRLF Contaminated Soil to RLF 29.85 tn

Gross: **103,440...** Tare : **43,740 Lbs** Net: **59,700 Lbs**
Scale: 5 Scale: 5 **29.85 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/16/2019 Time: 12:23 PM
TICKET AMOUNT

Brandon DiSante

CS0719-09 # 633

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

83

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	Ton
b.			29.85	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP05
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: C Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Pierce
Signature: Brandon Pierce
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778501

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

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Ticket # 2778509

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 12:31 PM TIME OUT: 12:48 PM

CSRLF Contaminated Soil to RLF 24.01 tn

Gross: 76,540 Lbs Tare : 28,520 Lbs Net: 48,020 Lbs
Scale: 5 Scale: 5 **24.01 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/16/2019 Time: 12:31 PM
TICKET AMOUNT

CS/0719-09 # 131

WEIGHTMASTER: PATTY

Thanks

2 76

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 131
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			24.01	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP07
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Fonco Wuthrich
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
2778509

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Prompter
Signature
Date: Month 8 Day 16 Year 19

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

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190120 DB

Ticket # 2778547 600/643

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # 2019
DATE 8/16/2019
TIME IN 1.04 PM TIME OUT 1:39 PM

CSRLF Contaminated Soil to RLF 30 34 tn

Gross **103,500...** Tare **42,820 Lbs** Net **60,680 Lbs**
Scale. 5 Scale 6 **30.34 tn**

Route Truck
Profile Number **CS071909**
Date 8/16/2019 Time 1.03 PM
TICKET AMOUNT

CS/0719--09 # 600

WEIGHTMASTER PATTY

Thanks

2

NON-HAZARDOUS WASTE MANIFEST

84

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc.

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name 601/643

8. US EPA ID Number

C. State Transporter's ID 17246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			30.34	
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above
SP05
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: P Brockway
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2778547

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

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19020

Ticket # 2778568

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # . 2019

DATE 8/16/2019

TIME IN: 1:21 PM TIME OUT 1:47 PM

CSRLF Contaminated Soil to RLF 23.25 tn

Gross: **75,120 Lbs** Tare **28,620 Lbs** Net: **46,500 Lbs**

Scale: 5 Scale: 5 **23.25 tn**

Route Truck:

Profile Number **CS071909**

Date 8/16/2019 Time 1:21 PM

TICKET AMOUNT

CS/0719-09 $ 630

WEIGHTMASTER PATTY

Thanks

TRX 630 1

NON-HAZARDOUS WASTE MANIFEST

85

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			23.25	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP05
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Bar
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
2778568

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

GENERATOR | TRANSPORTER | FACILITY | NON-HAZARDOUS WASTE

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Ticket # 2778572

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**

TRAILER #

ORDER # : 2019

DATE: 8/16/2019

TIME IN: 1:26 PM TIME OUT: 1:37 PM

CSRLF Contaminated Soil to RLF 22.41 tn

Gross: 75,700 Lbs Tare : 30,880 Lbs Net: 44,820 Lbs

Scale: 5 Scale: 5 **22.41 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/16/2019 Time 1:25 PM

TICKET AMOUNT

CS/0719-09/ 616

WEIGHTMASTER: PATTY

Thanks

3

NON-HAZARDOUS WASTE MANIFEST

86

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 616
8. US EPA ID Number
C. State Transporter's ID: 55230 MM
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	536 20	T
b.			22.41	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP05
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Ayotte
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
278572

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature
Date: Month 8 Day 16 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2778624

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 2:10 PM TIME OUT: 2:35 PM

CSRLF Contaminated Soil to RLF 32.75 tn

Gross: 111,520... Tare : 46,020 Lbs Net: 65,500 Lbs
Scale: 5 Scale: 5 **32.75 tn**

Route: Truck:
Profile Number: CS071909
Date: 8/16/2019 Time: 2:10 PM
TICKET AMOUNT

CS/0719-09 # 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

88

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number: 192/156

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			32.75	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP05

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 8 Day 16 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bob Crowe

Signature

Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

2778624

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paraponter

Signature: Paraponter

Date: Month 8 Day 16 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2778626

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**

TRAILER #

ORDER # 2019

DATE 8/16/2019

TIME IN 2 12 PM TIME OUT 2 22 PM

CSRLF Contaminated Soil to RLF 24 38 tn

Gross **77,260 Lbs** Tare **28,500 Lbs** Net **48,760 Lbs**

Scale 5 Scale 5 **24.38 tn**

Route: Truck

Profile Number **CS071909**

Date 8/16/2019 Time 2 12 PM

TICKET AMOUNT

CS0719-09 # 131

WEIGHTMASTER PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

89

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			24.39	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP05
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald Wuthrich
Signature
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2708626

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name
Signature
Date: Month 8 Day 16 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

Ticket # 2778577

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.4**
TRAILER #
ORDER # : 2019
DATE: 8/16/2019
TIME IN: 1:32 PM TIME OUT: 1:57 PM

CSRLF Contaminated Soil to RLF 21.66 tn

Gross: 71,700 Lbs Tare : 28,380 Lbs Net: 43,320 Lbs
Scale: 5 Scale: 5 **21.66 tn**

Route: Truck:
Profile Number: CS071909
Date: 8/16/2019 Time: 1:31 PM
TICKET AMOUNT

CS/0719-09/154

WEIGHTMASTER: PATTY

Thanks

4

NON-HAZARDOUS WASTE MANIFEST

87

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc. 154

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID 6/803 MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 28	T
b.			21.66	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP05
a) Contaminated Soil
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CT Brown as Agent for GEMT
Signature:
Date: Month 8 Day 16 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Edwards
Signature:
Date: Month 8 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 16 Year 19

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PRINTED WITH SOY INK

190120 DB

Ticket # 2781057 600/643

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/22/2019
TIME IN: 6:58 AM TIME OUT: 7:09 AM

CSRLF Contaminated Soil to RLF 33.63 tn

Gross: **110,280...** Tare : **43,020 Lbs** Net: **67,260 Lbs**
33.63 tn

Scale: 5 Scale: 5

Route: Truck:
Profile Number: **CS071909**
Date: 8/22/2019 Time: 6:57 AM
TICKET AMOUNT

CS/0719-09#600

WEIGHTMASTER: PATTY

Thanks

(90)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840
C. State Transporter's ID: 1524CMB

7. Transporter 2 Company Name: 600/643
8. US EPA ID Number
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 30	T
b.			33.63	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP-06
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) Signature: [signature] Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Blackway Signature: [signature] Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date: Month Day Year

19. Discrepancy Indication Space
2781057

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: P Carpenter Signature: P Carpenter Date: Month 8 Day 22 Year 19

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

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Ticket # 2781061

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 8/22/2019
TIME IN: 7:11 AM TIME OUT: 7:23 AM

CSRLF Contaminated Soil to RLF 25.2 tn

Gross: **80,080 Lbs** Tare : **29,680 Lbs** Net: **50,400 Lbs**

Scale: 5 Scale: 5 **25.20 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/22/2019 Time: 7:10 AM
TICKET AMOUNT

CS/0719-09/ 131

WEIGHTMASTER: PATTY
Thanks

2

(91)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312		5900 Success Drive, Lot 3A; Rome NY	
4. Generator's Phone (850) 228-9421			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516	
		B. Transporter 1 Phone: (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone: (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 20	T
b.			2520	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP-06

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
DAVID M. NOSTRANT (AGENT FOR GEMT)	[signature]	08 22 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Jonco Wathnick	Signature: [signature]	8 22 19
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

2781061

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
T Carpenter	T Carpenter	8 22 19

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Ticket # 2781080

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

19-0120

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**

TRAILER #

ORDER # : 2019

DATE: 8/22/2019

TIME IN: 7:44 AM TIME OUT: 7:58 AM

CSRLF Contaminated Soil to RLF 25.11 tn

Gross: **79,060 Lbs** Tare : **28,840 Lbs** Net: **50,220 Lbs**

Scale: 5 Scale: 5 **25.11 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/22/2019 Time: 7:44 AM

TICKET AMOUNT

CS/0719-09 630

WEIGHTMASTER: PATTY

Thanks

TRK 630

3

(92)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EJT 20	T
b.			25.11	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP-06

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) Signature: [signature] Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Peter Bowen Signature: [signature] Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Date: Month Day Year

19. Discrepancy Indication Space

2781080

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: P Carpenter Signature: P Carpenter Date: Month 8 Day 22 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2781085

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.4**

TRAILER #

ORDER # : 2019

DATE: 8/22/2019

TIME IN: 7:54 AM TIME OUT: 8:09 AM

CSRLF Contaminated Soil to RLF 23.95 tn

Gross: **76,540 Lbs** Tare : **26,640 Lbs** Net: **47,900 Lbs**

Scale: 5 Scale: 5 **23.95 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/22/2019 Time: 7:54 AM

TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: PATTY

Thanks

4

(93)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc. 154

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516
B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID 61802MD
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 20	T
b.			23.95	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP-06

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M NOSTRAM (AGENT FOR GEMT)
Signature: [signature]
Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards
Signature: [signature]
Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

2781085

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: [signature]
Signature: [signature]
Date: Month 8 Day 22 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2781096

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.5**

TRAILER #

ORDER # : 2019

DATE: 8/22/2019

TIME IN: 8:08 AM TIME OUT: 8:20 AM

CSRLF Contaminated Soil to RLF 35.07 tn

Gross: **114,280...** Tare : **44,140 Lbs** Net: **70,140 Lbs**

Scale: 5 Scale: 5 **35.07 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/22/2019 Time: 8:07 AM

TICKET AMOUNT

Brandon DiSando

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

5

(94)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

4. Generator's Phone (850) 228-9421

5900 Success Drive, Lot 3A

Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 683

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designeted Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~EST~~ 30	T
b.			30.07	
c.				
d.				

G. Additional Descriptions for Materials Listed Above: SP-06

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) Signature: [signature] Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante Signature: Brandon DiSante Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Date: Month Day Year

19. Discrepancy Indication Space

2781096

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pcarpenter Signature: Pcarpenter Date: Month 8 Day 22 Year 19

GENERATOR / TRANSPORTER / FACILITY

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190120 DB
C00/647

Ticket # 2781136

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER #: 2019
DATE: 8/22/2019
TIME IN: 8:50 AM TIME OUT: 8:58 AM

CSRLF Contaminated Soil to RLF 34.31 tn

Gross: **111,940...** Tare: **43,320 Lbs** Net: **68,620 Lbs**
Scale: 5 Scale: 5 **34.31 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/22/2019 Time: 8:50 AM
TICKET AMOUNT

CS/0719-09/600

WEIGHTMASTER: PATTY
Thanks

(95)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

C. State Transporter's ID: 15246MB

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~5T~~ 30	T
b.			3431	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP-06

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NORCANS (AGENT FOR GEMT)

Signature

Date: Month 08 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway

Signature

Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2781136

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 22 Year 19

NON-HAZARDOUS WASTE

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PRINTED WITH SOY INK

Ticket # 2781153

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 8/22/2019

TIME IN: 9:07 AM TIME OUT: 9:23 AM

CSRLF Contaminated Soil to RLF 21.23 tn

Gross: **70,680 Lbs** Tare : **28,220 Lbs** Net: **42,460 Lbs**

Scale: 5 Scale: 5 **21.23 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/22/2019 Time: 9:06 AM

TICKET AMOUNT

CS/0719-09/ 131

WEIGHTMASTER: PATTY

Thanks

2

96

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

4. Generator's Phone (850) 228-9421

5900 Success Drive; Lot 3A
Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 20	T
b.			21.23	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP-06

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) Signature: [signature] Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Yonco Wuthrick Signature: [signature] Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Date: Month Day Year

19. Discrepancy Indication Space

2781153

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: [signature] Signature: [signature] Date: Month 8 Day 22 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2781180

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 8/22/2019
TIME IN: 9:29 AM TIME OUT: 9:42 AM

CSRLF Contaminated Soil to RLF 22.69 tn

Gross: **73,940 Lbs** Tare : **28,560 Lbs** Net: **45,380 Lbs**
Scale: 5 Scale: 5 **22.69 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/22/2019 Time: 9:29 AM
TICKET AMOUNT

CS/0719-09/154

WEIGHTMASTER: PATTY

Thanks

3

98

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID: 61802MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	20 EST	T
b.			2269	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP-06

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) Signature: [signature] Date: Month 08 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards Signature: [signature] Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2781180

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: T Carpenter Signature: T Carpenter Date: Month 8 Day 22 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2781181

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

0210-61

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.4**

TRAILER #

ORDER # : 2019

DATE: 8/22/2019

TIME IN: 9:33 AM TIME OUT: 9:47 AM

CSRLF Contaminated Soil to RLF 24.22 tn

Gross: **77,220 Lbs** Tare : **28,780 Lbs** Net: **48,440 Lbs**

Scale: 5 Scale: 5 **24.22 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/22/2019 Time: 9:32 AM

TICKET AMOUNT

CS/0719-09/ 630

WEIGHTMASTER: PATTY

Thanks

TLK 630 4

(97)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	BT 24.22	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP-06

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) — Signature — Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] — Signature — Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

2781181

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature: Carpenter — Date: Month 8 Day 22 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2781200

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.5**
TRAILER #
ORDER # : 2019
DATE: 8/22/2019
TIME IN: 9:45 AM TIME OUT: 10:11 AM

CSRLF Contaminated Soil to RLF 37.68 tn

Gross: **122,100...** Tare : **46,740 Lbs** Net: **75,360 Lbs**
Scale: 5 Scale: 5 **37.68 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/22/2019 Time: 9:45 AM
TICKET AMOUNT

Brandon DiSarno

CS/0719-09/ 633

WEIGHTMASTER: PATTY
Thanks

5

NON-HAZARDOUS WASTE MANIFEST

(99)

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 30	T
b.			37.68	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP-06

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. VOSTRANT (AGENT FOR GENT) Signature: [signature] Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante Signature: Brandon DiSante Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Date: Month Day Year

19. Discrepancy Indication Space

2781200

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter Signature: Carpenter Date: Month 8 Day 22 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2781219

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/22/2019

TIME IN: 10:09 AM TIME OUT: 10:20 AM

CSRLF Contaminated Soil to RLF 26.82 tn

Gross: **84,960 Lbs** Tare : **31,320 Lbs** Net: **53,640 Lbs**

Scale: 5 Scale: 5 **26.82 tn**

Route: Truck:

Profile Number:

Date: 8/22/2019 Time: 10:08 AM

TICKET AMOUNT

CS/0719-09 # 616

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

100

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

4. Generator's Phone (850) 228-9421

5900 Success Drive; Lot 3A
Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 616

8. US EPA ID Number:

C. State Transporter's ID: 55230 mm

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 20	T
b.			26.82	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP-06

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRAFT (AGENT FOR GEMT)

Signature: [signature]

Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte

Signature: [signature]

Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Date: Month Day Year

19. Discrepancy Indication Space

2781219

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: [signature]

Date: Month 8 Day 22 Year 19

GENERATOR

TRANSPORTER

FACILITY

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RECEIVED
190120 DB
600/643

Ticket # 2781232

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 8/22/2019

TIME IN: 10:26 AM TIME OUT: 10:35 AM

CSRLF Contaminated Soil to RLF 35.89 tn

Gross: **115,280...** Tare : **43,500 Lbs** Net: **71,780 Lbs**

Scale: 5 Scale: 5 **35.89 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/22/2019 Time: 10:25 AM

TICKET AMOUNT

CS/0719-09/600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

(101)

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 17246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 30	T
b.			35.89	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP-06

a) Contaminated Soil

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) Signature: [signature] Date: Month 08 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brookway Signature: [signature] Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

278/232

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: R Carpenter Signature: R Carpenter Date: Month 8 Day 22 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2781279

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/22/2019

TIME IN: 10:57 AM TIME OUT: 11:13 AM

CSRLF Contaminated Soil to RLF 23.47 tn

Gross: **75,120 Lbs** Tare: **28,180 Lbs** Net: **46,940 Lbs**

Scale: 5 Scale: 5 **23.47 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/22/2019 Time: 10:56 AM

TICKET AMOUNT

CS/0719-09# 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

102

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone: 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 131
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 20	T
b.			23.47	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
SP-06
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) Signature: [signature] Date: Month 08 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Yancco Wuthrich Signature: [signature] Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2781279

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: T Carpenter Signature: [signature] Date: Month 8 Day 22 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2781333

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.4**
TRAILER #
ORDER # : 2019
DATE: 8/22/2019
TIME IN: 11:57 AM TIME OUT: 12:18 PM

CSRLF Contaminated Soil to RLF 32.04 tn

Gross: **108,780...** Tare : **44,700 Lbs** Net: **64,080 Lbs**
Scale: 5 Scale: 5 **32.04 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/22/2019 Time: 11:57 AM
TICKET AMOUNT

Brandon DiSardo

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

4

NON-HAZARDOUS WASTE MANIFEST

(103)

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 30	T
b.			3204	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP-06

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NASTRANT (AGENT FOR GEMT)

Signature: [signature]

Date: Month 08 Day 22 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante

Signature: Brandon DiSante

Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2781133

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 22 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2781447

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 8/22/2019
TIME IN: 1:48 PM TIME OUT: 2:02 PM

CSRLF Contaminated Soil to RLF 31 tn

Gross: **106,840...** Tare : **44,840 Lbs** Net: **62,000 Lbs**

Scale: 5 Scale: 5 **31.00 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/22/2019 Time: 1:47 PM
TICKET AMOUNT

Brandon Dismon

CS/0719-09

WEIGHTMASTER: PATTY

Thanks

104

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

4. Generator's Phone (850) 228-9421

5900 Success Drive; Lot 3A
Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 30	T
b.			≈31.00	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP-06

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT) Signature: [signature] Date: Month 08 Day 22 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante Signature: Brandon DiSante Date: Month 8 Day 22 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Date: Month Day Year

19. Discrepancy Indication Space

2781447

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pcarpenter Signature: Pcarpenter Date: Month 8 Day 22 Year 19

GENERATOR

TRANSPORTER

FACILITY

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Ticket # 2781688

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.6**
TRAILER #
ORDER # : 2019
DATE: 8/23/2019
TIME IN: 8:16 AM TIME OUT: 8:39 AM

CSRLF Contaminated Soil to RLF 31.74 tn

Gross: **108,480...** Tare : **45,000 Lbs** Net: **63,480 Lbs**
Scale: 5 Scale: 5 **31.74 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/23/2019 Time: 8:16 AM
TICKET AMOUNT

Brenda DiSanzo

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

5 105

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120 | 2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 1633

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~27~~ 30	T
b.			31.74	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP-06

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRAND (AGENT FOR GEMT) | Signature | Date: Month 08 Day 23 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 8 Day 23 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

278168

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 8 Day 23 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2781821

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/23/2019

TIME IN: 10:15 AM TIME OUT: 10:29 AM

CSRLF Contaminated Soil to RLF 30.97 tn

Gross: **109,160...** Tare : **47,220 Lbs** Net: **61,940 Lbs**

30.97 tn

Scale: 5 Scale: 5

Route: Truck:

Profile Number: **CS071909**

Date: 8/23/2019 Time: 10:15 AM

TICKET AMOUNT

Brandon DiSante

CS/0719-09

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

(106)

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 30	T
b.			30.97	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
SR-06
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRAND (AGENT FOR GEMT)
Signature:
Date: Month 08 Day 23 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Difonte
Signature: Brandon Difonte
Date: Month 8 Day 23 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2781821

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: R Carpenter
Signature: R Carpenter
Date: Month 8 Day 27 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2781957

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 8/23/2019
TIME IN: 12:12 PM TIME OUT: 12:25 PM

CSRLF Contaminated Soil to RLF 36.01 tn

Gross: **116,120...** Tare : **44,100 Lbs** Net: **72,020 Lbs**
36.01 tn
Scale: 5 Scale: 5

Route: Truck:
Profile Number: **CS071909**
Date: 8/23/2019 Time: 12.11 PM
TICKET AMOUNT

Brandon DiSmdo

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

107

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 3	T
b.			3601	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP-06

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: DAVID M. NOSTRANT (AGENT FOR GEMT)

Signature

Date: Month 08 Day 23 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon Dilendo

Signature: Brandon Dilendo

Date: Month 8 Day 23 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2781957

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: T Carpenter

Signature: T Carpenter

Date: Month 8 Day 23 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2782568

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/26/2019

TIME IN: 7:15 AM TIME OUT: 7:27 AM

CSRLF Contaminated Soil to RLF 25.39 tn

Gross: **80,160 Lbs** Tare : **29,380 Lbs** Net: **50,780 Lbs**

Scale: 5 Scale: 5 **25.39 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/26/2019 Time: 7:14 AM

TICKET AMOUNT

CS/0719-09/131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

108

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			2539	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
SP-8
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brancos Agent for GEMT
Signature
Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Tonio Elnthrich
Signature
Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2782568

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Rampenter
Signature: Rampenter
Date: Month 8 Day 26 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2782605

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 8/26/2019

TIME IN: 8:13 AM TIME OUT: 8:25 AM

CSRLF Contaminated Soil to RLF 25.83 tn

Gross: **80,240 Lbs** Tare : **28,580 Lbs** Net: **51,660 Lbs**

Scale: 5 Scale: 5 **25.83 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/26/2019 Time: 8:12 AM

TICKET AMOUNT

CS/0719-09/ 154

WEIGHTMASTER: PATTY

Thanks

2

NON-HAZARDOUS WASTE MANIFEST

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109

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc. 154

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID 61902MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION

	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 20	T
b.			25.83	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: P FALCE AS AGENT FOR GEMT

Signature:

Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards

Signature:

Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2782605

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 26 Year 19

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NON-HAZARDOUS WASTE

190120 DB

Ticket # 2782617 600/643

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.3**

TRAILER #

ORDER # 2019

DATE 8/26/2019

TIME IN 8:20 AM TIME OUT 8:33 AM

CSRLF Contaminated Soil to RLF 32.37 tn

Gross **107,860** Tare **43,120 Lbs** Net **64,740 Lbs**

Scale 5 Scale 5 **32.37 tn**

Route Truck

Profile Number **CS071909**

Date: 8/26/2019 Time 8:19 AM

TICKET AMOUNT

CS/0719-09 # 600

WEIGHTMASTER PATTY

Thanks

3

NON-HAZARDOUS WASTE MANIFEST

111

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 12246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			32.37	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP08

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown Cs Agent for GEMT

Signature

Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: O Brockway

Signature

Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2782617

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 26 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST		19-0120
850 228-9421	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive, Lot 3A Roma NY
Paragon Environmental Construction, Inc.	NYR 000119280	YA-576 (315) 852-0460
600/643		1224/1988
Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309		(315) 942-5890

Non-RCRA, Non-DOT Regulated Material	1	DT	534 30
			5238

a) Contaminated Soil Profile Number: OHSWA CS0719-06	5908

Emergency Contact: Paragon Environmental Construction, Inc. @ 315 859-0840

CTBrown Cs Agent for GEMT		8/26/19
Dhockway		8/26/19

TRK 630 19-0120

Ticket # 2782621

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.4**
TRAILER #
ORDER # : 2019
DATE: 8/26/2019
TIME IN: 8:22 AM TIME OUT: 8:36 AM

CSRLF Contaminated Soil to RLF 26.96 tn

Gross: **82,620 Lbs** Tare : **28,700 Lbs** Net: **53,920 Lbs**

Scale: 5 Scale: 5 **26.96 tn**

Route: Truck
Profile Number: **CS071908**
Date: 8/26/2019 Time 8:21 AM
TICKET AMOUNT

CS/0719-07/ 630

WEIGHTMASTER: PATTY

Thanks

TRK 630 110

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			26.96	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP08
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Francis Agent for GEMT
Signature
Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2782021

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 26 Year 19

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PRINTED WITH SOY INK

Ticket # 2782643

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8881

TRUCK ID: **1121.5**
TRAILER #
ORDER # : 2019
DATE: 8/26/2019
TIME IN: 8:35 AM TIME OUT: 8:45 AM

CSRLF Contaminated Soil to RLF 35.27 tn

Gross: **114,660...** Tare : **44,120 Lbs** Net: **70,540 Lbs**
Scale: 5 Scale: 5 **35.27 tn**

Route: Truck:
Profile Number: **CS071809**
Date: 8/26/2019 Time: 8:34 AM
TICKET AMOUNT

Brandon DiSando

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

112

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			35.27	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
SPG8
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon O'Sauer
Signature: Brandon O'Sauer
Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2782643

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 26 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2782689

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/26/2019

TIME IN: 9:05 AM TIME OUT: 9:18 AM

CSRLF Contaminated Soil to RLF 24.48 tn

Gross: **76,960 Lbs** Tare **28,000 Lbs** Net: **48,960 Lbs**

Scale: 5 Scale. 5 **24.48 tn**

Route: Truck

Profile Number: **CS071909**

Date: 8/26/2019 Time: 9:04 AM

TICKET AMOUNT

CS/0719-09

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

113

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

131

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			24.48	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SPG8

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun cs Agent for GEMT

Signature: [signature]

Date: Month 8 Day 26 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ponco Wuthrich

Signature: [signature]

Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

2782689

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 26 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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	15-0120
Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	6500 Success Drive, Lot 3A Rome NY
850 228-9421	
Paragon Environmental Construction, Inc.	NYR 000119280
	(315) 699-0840
Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt 294 Boonville NY 13309	(315) 942-5950

Non-RCRA Non DOT Regulated Material	1	DT	55 20	1
			21.48	

a) Contaminated Soil

Profile Number: OHSWA CS0719-00

a) L

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

[illegible]	[signature]	8/26/19
[illegible]	[signature]	8/26/19

190120 DB
600/643

Ticket # 2782761

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # 2019
DATE 8/26/2019
TIME IN 10 00 AM TIME OUT 10 11 AM

CSRLF Contaminated Soil to RLF 31 44 tn

Gross **105,960...** Tare **43,080 Lbs** Net **62,880 Lbs**

Scale 5 Scale 5 **31.44 tn**

Route Truck
Profile Number **CS071909**
Date 8/26/2019 Time 9 59 AM
TICKET AMOUNT

CS/0719-09/ 600

WEIGHTMASTER PATTY

Thanks

2

NON-HAZARDOUS WASTE MANIFEST

114

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 17-246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			31.44	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP02

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 8 Day 26 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway | Signature | Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2782761

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: P Carpenter | Signature: P Carpenter | Date: Month 8 Day 26 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5000 Success Drive Lot 2A

Hanson Environmental Construction, Inc.

Onondaga Hazardous Solid Waste Agency Authority
7014 State Rt. 321
Bonnville, NY 13202

(315) 942-2000

Non-RCRA, Non-DOT Regulated Materials

a) Contaminated Soil

Profile Number: OHSWA C5071-05

Emergency Contact: Hanson Environmental Construction, Inc. @ 315-[illegible]

CTRom as Appd to GSMT

Ticket # 2782762

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York, 13502

CUSTOMER # 1121

PARAGON ENVIRONMENTAL

5864 MUD MILL ROAD

BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**

TRAILER #

ORDER # : 2019

DATE: 8/26/2019

TIME IN: 10:03 AM TIME OUT: 10:15 AM

CSRLF Contaminated Soil to RLF 25.43 tn

Gross: **79,340 Lbs** Tare : **28,480 Lbs** Net: **50,860 Lbs**

Scale: 5 Scale: 5 **25.43 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/26/2019 Time 10:02 AM

TICKET AMOUNT

CS/0719-09/ 154

WEIGHTMASTER: PATTY

Thanks

5

NON-HAZARDOUS WASTE MANIFEST

115

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc. 152

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID 61807 MN

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			25.43	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP08

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name: C J Brown as Agent for GEMT

Signature

Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards

Signature

Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2782762

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 26 Year 19

NON-HAZARDOUS WASTE

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TRK 630 19-0120

Ticket # 2782782

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.4**

TRAILER #

ORDER # : 2019

DATE: 8/26/2019

TIME IN: 10:13 AM TIME OUT: 10:26 AM

CSRLF Contaminated Soil to RLF 27.77 tn

Gross: **84,160 Lbs** Tare : **28,620 Lbs** Net: **55,540 Lbs**

Scale: 5 Scale: 5 **27.77 tn**

Route: Truck:

Profile Number: **CS071809**

Date: 8/26/2019 Time: 10:13 AM

TICKET AMOUNT

CS/0719-09/630

WEIGHTMASTER: PATTY

Thanks

#XRX 630

NON-HAZARDOUS WASTE MANIFEST

116

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 20	T
b.			27.77	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SPGS
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Suver
Signature
Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2782782

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Pearponter
Signature: Pearponter
Date: Month 8 Day 26 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

Ticket # 2782787

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.5**
TRAILER #
ORDER # : 2019
DATE: 8/26/2019
TIME IN: 10:17 AM TIME OUT: 10:31 AM

CSRLF Contaminated Soil to RLF 33.52 tn

Gross: 111,060... Tare : 44,020 Lbs Net: 67,040 Lbs
Scale: 5 Scale: 5 **33.52 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/26/2019 Time: 10:16 AM
TICKET AMOUNT

Brandon DiSundro

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

5

NON-HAZARDOUS WASTE MANIFEST

117

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			32.52	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP08

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiFonte

Signature: Brandon DiFonte

Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

R7827807

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 26 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2782811

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/26/2019

TIME IN: 10:38 AM TIME OUT: 10:49 AM

CSRLF Contaminated Soil to RLF 23.84 tn

Gross: **75,540 Lbs** Tare : **27,860 Lbs** Net: **47,680 Lbs**

Scale: 5 Scale: 5 **23.84 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/26/2019 Time: 10:38 AM

TICKET AMOUNT

CS/0719-09/131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

118

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: B1
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			2384	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP08
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CS Brown cs Agent for GOMT
Signature
Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Yonco Wuthrich
Signature
Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2782811

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Raponter
Signature: Raponter
Date: Month 8 Day 26 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

19020 DB
600/643

Ticket # 2782886

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # 2019
DATE 8/26/2019
TIME IN 11 41 AM TIME OUT 11 57 AM

CSRLF Contaminated Soil to RLF 29 77 tn

Gross **102,500** Tare **42,960 Lbs** Net **59,540 Lbs**

Scale: 5 Scale 5 **29.77 tn**

Route Truck:
Profile Number **CS071909**
Date 8/26/2019 Time 11 40 AM
TICKET AMOUNT

CS/0719-09/ 600

WEIGHTMASTER PATTY
Thanks

2

119

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 17246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~EST~~ 30	T
b.			29.77	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SPOS

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ BROWN AS AGENT FOR GEMT — Signature — Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: DBrockway — Signature — Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2.782886

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature: Carpenter — Date: Month 8 Day 26 Year 19

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8/26/19

Ticket # 2782888

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.3**

TRAILER #

ORDER # : 2019

DATE: 8/26/2019

TIME IN: 11:42 AM TIME OUT: 12:00 PM

CSRLF Contaminated Soil to RLF 23.6 tn

Gross: **75,600 Lbs** Tare : **28,400 Lbs** Net: **47,200 Lbs**

Scale: 5 Scale: 5 **23.60 tn**

Route: Truck.

Profile Number: **CS071909**

Date: 8/26/2019 Time: 11:42 AM

TICKET AMOUNT

CS/0719-09 # 154

WEIGHTMASTER: PATTY

Thanks

3

NON-HAZARDOUS WASTE MANIFEST

120

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address 4. Generator's Phone (850 228-9421)	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive; Lot 3A Rome NY	
5. Transporter 1 Company Name Paragon Environmental Construction, Inc. 154	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID 61802MM D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			23.60	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP08

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
CJ Brown as Agent for GEMT	[signature]	8	26	19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Danny Edwards	[signature]	8	26	19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

2782888

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
Pearpenter	Pearpenter	8	26	19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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TRK 630 19-0120

Ticket # 2782915

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID. **1121.4**
TRAILER #
ORDER # : 2019
DATE: 8/26/2019
TIME IN: 12:02 PM TIME OUT: 12:15 PM

CSRLF Contaminated Soil to RLF 25.89 tn

Gross: **80,320 Lbs** Tare : **28,540 Lbs** Net **51,780 Lbs**

Scale: 5 Scale: 5 **25.89 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/26/2019 Time: 12:02 PM
TICKET AMOUNT

CS/0719-09/ 630

WEIGHTMASTER: PATTY

Thanks

TRK 630

NON-HAZARDOUS WASTE MANIFEST

121

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			25.89	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP08
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: M B
Signature
Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 26 Year 19

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Ticket # 2782917

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.5**
TRAILER #
ORDER # : 2019
DATE: 8/26/2019
TIME IN: 12:04 PM TIME OUT. 12:20 PM

CSRLF Contaminated Soil to RLF 35.09 tn

Gross: **114,080...** Tare : **43,900 Lbs** Net: **70,180 Lbs**
Scale: 5 Scale: 5 **35.09 tn**

Route: Truck.
Profile Number: **CS071909**
Date: 8/26/2019 Time: 12:03 PM
TICKET AMOUNT

Brandon O'Brien

CS/0719-09/ 633

WEIGHTMASTER: PATTY
Thanks

5

NON-HAZARDOUS WASTE MANIFEST

122

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			3509	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

SP08

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiFonzo

Signature: Brandon DiFonzo

Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2782917

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 8 Day 26 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2782928

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 8/26/2019

TIME IN: 12:17 PM TIME OUT: 12:29 PM

CSRLF Contaminated Soil to RLF 26.38 tn

Gross: **80,620 Lbs** Tare : **27,860 Lbs** Net: **52,760 Lbs**

Scale: 5 Scale: 5 **26.38 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 8/26/2019 Time: 12:16 PM

TICKET AMOUNT

CS/0719-09/ 131

WEIGHTMASTER PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

123

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 131
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	26.38	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SPG8
a) Contaminated Soil
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Lonco Cluthrich
Signature
Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2782928

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 8 Day 26 Year 19

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190120 DB
600/643

Ticket # 2783021

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # 2019
DATE 8/26/2019
TIME IN 1:31 PM TIME OUT 1:42 PM

CSRLF Contaminated Soil to RLF 30.79 tn

Gross **104,420...** Tare **42,840 Lbs** Net **61,580 Lbs**
Scale: 5 Scale 5 **30.79 tn**

Route Truck
Profile Number **CS071909**
Date. 8/26/2019 Time 1:31 PM
TICKET AMOUNT

CS/0719-09/ 600

WEIGHTMASTER PATTY
Thanks

2

NON-HAZARDOUS WASTE MANIFEST

124

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address 4. Generator's Phone (850) 228-9421	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive; Lot 3A Rome NY	
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name 600/643	8. US EPA ID Number	C. State Transporter's ID 17246MB D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			30.79	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP08

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month Day Year
CJBrown as Agent for GEMT	[signature]	8 26 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
DBrockway	[signature]	8 26 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

2783021

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month Day Year
Karpenter	Karpenter	8 26 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2783025

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8681

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 8/26/2019
TIME IN: 1:33 PM TIME OUT: 1:48 PM

CSRLF Contaminated Soil to RLF 26.2 tn

Gross: **80,740 Lbs** Tare : **28,340 Lbs** Net: **52,400 Lbs**

Scale: 5 Scale: 5 **26.20 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 8/26/2019 Time: 1:32 PM
TICKET AMOUNT

CS/0719-09/ 154

WEIGHTMASTER: PATTY

Thanks

3

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

125

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name
Paragon Environmental Construction, Inc. 154

6. US EPA ID Number
NYR 000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID 61802MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION

	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			26.20	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP08

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 8 Day 26 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards

Signature

Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

278025

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, ~~except~~ as noted in item 19.

Printed/Typed Name: R Carpenter

Signature: R Carpenter

Date: Month 8 Day 26 Year 18

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK SOY INK

TRK 630 19-0120

Ticket # 2783038

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5634 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.4**
TRAILER #
ORDER # 2019
DATE: 8/26/2019
TIME IN 1 46 PM TIME OUT 1 56 PM

CSRLF Contaminated Soil to RLF 25 56 tn

Gross **79,580 Lbs** Tare **28,460 Lbs** Net **51,120 Lbs**

Scale 5 Scale 5 **25.56 tn**

Route Truck:
Profile Number **CS071909**
Date 8/26/2019 Time 1 46 PM
TICKET AMOUNT

CS/0719-09/630

WEIGHTMASTER PATTY

Thanks

TRK 030

NON-HAZARDOUS WASTE MANIFEST

126

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			2556	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP08
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 8 Day 26 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Peter MB
Signature
Date: Month 8 Day 26 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2783038

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: P Carpenter
Signature: P Carpenter
Date: Month 8 Day 26 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2786455

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/3/2019
TIME IN: 1:07 PM TIME OUT: 1:27 PM

CSRLF Contaminated Soil to RLF 41.05 tn

Gross: 126,060... Tare : 43,960 Lbs Net: 82,100 Lbs
Scale: 5 Scale: 5 **41.05 tn**

Route: Truck:
Profile Number: CS071909
Date: 9/3/2019 Time: 1:05 PM
TICKET AMOUNT

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

127

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312		5900 Success Drive; Lot 3A	
4. Generator's Phone (850) 228-9421		Rome NY	
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-518	
		B. Transporter 1 Phone: (315) 699-0840	
7. Transporter 2 Company Name: 633	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone: (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material		DT	Est 30 / 11.05	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
CJ Brown as Agent for GEMT		9 3 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date (Month Day Year)
Printed/Typed Name: Brandon DiSante	Signature: Brandon DiSante	9 3 19
18. Transporter 2 Acknowledgement of Receipt of Materials		Date (Month Day Year)
Printed/Typed Name	Signature	

FACILITY

19. Discrepancy Indication Space

2786455

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Rampenter	Rampenter	9 3 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2786591

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/3/2019
TIME IN: 2:54 PM TIME OUT: 3:08 PM

CSRLF Contaminated Soil to RLF 36.08 tn

Gross: 116,100... Tare : 43,940 Lbs Net: 72,160 Lbs
Scale: 5 Scale: 5 **36.08 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/3/2019 Time: 2:53 PM
TICKET AMOUNT

CS/0719-09

WEIGHTMASTER. PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

128

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: ~~7A-516~~

B. Transporter 1 Phone: ~~(315) 699-0840~~

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION

	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			36.08	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 9 Day 13 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiBenda

Signature: Brandon DiBenda

Date: Month 9 Day 13 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

2786591

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 9 Day 13 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK

PRINTED WITH SOY INK

Ticket # 2786821

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/4/2019
TIME IN: 8:24 AM TIME OUT: 8:44 AM

CSRLF Contaminated Soil to RLF 41.83 tn

Gross 128,540... Tare : 44,880 Lbs Net: 83,660 Lbs
Scale: 5 Scale: 5 **41.83 tn**

Route: Truck.
Profile Number:
Date: 9/4/2019 Time: 8:24 AM
TICKET AMOUNT

Brandon DiSaro

WEIGHTMASTER: PATTY
Thanks

633

NON-HAZARDOUS WASTE MANIFEST

129

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			4183	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 9 Day 4 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante

Signature: Brandon DiSante

Date: Month 9 Day 4 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

2786821

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rampenter

Signature: Rampenter

Date: Month 9 Day 4 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK

PRINTED WITH SOY INK

Ticket # 2786939

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/4/2019

TIME IN: 10:11 AM TIME OUT: 10:26 AM

CSRLF Contaminated Soil to RLF 34.18 tn

Gross: 113,360... Tare : 45,000 Lbs Net: 68,360 Lbs

Scale: 5 Scale: 5 **34.18 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/4/2019 Time: 10:10 AM

TICKET AMOUNT

Brandon DiSanto

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

633

NON-HAZARDOUS WASTE MANIFEST

130

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est. 30	T
b.			34.18	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 4 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 4 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 2786939

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rampenter | Signature: Rampenter | Date: Month 9 Day 4 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787127

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/4/2019
TIME IN. 12:58 PM TIME OUT: 1:10 PM

CSRLF Contaminated Soil to RLF 33.94 tn

Gross: 111,640... Tare · 43,760 Lbs Net: 67,880 Lbs
Scale: 5 Scale: 5 **33.94 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/4/2019 Time: 12:58 PM
TICKET AMOUNT

Brandon Disanto

CS/0719-09/

WEIGHTMASTER. PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

131

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			3394	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brancas Agent for GEMT | Signature | Date: Month 9 Day 4 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 4 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2787127

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 4 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787281

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/4/2019

TIME IN: 2:57 PM TIME OUT: 3:07 PM

CSRLF Contaminated Soil to RLF 32.45 tn

Gross: **108,660...** Tare : **43,760 Lbs** Net: **64,900 Lbs**

Scale: 5 Scale: 5 **32.45 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/4/2019 Time: 2:56 PM

TICKET AMOUNT

Brandon DiSante

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

132

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			30.45	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 4 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante — Signature: Brandon DiSante — Date: Month 9 Day 4 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2787281

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature: Carpenter — Date: Month 9 Day 4 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2787441

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/5/2019

TIME IN: 8:17 AM TIME OUT: 8:35 AM

CSRLF Contaminated Soil to RLF 35.18 tn

Gross: 116,580... Tare : 46,220 Lbs Net: 70,360 Lbs

Scale: 5 Scale: 5 **35.18 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/5/2019 Time: 8:15 AM

TICKET AMOUNT

CS/0719-09 # 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

133

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			35.18	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 5 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: BOB CROWE — Signature — Date: Month 9 Day 5 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2787441

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature — Date: Month 9 Day 5 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787449

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-8681

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/5/2019
TIME IN: 8:24 AM TIME OUT: 8:45 AM

CSRLF Contaminated Soil to RLF 37.54 tn

Gross: 119,020... Tare : 43,940 Lbs Net: 75,080 Lbs
Scale: 5 Scale: 5 **37.54 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/5/2019 Time: 8:23 AM
TICKET AMOUNT

Brandon DiSando

CS/0719-09/ 633

WEIGHTMASTER PATTY
Thanks

2

NON-HAZARDOUS WASTE MANIFEST

134

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			37.54	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 5 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 5 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 2787449

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 5 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787577

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-6661

TRUCK ID. **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/5/2019
TIME IN: 10:08 AM TIME OUT: 10:20 AM

CSRLF Contaminated Soil to RLF 40.06 tn

Gross: **126,220...** Tare : **46,100 Lbs** Net: **80,120 Lbs**
Scale: 5 Scale: 5 **40.06 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/5/2019 Time: 10:08 AM
TICKET AMOUNT

CS/0719-09/ 192

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

135

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312		5900 Success Drive; Lot 3A Rome NY	
4. Generator's Phone (850 228-9421)			
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309 192	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			40.06	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
CJ Brown as Agent for GEMT	[signature]	9	5	19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
BOB CROWE	[signature]	9	5	19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

2787577

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
[signature]	[signature]	9	5	19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787592

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/5/2019

TIME IN: 10:18 AM TIME OUT: 10:35 AM

CSRLF Contaminated Soil to RLF 44.56 tn

Gross: 132,900... Tare : 43,780 Lbs Net: 89,120 Lbs

Scale: 5 Scale: 5 **44.56 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/5/2019 Time: 10:18 AM

TICKET AMOUNT

Bernie O'Brien

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

136

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A 516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			214.56	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 5 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 5 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2787592

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature | Date: Month 9 Day 5 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787724

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/5/2019

TIME IN: 12:03 PM TIME OUT: 12:24 PM

CSRLF Contaminated Soil to RLF 40.92 tn

Gross: **127,840...** Tare : **46,000 Lbs** Net: **81,840 Lbs**

Scale: 5 Scale: 5 **40.92 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/5/2019 Time: 12:03 PM

TICKET AMOUNT

CS/0719-09/192

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

137

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-510

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			40.92	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMS | Signature | Date: Month 9 Day 5 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: BOB CROWE | Signature | Date: Month 9 Day 5 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2787724

20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature | Date: Month 9 Day 5 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787732

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/5/2019

TIME IN: 12:09 PM TIME OUT: 12:26 PM

CSRLF Contaminated Soil to RLF 42.5 tn

Gross: 128,680... Tare : 43,680 Lbs Net: 85,000 Lbs

Scale: 5 Scale: 5 **42.50 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/5/2019 Time: 12:09 PM

TICKET AMOUNT

Brandon DiSayd

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

2

NON-HAZARDOUS WASTE MANIFEST

138

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			4050	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT

Signature

Date: Month 9 Day 5 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante

Signature: Brandon DiSante

Date: Month 9 Day 5 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2787732

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 9 Day 5 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787861

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/5/2019
TIME IN: 1:50 PM TIME OUT: 2:03 PM

CSRLF Contaminated Soil to RLF 40.25 tn

Gross: **126,680...** Tare : **46,180 Lbs** Net: **80,500 Lbs**

Scale: 5 Scale: 5 **40.25 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/5/2019 Time: 1:50 PM
TICKET AMOUNT

CS0719-09/ 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

139

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-510

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			40.25	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 5 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bob Crowe | Signature | Date: Month 9 Day 5 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2787861

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Parpenter | Signature: Parpenter | Date: Month 9 Day 5 Year 19

NON-HAZARDOUS WASTE

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PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2787876

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
6684 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/5/2019
TIME IN: 2:09 PM TIME OUT: 2:25 PM

CSRLF Contaminated Soil to RLF 37.58 tn

Gross: **118,800. .** Tare : **43,640 Lbs** Net: **75,160 Lbs**
Scale: 5 Scale: 5 **37.58 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/5/2019 Time: 2:09 PM
TICKET AMOUNT

Brandon DiSando

CS/0719-09/ 633

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

140

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	30	T
b.			27.58	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
SP09
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJBraun as Agent for GEMT
Signature
Date: Month 9 Day 5 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Disante
Signature: Brandon Disante
Date: Month 9 Day 5 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
2787876

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 5 Year 19

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

Ticket # 2788048

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 7:08 AM TIME OUT: 7:15 AM

CSRLF Contaminated Soil to RLF 24.54 tn

Gross: **76,840 Lbs** Tare : **27,760 Lbs** Net: **49,080 Lbs**

Scale: 5 Scale: 5 **24.54 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/6/2019 Time: 7:07 AM

TICKET AMOUNT

CS/0719-09 # 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

141

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			24.54	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brancs Agent for GEMT | Signature | Date: Month 9 Day 6 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tonco Wuthrich | Signature | Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space: 2788048

20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: R Carpenter | Signature | Date: Month 9 Day 6 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2788070

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 7:54 AM TIME OUT: 8:11 AM

CSRLF Contaminated Soil to RLF 24.39 tn

Gross: **77,400 Lbs** Tare : **28,620 Lbs** Net: **48,780 Lbs**

Scale: 5 Scale: 5 **24.39 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/6/2019 Time: 7:53 AM

TICKET AMOUNT

CS/0719-9 # 154

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

142

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: ~~7A-516~~

B. Transporter 1 Phone: ~~(315) 699-0840~~ 6180 2MM

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	OST ~~BO~~	T
b.			24.39	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 6 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards — Signature — Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

2788070

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: T Carpenter — Signature — Date: Month 9 Day 6 Year 19

GENERATOR — TRANSPORTER — FACILITY — NON-HAZARDOUS WASTE

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19-0120

Ticket # 2788080

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.3**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 8:05 AM TIME OUT: 8:19 AM

CSRLF Contaminated Soil to RLF 24.38 tn

Gross: **77,420 Lbs** Tare : **28,660 Lbs** Net: **48,760 Lbs**

Scale: 5 Scale: 5 **24.38 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/6/2019 Time: 8:05 AM

TICKET AMOUNT

CS/0719-09 # 630

WEIGHTMASTER: PATTY

Thanks

3

NON-HAZARDOUS WASTE MANIFEST

143

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive, Lot 3A Rome NY	
4. Generator's Phone (850 228-9421)			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516 B. Transporter 1 Phone: (315) 699-0840	
7. Transporter 2 Company Name 630	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone: (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			24.38	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09/SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
CJ Brown as Agent for GEMT		9 6 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Pat B		9 6 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

2788080

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Carpenter	Carpenter	9 6 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2788104

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.4**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 8:18 AM TIME OUT: 8:29 AM

CSRLF Contaminated Soil to RLF 25.5 tn

Gross: **82,140 Lbs** Tare : **31,140 Lbs** Net: **51,000 Lbs**

Scale: 5 Scale: 5 **25.50 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/6/2019 Time: 8:17 AM

TICKET AMOUNT

CS/0719-09/ 616

WEIGHTMASTER: PATTY

Thanks

4

NON-HAZARDOUS WASTE MANIFEST

144

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 616
8. US EPA ID Number
C. State Transporter's ID: 55230 MM
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	EST 20	T
b.			2550	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP09 | SP10
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

C

Printed/Typed Name: CJ Brown as agent for GEMT
Signature
Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Ayotte
Signature
Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2288104

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 16 Year 19

NON-HAZARDOUS WASTE

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PRINTED WITH SOY INK

Ticket # 2788113

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 8:27 AM TIME OUT: 8:39 AM

CSRLF Contaminated Soil to RLF 37.25 tn

Gross: 118,360... Tare : 43,860 Lbs Net: 74,500 Lbs
Scale: 5 Scale: 5 **37.25 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/6/2019 Time: 8:27 AM
TICKET AMOUNT

Brandon DiSando

CS0719-09

WEIGHTMASTER. PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

145

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est. 30	T
b.			37.25	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
SP10
a) Contaminated Soil
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiFante
Signature: Brandon DiFante
Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2788113

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 6 Year 19

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PRINTED WITH SOY INK

Ticket # 2788130

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 8:38 AM TIME OUT: 8:46 AM

CSRLF Contaminated Soil to RLF 24.47 tn

Gross: **76,640 Lbs** Tare : **27,700 Lbs** Net: **48,940 Lbs**
Scale: 5 Scale: 5 **24.47 tn**

Route: Truck:
Profile Number:

Date: 9/6/2019 Time: 8:37 AM
TICKET AMOUNT

CS/0719-09/ 131

WEIGHTMASTER: PATTY

Thanks

2

NON-HAZARDOUS WASTE MANIFEST

146

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive, Lot 3A Rome NY	
4. Generator's Phone (850) 228-9421			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516 B. Transporter 1 Phone: (315) 699-0840	
7. Transporter 2 Company Name: B1	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone: (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			24.47	
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
CJ Brancs Agent for GEMT		9 6 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Yonco Wuthrich	Signature	9 6 19
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

278130

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Carpenter	Carpenter	9 6 19

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Ticket # 2788205

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 9:31 AM TIME OUT: 9:53 AM

CSRLF Contaminated Soil to RLF 25.79 tn

Gross: **80,160 Lbs** Tare : **28,580 Lbs** Net: **51,580 Lbs**

Scale: 5 Scale: 5 **25.79 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/6/2019 Time: 9:31 AM

TICKET AMOUNT

CS/0719-09/ 154

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

147

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840 601802MM

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material		DT	FA 20	T
b.			25.79	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: J Brown as Agent for GEMT | Signature | Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards | Signature | Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2788205

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 6 Year 19

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19-0120

Ticket # 2788219

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 9:44 AM TIME OUT: 9:59 AM

CSRLF Contaminated Soil to RLF 25.32 tn

Gross: **79,280 Lbs** Tare : **28,640 Lbs** Net: **50,640 Lbs**

Scale: 5 Scale: 5 **25.32 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/6/2019 Time: 9:44 AM
TICKET AMOUNT

CS/0719-09/ 630

WEIGHTMASTER: PATTY
Thanks

TRL 630

NON-HAZARDOUS WASTE MANIFEST

148

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~65~~ 20	T
b.			25.32	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP10
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Peter Brown
Signature
Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2788219

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 16 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2788236

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 9:57 AM TIME OUT: 10:05 AM

CSRLF Contaminated Soil to RLF 26.18 tn

Gross: 83,500 Lbs Tare : 31,140 Lbs Net. 52,360 Lbs
Scale: 5 Scale: 5 **26.18 tn**

Route: Truck:
Profile Number: CS071909
Date: 9/6/2019 Time: 9:57 AM
TICKET AMOUNT

CS0719-09/ 616

WEIGHTMASTER: PATTY
Thanks

3

NON-HAZARDOUS WASTE MANIFEST

149

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 616

8. US EPA ID Number

C. State Transporter's ID: 55230 mm

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	05t 26.18	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte — Signature — Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2788235

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rcarpenter — Signature — Date: Month 9 Day 6 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2788250

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID. **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 10:15 AM TIME OUT: 10:25 AM

CSRLF Contaminated Soil to RLF 24.27 tn

Gross: **76,200 Lbs** Tare : **27,660 Lbs** Net: **48,540 Lbs**

Scale: 5 Scale: 5 **24.27 tn**

Route: Truck:

Profile Number **CS071909**

Date: 9/6/2019 Time: 10:14 AM

TICKET AMOUNT

CS/0719-09/ 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

150

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			24.27	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tonio Guthrie — Signature — Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2788250

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pcarpenter — Signature: Pcarpenter — Date: Month 9 Day 6 Year 19

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Ticket # 2788265

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 10:19 AM TIME OUT: 10:37 AM

CSRLF Contaminated Soil to RLF 36.83 tn

Gross: **117,440...** Tare : **43,780 Lbs** Net: **73,660 Lbs**

Scale: 5 Scale: 5 **36.83 tn**

Route: Truck:

Profile Number: **CS0719-0**

Date: 9/6/2019 Time: 10:19 AM

TICKET AMOUNT

Brandon DiSando

CS/0719--07/633

WEIGHTMASTER: PATTY

Thanks

2

NON-HAZARDOUS WASTE MANIFEST

151

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 36	T
b.			3683	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown cs Agnt for GEMT — Signature — Date: Month 9 Day 6 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante — Signature: Brandon DiSante — Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

2788255

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rcarpenter — Signature: Rcarpenter — Date: Month 9 Day 6 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2788318

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 11:18 AM TIME OUT: 11:29 AM

CSRLF Contaminated Soil to RLF 24.88 tn

Gross: **78,300 Lbs** Tare : **28,540 Lbs** Net: **49,760 Lbs**

Scale: 5 Scale: 5 **24.88 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/6/2019 Time: 11:17 AM
TICKET AMOUNT

CS/0719-09/ 154

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

152

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

4. Generator's Phone (850) 228-9421

5900 Success Drive; Lot 3A

Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840 61802MM

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20 24.88	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT

Signature: [signature]

Date: Month 9 Day 6 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards

Signature: [signature]

Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

2788318

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pcarpenter

Signature: Pcarpenter

Date: Month 9 Day 6 Year 19

GENERATOR

TRANSPORTER

FACILITY

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19-0120

Ticket # 2788326

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9861

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 11:25 AM TIME OUT: 11:38 AM

CSRLF Contaminated Soil to RLF 21.98 tn

Gross: **72,540 Lbs** Tare : **28,580 Lbs** Net **43,960 Lbs**

Scale: 5 Scale: 5 **21.98 tn**

Route. Truck:

Profile Number **CS071909**

Date: 9/6/2019 Time 11:24 AM

TICKET AMOUNT

CS/0719--09 630

WEIGHTMASTER: PATTY

Thanks

2 TRK 630

NON-HAZARDOUS WASTE MANIFEST

153

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address 4. Generator's Phone (850 228-9421)	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive; Lot 3A Rome NY	
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 23.	T
b.			21.98	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
CJ Brown as Agent for GEMT	[signature]	9 6 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
[signature]	Pete B	9 6 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

2788326

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Pcanpenter	Pcanpenter	9 6 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2788335

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 11:32 AM TIME OUT: 11:49 AM

CSRLF Contaminated Soil to RLF 32.46 tn

Gross: **95,920 Lbs** Tare : **31,000 Lbs** Net: **64,920 Lbs**

Scale: 5 Scale: 5 **32.46 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/6/2019 Time: 11:31 AM
TICKET AMOUNT

CS/0719-09/ 616

WEIGHTMASTER. PATTY
Thanks

3

NON-HAZARDOUS WASTE MANIFEST

1521

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NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312		5900 Success Drive; Lot 3A Rome NY	
4. Generator's Phone (850 228-9421)			
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name 616	8. US EPA ID Number	C. State Transporter's ID 55230 mm D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			32.46	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
CJ Brown as Agent for GSMT	[signature]	9	6	19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Jim Ayotte	[signature]	9	6	19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

2788335

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
[signature]	[signature]	9	6	19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190120 DB

600/643

Ticket # 2788340

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.4**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 11:34 AM TIME OUT: 11:54 AM

CSRLF Contaminated Soil to RLF 33.9 tn

Gross: 110,940... Tare : 43,140 Lbs Net: 67,800 Lbs
Scale: 5 Scale: 5 **33.90 tn**

Route: Truck.
Profile Number: **C8071909**
Date: 9/6/2019 Time: 11:33 AM
TICKET AMOUNT

CS/0719-09/600

WEIGHTMASTER PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

155

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600643

8. US EPA ID Number

C. State Transporter's ID: 17246MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			3390	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Blackway | Signature | Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2788340

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 6 Year 19

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Ticket # 2788353

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.5**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 11:46 AM TIME OUT: 12:04 PM

CSRLF Contaminated Soil to RLF 23.12 tn

Gross: **73,820 Lbs** Tare : **27,580 Lbs** Net. **46,240 Lbs**

Scale: 5 Scale: 5 **23.12 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/6/2019 Time: 11:45 AM

TICKET AMOUNT

CS/0719-09/ 131

WEIGHTMASTER: PATTY

Thanks

5

NON-HAZARDOUS WASTE MANIFEST

156

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address 850 228-9421 4. Generator's Phone ( )	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive; Lot 3A Rome NY	
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20 23.12	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
CJ Brown as Agent for GEMT	[signature]	9	6	19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Ronco Wuthrich	[signature]	9	6	19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

2788353

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
[signature]	[signature]	9	6	19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2788378

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 12:07 PM TIME OUT: 12:24 PM

CSRLF Contaminated Soil to RLF 35.81 tn

Gross: **115,360...** Tare : **43,740 Lbs** Net: **71,620 Lbs**

Scale: 5 Scale: 5 **35.81 tn**

Route: Truck
Profile Number: **CS071909**
Date: 9/6/2019 Time: 12:06 PM
TICKET AMOUNT

Brandon DiSando

CS/0719-09, 633

WEIGHTMASTER: PATTY
Thanks

1

NON-HAZARDOUS WASTE MANIFEST

157

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	55+ 30	T
b.			35.81	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP10
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown's Agent for GEMT
Signature
Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2788.37 C

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Pat Carpenter
Signature: P Carpenter
Date: Month 9 Day 16 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

Ticket # 2788457

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # · 2019
DATE: 9/6/2019
TIME IN: 1:17 PM TIME OUT: 1:31 PM

CSRLF Contaminated Soil to RLF 23.51 tn

Gross: **75,560 Lbs** Tare : **28,540 Lbs** Net: **47,020 Lbs**
Scale: 5 Scale: 5 **23.51 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/6/2019 Time: 1:17 PM
TICKET AMOUNT

CS/0719-09/ 630

WEIGHTMASTER: PATTY

Thanks

TRK CSO

2

NON-HAZARDOUS WASTE MANIFEST

158

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312		5900 Success Drive; Lot 3A Rome NY	
4. Generator's Phone (850 228-9421)			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516 (315) 699-0840	
		B. Transporter 1 Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 23	T
b.			23.51	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
CJ Brown CS Agent for GEMT	[signature]	9	6	19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Pete B.	[signature]	9	6	19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

2788457

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
Pcarpenter	Pcarpenter	9	6	19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2788456

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID. **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 1:13 PM TIME OUT: 1:36 PM

CSRLF Contaminated Soil to RLF 25.52 tn

Gross: **79,460 Lbs** Tare : **28,420 Lbs** Net: **51,040 Lbs**

Scale: 5 Scale: 5 **25.52 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/6/2019 Time: 1:13 PM
TICKET AMOUNT

CS/0719-09/ 154

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

159

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840 61802M

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			25.52	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT | Signature | Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards | Signature | Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2788455

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: R Campbell | Signature: R Campbell | Date: Month 9 Day 6 Year 19

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Ticket # 2788468

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 1:26 PM TIME OUT: 1:42 PM

CSRLF Contaminated Soil to RLF 28.24 tn

Gross: 87,420 Lbs Tare : 30,940 Lbs Net: 56,480 Lbs

Scale: 5 Scale: 5 **28.24 tn**

Route: Truck:

Profile Number: CS071909

Date: 9/6/2019 Time: 1:26 PM

TICKET AMOUNT

CS/0719-09/ 616

WEIGHTMASTER: PATTY

Thanks

3

NON-HAZARDOUS WASTE MANIFEST

160

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: Gile

8. US EPA ID Number

C. State Transporter's ID: 55230 MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 20	T
b.			28.24	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP10

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte

Signature

Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2788468

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rcarpenter

Signature: Rcarpenter

Date: Month 9 Day 6 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

140120 DB
600/643

Ticket # 2788479

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.4**
TRAILER #
ORDER # : 2019
DATE: 9/6/2019
TIME IN: 1:34 PM TIME OUT: 1:44 PM

CSRLF Contaminated Soil to RLF 31.91 tn

Gross: **106,780...** Tare : **42,960 Lbs** Net: **63,820 Lbs**
Scale: 5 Scale: 5 **31.91 tn**

Route: Truck:
Profile Number. **CS071909**
Date: 9/6/2019 Time: 1:33 PM
TICKET AMOUNT

CS/0719-09/ 600

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

161

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

4. Generator's Phone (850 228-9421)

5900 Success Drive; Lot 3A

Rome NY

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A 516

B. Transporter 1 Phone: (315) 699-0840

17246MB

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	5st. 30	T
b.			31.51	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP09

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature: [signature]

Date: Month 9 Day 6 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway

Signature: [signature]

Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

2788479

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: P Carpenter

Signature: P Carpenter

Date: Month 9 Day 6 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2788508

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 2:04 PM TIME OUT: 2:15 PM

CSRLF Contaminated Soil to RLF 25.77 tn

Gross: **79,060 Lbs** Tare : **27,520 Lbs** Net: **51,540 Lbs**

Scale: 5 Scale: 5 **25.77 tn**

Route: Truck:

Profile Number. **CS071909**

Date: 9/6/2019 Time: 2:02 PM

TICKET AMOUNT

CS/0719-09/ 131

WEIGHTMASTER: PATTY

Thanks

2

NON-HAZARDOUS WASTE MANIFEST

162

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 131

6. US EPA ID Number: NYR000119289

A. State Transporter's ID 7A-516

B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			25.77	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
5709
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Yonco Guthrich
Signature
Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
288508

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 6 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2788500

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/6/2019

TIME IN: 1:52 PM TIME OUT: 2:08 PM

CSRLF Contaminated Soil to RLF 37.92 tn

Gross: **119,460...** Tare : **43,620 Lbs** Net: **75,840 Lbs**

Scale: 5 Scale: 5 **37.92 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/6/2019 Time: 1:52 PM

TICKET AMOUNT

Brandon DiSorbo

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

163

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A 516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			37.92	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP09
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature:
Date: Month 9 Day 6 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 9 Day 6 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2788500

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 16 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2789142

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-8681

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/9/2019

TIME IN: 7:57 AM TIME OUT: 8:17 AM

CSRLF Contaminated Soil to RLF 41.82 tn

Gross: 130,120... Tare . 46,480 Lbs Net: 83,640 Lbs

Scale: 5 Scale: 5 **41.82 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/9/2019 Time: 7:57 AM

TICKET AMOUNT

CS/0719-09 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

164

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			41.80	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP09
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 9 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Crowe
Signature
Date: Month 9 Day 9 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
289142

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature
Date: Month 9 Day 9 Year 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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Ticket # 2789184

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/9/2019
TIME IN: 8:26 AM TIME OUT: 8:40 AM

CSRLF Contaminated Soil to RLF 37.76 tn

Gross: 119,400... Tare : 43,880 Lbs Net: 75,520 Lbs
Scale: 5 Scale: 5 **37.76 tn**

Route: Truck:
Profile Number: CS071909
Date: 9/9/2019 Time: 8:25 AM
TICKET AMOUNT

Brandon DiSanto

2

NON-HAZARDOUS WASTE MANIFEST

165

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			37.76	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP11

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT | Signature | Date: Month 9 Day 9 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 9 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2789184

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pcarpenter | Signature: Pcarpenter | Date: Month 9 Day 9 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2789488

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8681

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/9/2019
TIME IN: 12:15 PM TIME OUT: 12:29 PM

CSRLF Contaminated Soil to RLF 33.84 tn

Gross: **114,080...** Tare : **46,400 Lbs** Net: **67,680 Lbs**
Scale: 5 Scale: 5 **33.84 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/9/2019 Time: 12:14 PM
TICKET AMOUNT

CS/0719-09/

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

166

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive, Lot 3A Rome NY	
4. Generator's Phone (850) 228-9421			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516	
		B. Transporter 1 Phone: (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone: (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			33.84	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP11

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
CJ Brown as Agent for GEMT		9 9 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
B.B Crowe	B.B Crowe	9 9 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

2789488

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Rcarpenter	Rcarpenter	9 9 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
PRINTED WITH SOY INK

Ticket # 2789318

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/9/2019
TIME IN: 10:14 AM TIME OUT: 10:23 AM

CSRLF Contaminated Soil to RLF 34.44 tn

Gross: 112,700... Tare : 43,820 Lbs Net: 68,880 Lbs
Scale: 5 Scale: 5 **34.44 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/9/2019 Time: 10:13 AM
TICKET AMOUNT

Brandon DiSando

CS/0719-09/ 633

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

167

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 633

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Cst 30	T
b.			36.44	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP11

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 9 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 9 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2789318

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rampenter | Signature: Rampenter | Date: Month 9 Day 9 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2789462

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/9/2019

TIME IN: 11:56 AM TIME OUT: 12:11 PM

CSRLF Contaminated Soil to RLF 30 3 tn

Gross: **104,340...** Tare : **43,740 Lbs** Net: **60,600 Lbs**

Scale: 5 Scale: 5 **30.30 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/9/2019 Time: 11:56 AM

TICKET AMOUNT

Brandon DiSanza

CS/ 0719-09

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

168

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			3030	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP11

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJBrown cs Agent for GEMT

Signature: [signature]

Date: Month 9 Day 9 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSanse

Signature: Brandon DiSanse

Date: Month 9 Day 9 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2789462

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 9 Day 9 Year 19

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Ticket # 2789619

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/9/2019
TIME IN: 1:43 PM TIME OUT: 1:56 PM

CSRLF Contaminated Soil to RLF 35 21 tn

Gross: **114,040...** Tare **43,620 Lbs** Net: **70,420 Lbs**
Scale: 5 Scale: 5 **35.21 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/9/2019 Time: 1:43 PM
TICKET AMOUNT

Brandon DiSanto

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

169

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			3521	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
SP11
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 9 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon Disante
Signature: Brandon Disante
Date: Month 9 Day 9 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2789619

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Ron Porter
Signature: Ron Porter
Date: Month 9 Day 9 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2788630

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5663 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/9/2019

TIME IN: 1:52 PM TIME OUT: 2:06 PM

CSRLF Contaminated Soil to RLF 33.53 tn

Gross: 113,440... Tare : 46,380 Lbs Net: 67,060 Lbs

Scale: 5 Scale: 5 **33.53 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/9/2019 Time: 1:52 PM

TICKET AMOUNT

NON-HAZARDOUS WASTE MANIFEST

170

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est. 30	T
b.			33.53	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP 11
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 9 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Crowe
Signature
Date: Month 9 Day 9 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2789630

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Ranpenter
Signature: Ranpenter
Date: Month 9 Day 9 Year 19

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PRINTED WITH SOY INK

Ticket # 2789856

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/10/2019
TIME IN: 7:36 AM TIME OUT: 7:51 AM

CSRLF Contaminated Soil to RLF 38.64 tn

Gross: 123,920... Tare : 46,640 Lbs Net: 77,280 Lbs
Scale: 5 Scale: 5 **38.64 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/10/2019 Time: 7:35 AM
TICKET AMOUNT

CS0719-09 /192

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

171

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119299
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number: 192/156
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			38.64	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP11
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT
Signature
Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Crowe
Signature
Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2789856

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Rapenta
Signature: Rapenta
Date: Month 9 Day 10 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2789801

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/10/2019
TIME IN: 8:18 AM TIME OUT: 8:34 AM

CSRLF Contaminated Soil to RLF 36.69 tn

Gross: **117,300...** Tare : **43,920 Lbs** Net: **73,380 Lbs**
Scale: 5 Scale: 5 **36.69 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/10/2019 Time: 8:18 AM
TICKET AMOUNT

Brenda Disanto

CS/0719-09

WEIGHTMASTER. PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

172

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 36.96	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP11
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT
Signature
Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2789901

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Pamperter
Signature: Pamperter
Date: Month 9 Day 10 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2789973

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/10/2019
TIME IN: 9:15 AM TIME OUT: 9:26 AM

CSRLF Contaminated Soil to RLF 31.04 tn

Gross: **108,680...** Tare : **46,600 Lbs** Net: **62,080 Lbs**

Scale: 5 Scale: 5 **31.04 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/10/2019 Time 9:14 AM
TICKET AMOUNT

CS/0719-09/ 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

173

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number: 192/156
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			31.04	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP11
Profile Number: OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Crowe
Signature
Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
278973

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 10 Year 19

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Ticket # 2790041

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/10/2019

TIME IN: 10:09 AM TIME OUT: 10:31 AM

CSRLF Contaminated Soil to RLF 31.35 tn

Gross: **106,540...** Tare : **43,840 Lbs** Net: **62,700 Lbs**

Scale: 5 Scale: 5 **31.35 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/10/2019 Time: 10:08 AM

TICKET AMOUNT

Brandon D'Sando

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

174

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est. 30	T
b.			31.35	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP11/SP12
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT
Signature
Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSanza
Signature: Brandon DiSanza
Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
27900H1

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Pcarpenter
Signature: Pcarpenter
Date: Month 9 Day 10 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK
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Ticket # 2790102

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/10/2019
TIME IN: 10:59 AM TIME OUT: 11:12 AM

CSRLF Contaminated Soil to RLF 29.05 tn

Gross: 104,420... Tare : 46,320 Lbs Net: 58,100 Lbs
Scale: 5 Scale: 5 **29.05 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/10/2019 Time: 10:59 AM
TICKET AMOUNT

CS0719-09 182

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

175

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number: 192/156
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			2905	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP12
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Crouse
Signature
Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2790102

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Parpenter
Signature: Parpenter
Date: Month 9 Day 10 Year 19

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PRINTED WITH SOY INK

Ticket # 2790186

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/10/2019
TIME IN: 11:55 AM TIME OUT: 12:09 PM

CSRLF Contaminated Soil to RLF 26.19 tn

Gross: 96,160 Lbs Tare : 43,780 Lbs Net: 52,380 Lbs
Scale: 5 Scale: 5 **26.19 tn**

Route: Truck:
Profile Number: **CS07199**
Date: 9/10/2019 Time: 11:54 AM
TICKET AMOUNT

Brandon O'Brien

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

176

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312		5900 Success Drive; Lot 3A Rome NY	
4. Generator's Phone (850 228-9421)			
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name 633	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			26.19	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP12

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT — Signature: [signature] — Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante — Signature: Brandon DiSante — Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2790186

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paraponters — Signature: Paraponter — Date: Month 9 Day 10 Year 19

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Ticket # 2790239

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/10/2019
TIME IN: 12:43 PM TIME OUT: 12:52 PM

CSRLF Contaminated Soil to RLF 29.16 tn

Gross: 104,600... Tare : 46,280 Lbs Net: 58,320 Lbs
Scale: 5 Scale: 5 **29.16 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/10/2019 Time: 12:43 PM
TICKET AMOUNT

CS/0719-09/ 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

177

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number: 192/156

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			29.16	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP12

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bob Crowe — Signature — Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2790239

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Ranponter — Signature — Date: Month 9 Day 10 Year 19

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Ticket # 2790326

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/10/2019
TIME IN: 1:45 PM TIME OUT: 2:04 PM

CSRLF Contaminated Soil to RLF 34.44 tn

Gross: **112,620...** Tare : **43,740 Lbs** Net: **68,880 Lbs**
Scale: 5 Scale: 5 **34.44 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/10/2019 Time: 1:44 PM
TICKET AMOUNT

Brandon DiSanto

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

178

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~55~~ 30	T
b.			34.44	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP12
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2790326

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 10 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2790391

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/10/2019
TIME IN: 2:27 PM TIME OUT: 2:45 PM

CSRLF Contaminated Soil to RLF 31.83 tn

Gross: 109,880... Tare : 46,220 Lbs Net: 63,660 Lbs
Scale: 5 Scale: 5 **31.83 tn**

Route: Truck:
Profile Number: **CS071809**
Date: 9/10/2019 Time: 2:27 PM
TICKET AMOUNT

CS/0719-009/192

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

179

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			31.83	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP12
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 10 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Crowe
Signature
Date: Month 9 Day 10 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2790391

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 10 Year 19

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PRINTED WITH SOY INK

Ticket # 2790623

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/11/2019
TIME IN: 8:37 AM TIME OUT: 8:53 AM

CSRLF Contaminated Soil to RLF 31.88 tn

Gross: 110,660... Tare : 46,900 Lbs Net: 63,760 Lbs
Scale: 5 Scale: 5 **31.88 tn**

Route: Truck:
Profile Number: CS071909
Date: 9/11/2019 Time: 8:36 AM
TICKET AMOUNT

CS/0719-09/ 192

WEIGHTMASTER: PATTY

Thanks

✓

NON-HAZARDOUS WASTE MANIFEST

180

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

4. Generator's Phone (850) 228-9421

5900 Success Drive; Lot 3A

Rome NY

5. Transporter 1 Company Name	6. US EPA ID Number	
Paragon Environmental Construction, Inc.	NYR 000119289	A. State Transporter's ID 7A-516
		B. Transporter 1 Phone (315) 699-0840
7. Transporter 2 Company Name 192	8. US EPA ID Number	C. State Transporter's ID 46267TR
		D. Transporter 2 Phone
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID
		F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			31.88	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil SP12

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
CJ Brown CS Agent for GEMT	[signature]	9	11	19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Terry Whitaker	[signature]	9	11	19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

2790623

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
[signature]	[signature]	9	11	19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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1780 Rte 12B O.F.

Ticket # 2790618

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/11/2019
TIME IN: 8:35 AM TIME OUT: 8:51 AM

CSRLF Contaminated Soil to RLF 31.78 tn

Gross: 107,660... Tare : 44,100 Lbs Net: 63,560 Lbs
Scale: 5 Scale: 5 **31.78 tn**

Route: Truck.
Profile Number: CS0719-0
Date: 9/11/2019 Time: 8:34 AM
TICKET AMOUNT

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

181

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone 850 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 683
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			31.78	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP12
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 11 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiEnsto
Signature: Brandon DiEnsto
Date: Month 9 Day 11 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
2790618

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 11 Year 19

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

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PRINTED WITH SOY INK

Ticket # 2780743

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/11/2019
TIME IN: 10:13 AM TIME OUT: 10:25 AM

CSRLF Contaminated Soil to RLF 29.27 tn

Gross: 104,360... Tare . 45,820 Lbs Net: 58,540 Lbs
Scale: 5 Scale: 5 **29.27 tn**

Route: Truck:
Profile Number: CS071909
Date: 9/11/2019 Time: 10:13 AM
TICKET AMOUNT

CS/0719-09 192

WEIGHTMASTER: PATTY
Thanks

1

NON-HAZARDOUS WASTE MANIFEST

182

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID: 40226 TR
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			29.27	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil SP12
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT
Signature
Date: Month 9 Day 11 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Terry Whitaker
Signature
Date: Month 9 Day 11 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
2790743

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: R Carpenter
Signature
Date: Month 9 Day 11 Year 19

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

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Ticket # 2790759

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/11/2019

TIME IN: 10:22 AM TIME OUT: 10:35 AM

CSRLF Contaminated Soil to RLF 28.69 tn

Gross: **101,300...** Tare : **43,920 Lbs** Net: **57,380 Lbs**

Scale: 5 Scale: 5 **28.69 tn**

Route: Truck:

Profile Number: **CS071909**

Date: 9/11/2019 Time: 10:22 AM

TICKET AMOUNT

Brandon DiSando

CS/0719-09/ 633

WEIGHTMASTER: PATTY

Thanks

2

NON-HAZARDOUS WASTE MANIFEST

183

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est	T
b.			28.69	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Contaminated Soil
SP12
Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 11 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brandon DiSante
Signature: Brandon DiSante
Date: Month 9 Day 11 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2790759

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Pcarpenter
Signature: Pcarpenter
Date: Month 9 Day 11 Year 19

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Ticket # 2793359

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 7:36 AM TIME OUT: 7:44 AM

CSRLF Contaminated Soil to RLF 27.93 tn

Gross: **83,600 Lbs** Tare : **27,740 Lbs** Net: **55,860 Lbs**

Scale: 5 Scale: 5 **27.93 tn**

Route: Truck:

Profile Number: **CS091906**

Date: 9/17/2019 Time: 7:35 AM

TICKET AMOUNT

CS/0919-06/

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

01$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 131

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			27.93	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tonco Whitmarsh | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

27.93 359

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: R Carpenter | Signature: R Carpenter | Date: Month 9 Day 17 Year 19

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19-0120

Ticket # 2793360

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

TRL 630

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # 2019
DATE 9/17/2019
TIME IN 7 39 AM TIME OUT 7 59 AM

CSRLF Contaminated Soil to RLF 27 78 tn

Gross **84,200 Lbs** Tare **28,640 Lbs** Net **55,560 Lbs**

Scale 5 Scale 5 **27.78 tn**

Route Truck
Profile Number **CS091906**
Date 9/17/2019 Time 7 39 AM
TICKET AMOUNT

CS/0919-06/ 630

WEIGHTMASTER PATTY

Thanks

RK 650 2

NON-HAZARDOUS WASTE MANIFEST

02$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A 516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			27.78	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brancs Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete Bom | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2793360

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 17 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190/20 DB

600/645

Ticket # 2793365

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**
TRAILER #
ORDER # 2019
DATE 9/17/2019
TIME IN: 7:46 AM TIME OUT: 7:52 AM

CSRLF Contaminated Soil to RLF 30.36 tn

Gross **103,660...** Tare **42,940 Lbs** Net **60,720 Lbs**
Scale 5 Scale 5 **30.36 tn**

Route Truck
Profile Number **CS091906**
Date 9/17/2019 Time 7:45 AM
TICKET AMOUNT

CS/0919-06/ 600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

035

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive; Lot 3A Rome NY	
4. Generator's Phone (850 228-9421)			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516	
		B. Transporter 1 Phone: (315) 699-0840 12246MB	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone: (315) 942-5890	

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 30	T
b.			30.36	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
CJ Brancus Agent for GEMT		9 17 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: D Brookway	Signature	9 17 19
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

219365

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Rampenter	Rampenter	9 17 19

NON-HAZARDOUS WASTE

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Ticket # 2793391

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.4**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 8:13 AM TIME OUT: 8:25 AM

CSRLF Contaminated Soil to RLF 28.29 tn

Gross: 87,680 Lbs Tare : 31,100 Lbs Net: 56,580 Lbs

Scale: 5 Scale: 5 **28.29 tn**

Route: Truck:

Profile Number: **CS091908**

Date: 9/17/2019 Time: 8:12 AM

TICKET AMOUNT

CS/091908/ 616

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

04$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 616

8. US EPA ID Number

C. State Transporter's ID: 55230 MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 20	T
b.			2829	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793391

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 17 Year 19

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Ticket # 2793412

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.5**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 8:28 AM TIME OUT: 8:40 AM

CSRLF Contaminated Soil to RLF 37.79 tn

Gross: **119,400...** Tare : **43,820 Lbs** Net: **75,580 Lbs**

Scale: 5 Scale: 5 **37.79 tn**

Route: Truck:

Profile Number. **CS0919-0**

Date: 9/17/2019 Time: 8:27 AM

TICKET AMOUNT

Brandon Disando

CS/0919-06/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

055

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

633

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			37.79	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJBraun CS Agent for GEMT

Signature

Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiFonte

Signature: Brandon DiFonte

Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793412

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2793450

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 9:04 AM TIME OUT: 9:11 AM

CSRLF Contaminated Soil to RLF 23.16 tn

Gross: **74,040 Lbs** Tare **27,720 Lbs** Net: **46,320 Lbs**

Scale: 5 Scale: 5 **23.16 tn**

Route: Truck:

Profile Number: **CS091906**

Date: 9/17/2019 Time: 9:03 AM

TICKET AMOUNT

1

NON-HAZARDOUS WASTE MANIFEST

06S

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address 4. Generator's Phone (850 228-9421)	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive; Lot 3A Rome NY	
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			23.16	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month Day Year
CJ Brown as Agent for GEMT	[signature]	9 17 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Tonio Wuthrich	[signature]	9 17 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

2793450

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month Day Year
Paraponler	Paraponler	9 17 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190120 DB 600/643

Ticket # 2793457

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID. **1121.2**
TRAILER #
ORDER # 2019
DATE 9/17/2019
TIME IN 9 08 AM TIME OUT 9 20 AM

CSRLF Contaminated Soil to RLF 29 43 tn

Gross **101,720.** Tare **42,860 Lbs** Net **58,860 Lbs**
Scale 6 Scale 5 **29.43 tn**

Route Truck
Profile Number **CS091906**
Date 9/17/2019 Time 9 08 AM
TICKET AMOUNT

CS0919-06/ 600

WEIGHTMASTER PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

07$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840
17246MB

7. Transporter 2 Company Name: 600/643
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			29.43	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Parking Lot Subbase
Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Brockway
Signature
Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2793457

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: R Carpenter
Signature: R Carpenter
Date: Month 9 Day 17 Year 19

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PRINTED WITH SOY INK

19-0120

Ticket # 2793466

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

TRK 630

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664,MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.3**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 9:19 AM TIME OUT: 9:26 AM

CSRLF Contaminated Soil to RLF 25.38 tn

Gross: **79,400 Lbs** Tare: **28,640 Lbs** Net: **50,760 Lbs**

Scale: 5 Scale: 5 **25.38 tn**

Route: Truck:

Profile Number **CS001906**

Date: 9/17/2019 , Time: 9:18 AM

TICKET AMOUNT

CS/0919-06/ 630

WEIGHTMASTER PATTY

Thanks

PR 630 3

NON-HAZARDOUS WASTE MANIFEST

085

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-518

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 28	T
b.			2538	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number: OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brancs Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete B | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793466

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pampenter | Signature: Pampenter | Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2793494

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/17/2019
TIME IN: 9:46 AM TIME OUT: 9:52 AM

CSRLF Contaminated Soil to RLF 26.23 tn

Gross: **83,480 Lbs** Tare : **31,020 Lbs** Net: **52,460 Lbs**

Scale: 5 Scale: 5 **26.23 tn**

Route: Truck:
Profile Number: **CS091906**
Date: 9/17/2019 Time: 9:45 AM
TICKET AMOUNT

CS/0919-06/ 616

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

095

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR000119289

A. State Transporter's ID 7A-516
B. Transporter 1 Phone (315) 699-0840

7. Transporter 2 Company Name: 616
8. US EPA ID Number

C. State Transporter's ID 55250 MM
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			2623	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Parking Lot Subbase
Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Ayotte
Signature
Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2793494

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: R Carpenter
Signature: R Carpenter
Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

GENERATOR

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Ticket # 2793518

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
6684 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 10:05 AM TIME OUT: 10:13 AM

CSRLF Contaminated Soil to RLF 37.05 tn

Gross: **117,860...** Tare : **43,760** Lbs Net: **74,100** Lbs

Scale: 5 Scale: 5 **37.05 tn**

Route: Truck:

Profile Number: **CS091909**

Date: 9/17/2019 Time: 10:05 AM

TICKET AMOUNT

Brandon Dis

CS/0919-06/ 633

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

10$

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			37.05	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793518

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2793540

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8861

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE. 9/17/2019

TIME IN: 10:26 AM TIME OUT: 10:32 AM

CSRLF Contaminated Soil to RLF 22.64 tn

Gross: **72,940 Lbs** Tare : **27,660 Lbs** Net: **45,280 Lbs**

Scale: 5 Scale: 5 **22.64 tn**

Route: Truck:

Profile Number. **CS091906**

Date: 9/17/2019 Time: 10:24 AM

TICKET AMOUNT

CS/0919-06 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

115

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

131

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			22.64	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown cs Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Yonco Edinthrich | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2793540

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: R Carpenter | Signature | Date: Month 9 Day 17 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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190/20 DB
600
643

Ticket # 2793548

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.1**
TRAILER #
ORDER # : 2019
DATE 9/17/2019
TIME IN 10:35 AM TIME OUT 10:42 AM

CSRLF Contaminated Soil to RLF 27.86 tn

Gross **98,420 Lbs** Tare **42,700 Lbs** Net **55,720 Lbs**

Scale 5 Scale 5 **27.86 tn**

Route Truck
Profile Number **CS091909**
Date: 9/17/2019 Time 10:34 AM
TICKET AMOUNT

CS/0919-09/ 600

WEIGHTMASTER PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

125

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 17246 MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 30	T
b.			27.86	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793548

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature | Date: Month 9 Day 17 Year 19

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19-0120

Ticket # 2793566 T.L. 630

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # 2019
DATE 9/17/2019
TIME IN 10:49 AM TIME OUT 10:56 AM

CSRLF Contaminated Soil to RLF 25.44 tn

Gross: **79,420 Lbs** Tare **28,540 Lbs** Net **50,880 Lbs**

Scale: 5 Scale 5 **25.44 tn**

Route: Truck
Profile Number: **CS091906**
Date: 9/17/2019 Time: 10:48 AM
TICKET AMOUNT

JFF 630

CS/0919-06/ 630

WEIGHTMASTER PATTY

Thanks

TRX 630 2

NON-HAZARDOUS WASTE MANIFEST

13$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			25.44	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Parking Lot Subbase
Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT
Signature
Date: Month 9 Day 17 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete
Signature: Pete
Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
27935lbs

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Carpenter
Signature: Carpenter
Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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Ticket # 2793603

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/17/2019
TIME IN: 11:15 AM TIME OUT: 11:24 AM

CSRLF Contaminated Soil to RLF 25.04 tn

Gross: **81,020 Lbs** Tare : **30,940 Lbs** Net: **50,080 Lbs**
Scale: 5 Scale: 5 **25.04 tn**

Route: Truck:
Profile Number: **CS091808**
Date: 9/17/2019 Time 11:14 AM
TICKET AMOUNT

CS/0919-06/ 616

WEIGHTMASTER. PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

145

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 6116

8. US EPA ID Number

C. State Transporter's ID: 55230 MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			25.04	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Aiotte | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793603

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature | Date: Month 9 Day 17 Year 19

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Ticket # 2793630

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 11:33 AM TIME OUT: 11:44 AM

CSRLF Contaminated Soil to RLF 34.28 tn

Gross: **112,220...** Tare : **43,660 Lbs** Net: **68,560 Lbs**

Scale: 5 Scale: 5 **34.28 tn**

Route: Truck:

Profile Number: **CS091906**

Date: 9/17/2019 Time: 11:32 AM

TICKET AMOUNT

Brandon DiSonze

CS/0919-06/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

15 S

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			3428	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

279

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: R Carpenter | Signature: R Carpenter | Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2793653

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 11:51 AM TIME OUT: 12:01 PM

CSRLF Contaminated Soil to RLF 21.52 tn

Gross: **70,600 Lbs** Tare : **27,560 Lbs** Net: **43,040 Lbs**

Scale: 5 Scale: 5 **21.52 tn**

Route: Truck:

Profile Number: **CS091906**

Date: 9/17/2019 Time: 11:51 AM

TICKET AMOUNT

CS/0919-06/ 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

16$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-546

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			21.52	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Yonco Eluthrich | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793653

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paupedo | Signature: Paupedo | Date: Month 9 Day 17 Year 19

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190120 DB
600
643

Ticket # 2793657

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 11:54 AM TIME OUT: 12:04 PM

CSRLF Contaminated Soil to RLF 26.49 tn

Gross: **95,680 Lbs** Tare : **42,700 Lbs** Net: **52,980 Lbs**

Scale: 5 Scale: 5 **26.49 tn**

Route: Truck:

Profile Number: **CS091808**

Date: 9/17/2019 Time: 11:54 AM

TICKET AMOUNT

CS/0919-06/ 600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address	Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312	5900 Success Drive, Lot 3A Rome NY	
4. Generator's Phone (850) 228-9421			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516	
		B. Transporter 1 Phone: (315) 699-0840	
7. Transporter 2 Company Name: 600/643	8. US EPA ID Number	C. State Transporter's ID: 1224MB	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone: (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			26.49	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
CJ Brancas Agent for GEMT		9 17 19

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: D Brockway	Signature	9 17 19
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

2793652

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
T Carpenter	T Carpenter	9 17 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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19-0120

Ticket # 2793675

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

TRL 6'30

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.1**
TRAILER #
ORDER # 2019
DATE 9/17/2019
TIME IN 12 11 PM TIME OUT 12 18 PM

CSRLF Contaminated Soil to RLF 23 5 tn

Gross **75,480** Lbs Tare **28,480** Lbs Net **47,000** Lbs
Scale 5 Scale 5 **23.50 tn**

Route Truck
Profile Number **CS081906**
Date 9/17/2019 Time 12 11 PM
TICKET AMOUNT

CS/0919-06/ 630

WEIGHTMASTER: PATTY

Thanks

TRL
C30

NON-HAZARDOUS WASTE MANIFEST

18$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			23.50	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete B — Signature — Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 279365

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: Carpenter — Signature: Carpenter — Date: Month 9 Day 17 Year 19

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Ticket # 2793707

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/17/2019
TIME IN: 12:52 PM TIME OUT: 12:58 PM

CSRLF Contaminated Soil to RLF 21.86 tn

Gross: **74,580 Lbs** Tare : **30,860 Lbs** Net: **43,720 Lbs**

Scale: 5 Scale: 5 **21.86 tn**

Route: Truck:
Profile Number: **CS091906**
Date: 9/17/2019 Time: 12:51 PM
TICKET AMOUNT

CS/0919-06/ 616

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

195

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 6116

8. US EPA ID Number

C. State Transporter's ID: 55230 MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 21.86	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brennan Agent for GEMT

Signature

Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte

Signature

Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793707

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rcarpenter

Signature: Rcarpenter

Date: Month 9 Day 17 Year 19

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Ticket # 2793733

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 1:13 PM TIME OUT: 1:19 PM

CSRLF Contaminated Soil to RLF 24.48 tn

Gross: **76,500 Lbs** Tare : **27,540 Lbs** Net: **48,960 Lbs**

Scale: 5 Scale: 5 **24.48 tn**

Route: Truck:

Profile Number: **CS091906**

Date: 9/17/2019 Time 1:12 PM

TICKET AMOUNT

CS/0919-06/ 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

205

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 31

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			24.48	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Braun as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jonce Wuthrich | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2793733

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature | Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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Ticket # 2793737

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 1:16 PM TIME OUT: 1:24 PM

CSRLF Contaminated Soil to RLF 26.61 tn

Gross: **95,760 Lbs** Tare : **42,540 Lbs** Net: **53,220 Lbs**

Scale: 5 Scale: 5 **26.61 tn**

Route: Truck:

Profile Number: **CS091906**

Date: 9/17/2019 Time: 1:16 PM

TICKET AMOUNT

CS/0919-06/ 600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

21$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address Greenfield Environmental Multistate Trust LLC 1400 Village Square Blvd., Ste. 3-144 Tallahassee, FL 32312		5900 Success Drive; Lot 3A Rome NY	
4. Generator's Phone (850) 228-9421			
5. Transporter 1 Company Name Paragon Environmental Construction, Inc.	6. US EPA ID Number NYR 000119289	A. State Transporter's ID 7A-516 B. Transporter 1 Phone (315) 699-0840	
7. Transporter 2 Company Name 600 6CB	8. US EPA ID Number	C. State Transporter's ID 17246MB D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Oneida Herkimer Solid Waste Mgmt Authority 7044 State Rt. 294 Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			25.61	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month Day Year
CJ Brown CS Agent for GEMT	[signature]	9 17 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
P Brockway	[signature]	9 17 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

2793737

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month Day Year
Rarpenter	Rarpenter	9 17 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2793760

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-6661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/17/2019
TIME IN: 1:34 PM TIME OUT: 1:48 PM

CSRLF Contaminated Soil to RLF 34.18 tn

Gross: 111,960... Tare : 43,600 Lbs Net: 68,360 Lbs
Scale: 5 Scale: 5 **34.18 tn**

Route: Truck:
Profile Number: CS0919-0
Date: 9/17/2019 Time: 1:33 PM
TICKET AMOUNT

CS/0919-06/ 633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

22$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			34.18	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793750

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rapporter | Signature: Rapporter | Date: Month 9 Day 17 Year 19

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19-0120

Ticket # 2793765

TRK 650

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # 2019
DATE: 9/17/2019
TIME IN: 1:42 PM TIME OUT: 1:54 PM

CSRLF Contaminated Soil to RLF 24.11 tn

Gross: **78,660 Lbs** Tare: **28,440 Lbs** Net: **48,220 Lbs**

Scale: 5 Scale: 5 **24.11 tn**

Route: Truck:
Profile Number: **CS091906**
Date: 9/17/2019 Time: 1:41 PM
TICKET AMOUNT

650

CS/0919-06/ 630

WEIGHTMASTER: PATTY

Thanks

TR 630

NON-HAZARDOUS WASTE MANIFEST

23 $

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			24.11	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number: OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2793765

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paragon | Signature: Paragon | Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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PRINTED WITH SOY INK

Ticket # 2793805

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/17/2019
TIME IN: 2:13 PM TIME OUT: 2:21 PM

CSRLF Contaminated Soil to RLF 22 tn

Gross: **74,780 Lbs** Tare : **30,780 Lbs** Net: **44,000 Lbs**

Scale: 5 Scale: 5 **22.00 tn**

Route: Truck:
Profile Number: **CS091806**
Date: 9/17/2019 Time: 2:12 PM
TICKET AMOUNT

CS/0919-06/616

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

24S

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: Cello

8. US EPA ID Number

C. State Transporter's ID: 55230 MM

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			22.00	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte | Signature | Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2793805

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rampenter | Signature | Date: Month 9 Day 17 Year 19

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Ticket # 2793831

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/17/2019

TIME IN: 2:37 PM TIME OUT: 2:44 PM

CSRLF Contaminated Soil to RLF 21.68 tn

Gross: **70,860 Lbs** Tare : **27,500 Lbs** Net: **43,360 Lbs**

Scale: 5 Scale: 5 **21.68 tn**

Route: Truck:

Profile Number: **CS091806**

Date: 9/17/2019 Time: 2:36 PM

TICKET AMOUNT

CS/0919-06/ 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

25$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: B1

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			21.68	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Parking Lot Subbase
Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name: CJ Braun as Agent for PEMT
Signature
Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Tonio Wuthrich
Signature
Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2743831

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: R Carpenter
Signature: R Carpenter
Date: Month 9 Day 17 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2793838

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/17/2019
TIME IN: 2:41 PM TIME OUT: 2:59 PM

CSRLF Contaminated Soil to RLF 28.82 tn

Gross: **100,660...** Tare : **43,020 Lbs** Net: **57,640 Lbs**
Scale: 5 Scale: 5 **28.82 tn**

Route: Truck:
Profile Number: **CS091806**
Date: 9/17/2019 Time: 2:41 PM
TICKET AMOUNT

CS/0-19-06/600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

26.5

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643
8. US EPA ID Number

C. State Transporter's ID: 122KMP
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			2882	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Parking Lot Subbase
Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 17 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: D Proctway
Signature
Date: Month 9 Day 17 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2793838

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: R Carpenter
Signature: R Carpenter
Date: Month 9 Day 17 Year 19

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Ticket # 2794435

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**

TRAILER #

ORDER # : 2019

DATE: 9/18/2019

TIME IN: 1:24 PM TIME OUT: 1:35 PM

CSRLF Contaminated Soil to RLF 19.78 tn

Gross: **67,120 Lbs** Tare : **27,560 Lbs** Net: **39,560 Lbs**

Scale: 5 Scale: 5 **19.78 tn**

Route: Truck.

Profile Number: **CS091906**

Date: 9/18/2019 Time 1:23 PM

TICKET AMOUNT

CS/0919-06/ 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

184

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 131

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			19.78	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP13

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brouncs Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ronco Withnell | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2794435

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 18 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2794476

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5884 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 1:51 PM TIME OUT: 2:04 PM

CSRLF Contaminated Soil to RLF 30.63 tn

Gross: **107,880...** Tare : **46,620 Lbs** Net: **61,260 Lbs**
Scale: 5 Scale: 5 **30.63 tn**

Route: Truck
Profile Number: **CS081806**
Date: 9/18/2019 Time. 1:51 PM
TICKET AMOUNT

CS/099-06/ 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

185

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est. 30	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP13

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiFante | Signature: Brandon DiFante | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794476

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: R Carpenter | Signature: R Carpenter | Date: Month 9 Day 18 Year 19

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190/20 DB
609/643

Ticket # 2794507

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # . 2019
DATE: 9/18/2019
TIME IN: 2:16 PM TIME OUT: 2:38 PM

CSRLF Contaminated Soil to RLF 26.95 tn

Gross: **95,780 Lbs** Tare : **41,880 Lbs** Net: **53,900 Lbs**
Scale: 5 Scale: 5 **26.95 tn**

Route: Truck:
Profile Number. **CS071909**
Date: 9/18/2019 Time: 2:16 PM
TICKET AMOUNT

CS/ 0719-09/600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

186

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 12240MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP13

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJBrown as Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794507

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature | Date: Month 9 Day 18 Year 19

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Ticket # 2793998

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-6661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/18/2019

TIME IN: 7:19 AM TIME OUT: 7:30 AM

CSRLF Contaminated Soil to RLF 23.26 tn

Gross: **74,320 Lbs** Tare : **27,800 Lbs** Net: **46,520 Lbs**

Scale: 5 Scale: 5 **23.26 tn**

Route: Truck:

Profile Number: **CS091908**

Date: 9/18/2019 Time: 7:18 AM

TICKET AMOUNT

CS/0919-06/ 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

275

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			23.26	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brancus Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ronco Guthrich | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2793-98

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Pomponio | Signature: Pomponio | Date: Month 9 Day 18 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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19-0120

Ticket # 2794008

TR# 630

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # 2019
DATE: 9/18/2019
TIME IN 7 32 AM TIME OUT 7 42 AM

CSRLF Contaminated Soil to RLF 25 69 tn

Gross **80,040 Lbs** Tare **28,660 Lbs** Net **51,380 Lbs**

Scale 5 Scale 5 **25.69 tn**

Route Truck
Profile Number **CS091906**
Date 9/18/2019 Time 7 31 AM
TICKET AMOUNT

CS/0919-06/ 630

WEIGHTMASTER PATTY

Thanks

TRK 650

NON-HAZARDOUS WASTE MANIFEST

28$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.
6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name
8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	est 20	T
b.			2569	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Parking Lot Subbase
Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT
Signature
Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Peter
Signature
Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
274008

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Pompeter
Signature
Date: Month 9 Day 18 Year 19

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19120 DB
CO/643

Ticket # 2794011

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.3**
TRAILER #
ORDER # 2019
DATE 9/18/2019
TIME IN 7:39 AM TIME OUT 7 50 AM

CSRLF Contaminated Soil to RLF 29 38 tn

Gross **101,640...** Tare **42,880 Lbs** Net **58,760 Lbs**
Scale 5 Scale 5 **29.38 tn**

Route Truck
Profile Number **CS091906**
Date 9/18/2019 Time 7 38 AM
TICKET AMOUNT

CS/0919-06/ 600

WEIGHTMASTER PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

29$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 12246 ME

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 30	T
b.			29.38	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: DBrockway — Signature — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

2794011

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature: Carpenter — Date: Month 9 Day 18 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Ticket # 2794044

Oneida-Herkimer Solid Waste

Management Authority

1600 Genesee Street

Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
3664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.4**

TRAILER #

ORDER # : 2019

DATE: 9/18/2019

TIME IN: 8:12 AM TIME OUT: 8:30 AM

CSRLF Contaminated Soil to RLF 27.06 tn

Gross: **82,560 Lbs** Tare : **28,440 Lbs** Net: **54,120 Lbs**

Scale: 5 Scale: 5 **27.06 tn**

Route: Truck:

Profile Number: **CS091908**

Date: 9/18/2019 Time: 8:12 AM

TICKET AMOUNT

CS/0919-08/ 164

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

30$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840 61302MM

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			27.60	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards — Signature — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space: 2744044

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature: Carpenter — Date: Month 9 Day 18 Year 19

GENERATOR — TRANSPORTER — FACILITY — NON-HAZARDOUS WASTE

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Ticket # 2794052

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.6**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 8:20 AM TIME OUT: 8:37 AM

CSRLF Contaminated Soil to RLF 24.15 tn

Gross: **79,440 Lbs** Tare : **31,140 Lbs** Net: **48,300 Lbs**

Scale: 5 Scale: 5 **24.15 tn**

Route: Truck:
Profile Number: **CS091906**
Date: 9/18/2019 Time: 8:19 AM
TICKET AMOUNT

CS/0919-08/ 616

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

31$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A 516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 616

8. US EPA ID Number

C. State Transporter's ID: 55230

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			24.15	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Ayotte — Signature — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794052

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature: Carpenter — Date: Month 9 Day 18 Year 19

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Ticket # 2794085

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/18/2019

TIME IN: 8:44 AM TIME OUT: 8:55 AM

CSRLF Contaminated Soil to RLF 36.38 tn

Gross: 119,660... Tare : 46,900 Lbs Net: 72,760 Lbs

Scale: 5 Scale: 5 **36.38 tn**

Route: Truck:

Profile Number: **CS091908**

Date: 9/18/2019 Time: 8:44 AM

TICKET AMOUNT

CS/0919-06/ 192

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

32$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			36.38	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante — Signature: Brandon DiSante — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

2794085

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rcarpenter — Signature: Rcarpenter — Date: Month 9 Day 18 Year 19

GENERATOR — TRANSPORTER — FACILITY — NON-HAZARDOUS WASTE

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Ticket # 2794086

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-6661

TRUCK ID: **1121.2**
TRAILER #
ORDER # . 2019
DATE: 9/18/2019
TIME IN: 8:46 AM TIME OUT: 8:56 AM

CSRLF Contaminated Soil to RLF 21.44 tn

Gross: **70,660 Lbs** Tare : **27,780 Lbs** Net. **42,880 Lbs**

Scale: 5 Scale: 5 **21.44 tn**

Route: Truck:
Profile Number: **CS091908**
Date: 9/18/2019 Time: 8:45 AM
TICKET AMOUNT

CS/0919-08/ 131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

33$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			21.44	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR — Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Ronald Wuthrich — Signature — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 2794086

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature — Date: Month 9 Day 18 Year 19

NON-HAZARDOUS WASTE

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190120 DB
600
643

Ticket # 2794114

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 9:14 AM TIME OUT: 9:24 AM

CSRLF Contaminated Soil to RLF 28.25 tn

Gross: **99,280 Lbs** Tare : **42,780 Lbs** Net: **56,500 Lbs**
Scale: 5 Scale: 5 **28.25 tn**

Route: Truck:
Profile Number: **CS091806**
Date: 9/18/2019 Time: 9:13 AM
TICKET AMOUNT

CS/0919-06/ 600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

345

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840 17246MB

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			28.25	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2794114

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: R Ramponter | Signature: R Ramponter | Date: Month 9 Day 18 Year 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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19 0120

Ticket # 2794122

TWL 650

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.2**
TRAILER #
ORDER # 2019
DATE: 9/18/2019
TIME IN 9:18 AM TIME OUT 9:29 AM

CSRLF Contaminated Soil to RLF 22.63 tn

Gross **73,880 Lbs** Tare **28,620 Lbs** Net **45,260 Lbs**

Scale 5 Scale 5 **22.63 tn**

Route Truck
Profile Number **CS001906**
Date 9/18/2019 Time 9:17 AM
TICKET AMOUNT

Pass 630

CS/0919-06/ 630

WEIGHTMASTER PATTY

Thanks

TML 650

NON-HAZARDOUS WASTE MANIFEST

355

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 22.00	T
b.			22.63	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete Bovenzi | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space: 2794/22

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 18 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2794163

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 9:47 AM TIME OUT: 9:54 AM

CSRLF Contaminated Soil to RLF 23.95 tn

Gross: **76,280 Lbs** Tare : **28,380 Lbs** Net: **47,900 Lbs**

Scale: 5 Scale: 5 **23.95 tn**

Route: Truck:
Profile Number. **CS091906**
Date: 9/18/2019 Time: 9.46 AM
TICKET AMOUNT

CS/0919-06/ 164

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

36$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive; Lot 3A
Rome NY

4. Generator's Phone (850 228-9421)

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154
6. US EPA ID Number: NYR 000119289
A. State Transporter's ID: 7A-516
B. Transporter 1 Phone: (315) 699-0840 6190214

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20 23.95	T
b.				
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above
a) Parking Lot Subbase
Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT
Signature
Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Edwards
Signature
Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2794163

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name: Rarpenter
Signature: Rarpenter
Date: Month 9 Day 18 Year 19

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PRINTED WITH SOY INK

Ticket # 2794197

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/18/2019

TIME IN: 10:14 AM TIME OUT: 10:23 AM

CSRLF Contaminated Soil to RLF 34.95 tn

Gross: 116,700... Tare : 46,800 Lbs Net: 69,900 Lbs

Scale: 5 Scale: 5 **34.95 tn**

Route: Truck:

Profile Number: **CS091908**

Date: 9/18/2019 Time: 10:14 AM

TICKET AMOUNT

Brandon D Fisher

CS/0919-06/ 192

WEIGHTMASTER: PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

37$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A 516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			34.95	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794197

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rampenter | Signature: Rampenter | Date: Month 9 Day 18 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2794204

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-9691

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 10:19 AM TIME OUT: 10:36 AM

CSRLF Contaminated Soil to RLF 21.65 tn

Gross: 70,960 Lbs Tare : 27,660 Lbs Net: 43,300 Lbs
Scale: 5 Scale: 5 **21.65 tn**

Route: Truck:
Profile Number: CS091906
Date: 9/18/2019 Time: 10:19 AM
TICKET AMOUNT

CS/0919-06/131

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

38$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 20	T
b.			21.65	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Joaco Martinez — Signature — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

2794204

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paraparte — Signature — Date: Month 9 Day 18 Year 19

GENERATOR — TRANSPORTER — FACILITY — NON-HAZARDOUS WASTE

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190120 DB
600
6613

Ticket # 2794243

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.1**
TRAILER #
ORDER # 2019
DATE 9/18/2019
TIME IN 10:52 AM TIME OUT 11:07 AM

CSRLF Contaminated Soil to RLF 26.56 tn

Gross: **94,680 Lbs** Tare **41,560 Lbs** Net **53,120 Lbs**

Scale 5 Scale 5 **26.56 tn**

Route Truck
Profile Number **CS091906**
Date 9/18/2019 Time 10:51 AM
TICKET AMOUNT

CS/0919-06/ 600

WEIGHTMASTER PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

39$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 1224MB

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			26.56	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown cs Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brockway — Signature — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794243

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: P Carpenter — Signature: P Carpenter — Date: Month 9 Day 18 Year 19

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19-0120

Ticket # 2794261

Oneida-Herkimer Solid Waste Management Authority
1600 Genesee Street
Utica New York, 13502

TNL 650

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # . 2019
DATE: 9/18/2019
TIME IN: 11:01 AM TIME OUT: 11:11 AM

CSRLF Contaminated Soil to RLF 23.87 tn

Gross: **76,260 Lbs** Tare: **28,520 Lbs** Net: **47,740 Lbs**

Scale: 5 Scale: 5 **23.87 tn**

Route: Truck:
Profile Number: **CS091906**
Date: 9/18/2019 Time: 11:00 AM
TICKET AMOUNT

CS/0919-06/ 630

WEIGHTMASTER. PATTY

Thanks

TRK 650

NON-HAZARDOUS WASTE MANIFEST

40$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			2387	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for SEMT | Signature | Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Peter Bouzan | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2794261

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: R Carpenter | Signature: R Carpenter | Date: Month 9 Day 18 Year 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2794313

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/18/2019

TIME IN: 11:34 AM TIME OUT: 11:50 AM

CSRLF Contaminated Soil to RLF 24.03 tn

Gross: **76,380 Lbs** Tare : **28,320 Lbs** Net: **48,060 Lbs**

Scale: 5 Scale: 5 **24.03 tn**

Route: Truck:

Profile Number. **CS091906**

Date: 9/18/2019 Time: 11:33 AM

TICKET AMOUNT

CS0919-06/ 154

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

415

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840 6/807MM

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			24.03	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794/313

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 18 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2794332

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # : 2019

DATE: 9/18/2019

TIME IN: 11.55 AM TIME OUT: 12:05 PM

CSRLF Contaminated Soil to RLF 23.21 tn

Gross: **74,060 Lbs** Tare : **27,640 Lbs** Net: **46,420 Lbs**

Scale: 5 Scale: 5 **23.21 tn**

Route: Truck:

Profile Number. **CS091906**

Date: 9/18/2019 Time: 11 55 AM

TICKET AMOUNT

CS/0919-06/ 131

WEIGHTMASTER. PATTY

Thanks

1

NON-HAZARDOUS WASTE MANIFEST

42$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A 516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 131

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 20	T
b.			2321	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tonco Ellutrich — Signature — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794332

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paparlew — Signature: Paparlew — Date: Month 9 Day 18 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Ticket # 2794341

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 12:00 PM TIME OUT: 12:09 PM

CSRLF Contaminated Soil to RLF 34.5 tn

Gross: 115,760... Tare : 46,760 Lbs Net: 69,000 Lbs
Scale: 5 Scale: 5 **34.50 tn**

Route: Truck:
Profile Number: **CS091906**
Date: 9/18/2019 Time: 11:59 AM
TICKET AMOUNT

CS/0919-06/ 192

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

43$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 192

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			34.50	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794341

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Paraponter | Signature: Paraponter | Date: Month 9 Day 18 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

190120 DB
600/643

Ticket # 2794371

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL.
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 12:30 PM TIME OUT: 12:43 PM

CSRLF Contaminated Soil to RLF 30.45 tn

Gross: **102,440...** Tare : **41,540 Lbs** Net: **60,900 Lbs**
Scale: 5 Scale: 5 **30.45 tn**

Route: Truck:
Profile Number: **CS091906**
Date: 9/18/2019 Time: 12:30 PM
TICKET AMOUNT

CS/0919-06/ 600

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

445

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name: 600/643

8. US EPA ID Number

C. State Transporter's ID: 1724MS

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			30.45	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Subbase

Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D Brackway — Signature — Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794371

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature — Date: Month 9 Day 18 Year 19

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

19-0120

Ticket # 2794386 TRK 630

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York. 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY. 13029-8861

TRUCK ID: **1121.2**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 12:39 PM TIME OUT 12:54 PM

CSRLF Contaminated Soil to RLF 20.71 tn

Gross: **69,900 Lbs** Tare : **28,480 Lbs** Net: **41,420 Lbs**

Scale: 5 Scale: 5 **20.71 tn**

Route: Truck:
Profile Number: **CS091906**
Date. 9/18/2019 Time: 12:39 PM
TICKET AMOUNT

CS/0919-06/630

WEIGHTMASTER: PATTY
Thanks

TRK 630

NON-HAZARDOUS WASTE MANIFEST

45$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

2

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address
Greenfield Environmental Multistate Trust LLC
1400 Village Square Blvd., Ste. 3-144
Tallahassee, FL 32312

5900 Success Drive, Lot 3A
Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Oneida Herkimer Solid Waste Mgmt Authority
7044 State Rt. 294
Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 23.00	T
b.			20.71	
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Parking Lot Subbase
Profile Number : OHSWA CS 0919-06

H. Handling Codes for Wastes Listed Above
a) L

15. Special Handling Instructions and Additional Information
Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Pete | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space
2794385

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature | Date: Month 9 Day 18 Year 19

NON-HAZARDOUS WASTE

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Ticket # 2794423

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5864 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/18/2019
TIME IN: 1:13 PM TIME OUT: 1:26 PM

CSRLF Contaminated Soil to RLF 22.28 tn

Gross: **72,780 Lbs** Tare : **28,220 Lbs** Net: **44,560 Lbs**

Scale: 5 Scale: 5 **22.28 tn**

Route: Truck:
Profile Number: **CS091906**
Date: 9/18/2019 Time: 1:12 PM
TICKET AMOUNT

CS/0919-06 154

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

46$

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc. 154

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A 516

B. Transporter 1 Phone: (315) 699-0840 61802 Mm

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	5sb 20	T
b.			2228	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Parking Lot Sub-base

Profile Number : OHSWA CS0919-06

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 18 Year 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Edwards | Signature | Date: Month 9 Day 18 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

2794423

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Rampdev | Signature: Rampdev | Date: Month 9 Day 18 Year 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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Ticket # 2794761

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/19/2019
TIME IN: 8:33 AM TIME OUT: 8:44 AM

CSRLF Contaminated Soil to RLF 39.64 tn

Gross: **126,300...** Tare : **47,020 Lbs** Net: **79,280 Lbs**
Scale: 5 Scale: 5 **39.64 tn**

Route: Truck.
Profile Number **CS091909**
Date 9/19/2019 Time: 8:33 AM
TICKET AMOUNT

Brandon DiSabo

SW/0719-09/ 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

187

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID: 40267TR

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			39.64	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP 13

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT — Signature — Date: Month 9 Day 19 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante — Signature: Brandon DiSante — Date: Month 9 Day 19 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

274751

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter — Signature: Carpenter — Date: Month 9 Day 19 Year 19

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Ticket # 2794887

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/19/2019
TIME IN: 10:13 AM TIME OUT: 10:27 AM

CSRLF Contaminated Soil to RLF 35 67 tn

Gross: **118,220...** Tare : **46,880 Lbs** Net: **71,340 Lbs**
Scale: 5 Scale: 5 **35.67 tn**

Route Truck:
Profile Number **CS071909**
Date: 9/19/2019 Time: 10:13 AM
TICKET AMOUNT

Brandon DiSando

CS0719-09/192

WEIGHTMASTER: PATTY
Thanks

NON-HAZARDOUS WASTE MANIFEST

188

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID: 40267 TR

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			35 67	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP13

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT | Signature | Date: Month 9 Day 19 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 19 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2794887

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 19 Year 19

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Ticket # 2795056

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5684 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/19/2019
TIME IN: 12:13 PM TIME OUT: 12:24 PM

CSRLF Contaminated Soil to RLF 42.46 tn

Gross: **131,660...** Tare : **46,740 Lbs** Net: **84,920 Lbs**

Scale: 5 Scale: 5 **42.46 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/19/2019 Time: 12:13 PM
TICKET AMOUNT

Brandie Olson

CS/0719-09 192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

189

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive; Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR 000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

40267TR

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	~~55~~ 30	T
b.			42.46	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

5713

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown as Agent for GEMT

Signature

Date: Month 9 Day 19 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante

Signature: Brandon DiSante

Date: Month 9 Day 19 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

2795056

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter

Signature: Carpenter

Date: Month 9 Day 19 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK

PRINTED WITH SOY INK

Ticket # 2795198

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5664 MUD MILL ROAD
BREWERTON NY, 13029-8661

TRUCK ID: **1121.1**

TRAILER #

ORDER # . 2019

DATE: 9/19/2019

TIME IN: 2:15 PM TIME OUT: 2:27 PM

CSRLF Contaminated Soil to RLF 40 86 tn

Gross: **127,280...** Tare : **45,560 Lbs** Net: **81,720 Lbs**

Scale: 5 Scale: 5 **40.86 tn**

Route: Truck

Profile Number: **CS071909**

Date: 9/19/2019 Time: 2:14 PM

TICKET AMOUNT

Brandon O'Sande

CS/071909/192

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

190

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. 19-0120	2. Page 1 of 1
3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312		5900 Success Drive; Lot 3A, Rome NY	
4. Generator's Phone (850 228-9421)			
5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.	6. US EPA ID Number: NYR 000119289	A. State Transporter's ID: 7A-516 (315) 699-0840	
		B. Transporter 1 Phone: 40267TR	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone: (315) 942-5890	

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est. 30	T
b.			40.86	
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP13

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
CJ Braun CS Agent for GEMT	[signature]	9 / 19 / 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
Brandon DiJonte	Brandon DiJonte	9 / 19 / 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

19. Discrepancy Indication Space

2795198

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)
[signature]	[signature]	9 / 14 / 19

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

CF14 © 2002 LABELMASTER® (800) 621-5808 www.labelmaster.com

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Ticket # 2795411

Oneida-Herkimer Solid Waste
Management Authority
1600 Genesee Street
Utica New York, 13502

CUSTOMER # 1121
PARAGON ENVIRONMENTAL
5694 MUD MILL ROAD
BREWERTON NY, 13029-9661

TRUCK ID: **1121.1**
TRAILER #
ORDER # : 2019
DATE: 9/20/2019
TIME IN: 8:09 AM TIME OUT: 8:18 AM

CSRLF Contaminated Soil to RLF 38.26 tn

Gross: **119,920...** Tare : **43,400 Lbs** Net. **76,520 Lbs**
Scale: 5 Scale: 5 **38.26 tn**

Route: Truck:
Profile Number: **CS071909**
Date: 9/20/2019 Time. 8:08 AM
TICKET AMOUNT

CS/0719-09/633

WEIGHTMASTER: PATTY

Thanks

NON-HAZARDOUS WASTE MANIFEST

191

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 19-0120

2. Page 1 of 1

3. Generator's Name and Mailing Address: Greenfield Environmental Multistate Trust LLC, 1400 Village Square Blvd., Ste. 3-144, Tallahassee, FL 32312

5900 Success Drive, Lot 3A

Rome NY

4. Generator's Phone (850) 228-9421

5. Transporter 1 Company Name: Paragon Environmental Construction, Inc.

6. US EPA ID Number: NYR000119289

A. State Transporter's ID: 7A-516

B. Transporter 1 Phone: (315) 699-0840

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Oneida Herkimer Solid Waste Mgmt Authority, 7044 State Rt. 294, Boonville NY 13309

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (315) 942-5890

GENERATOR

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, Non-DOT Regulated Material	1	DT	Est 38.26	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

a) Contaminated Soil

SP13

Profile Number : OHSWA CS0719-09

H. Handling Codes for Wastes Listed Above

a) L

15. Special Handling Instructions and Additional Information

Emergency Contact: Paragon Environmental Construction, Inc. @ 315-699-0840

NON-HAZARDOUS WASTE

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: CJ Brown CS Agent for GEMT | Signature | Date: Month 9 Day 20 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon DiSante | Signature: Brandon DiSante | Date: Month 9 Day 20 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

279511

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Carpenter | Signature: Carpenter | Date: Month 9 Day 20 Year 19

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Asphalt Recycling

Millings Brought IN:

9-11	PEC 192 -	122560	466620	37.97 ton
	PEC 633 -	120660	45000	37.83 ton
9-12	PEC 630 -	64120 -	28700	17.71 ton
	PEC 154 -	72600 -	28720	21.94 ton
	PEC 192 -	100380 -	466620	26.88 ton
	PEC 633 -	90320 -	45000	22.66 ton
	PEC 131 -	58660 -	28200	15.23 ton
	PEC 630 -	61200 -	28700	16.25 ton
	PEC 154 -	62980 -	28720	17.13 ton
	PEC 192 -	105680 -	466620	29.53 ton
	CAN4 -	59180 -	30500	14.34 ton
	PEC 633 -	109720 -	45000	32.36 ton
	PEC 154	76520 -	28720	23.90 ton
	CAN4 -	59460 -	30500	14.48 ton
	PEC 630 -	66240 -	28700	18.77 ton

Scrap Metal Recycling

Rcm
19-0120

Empire Recycling Corporation
64 N. Genesee St. P.O. Box 514
Utica, NY 13502

PARAGON ENVIROMI Date: 09/25/19
Rcv: 552246 Time: 08:20
Ctl: 552246

ITEM QTY	PRICE / UM	AMOUNT
MIXED STEEL 5480	100.00 GT	244.64
MIXED STEEL 5160	100.00 GT	230.36
MIXED STEEL 14160	100.00 GT	632.14
Totals 24800		1107.14

I certify that I have the right to sell the merchandise listed above, that it is free of hazardous material, and that all grades, weights & prices are acceptable.

Signature: _____

ID:

Veh:

CSH

APPENDIX G

CAMP Monitoring Summary Table

Appendix G - CAMP Monitoring Weekly Summary
Former Federal Creosote Site
Rome, New York
Site Number: 633088

Week #	Dates		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	6/24/19 - 6/29/19	*Dust Monitoring Status*	None (No Ground-Intrusive Activity)	Active (11:32 - 17:09)	Active (09:17 - 15:38)	Active (07:21 - 16:32)	Active (07:24 - 14:32)	None (No Construction Activity)
		VOC Monitoring Status	None (No Ground-Intrusive Activity)	Active (11:32 - 17:09)	Active (09:17 - 15:38)	Active (07:21 - 16:32)	Active (07:24 - 14:32)	None (No Construction Activity)
		# of Dust Exceed.	N/A	None	None	None	None	N/A
		# of VOC Exceed.	N/A	None	None	None	None	N/A
		Actions Taken	N/A	None	None	None	None	N/A
		Notes	N/A	None	None	None	None	N/A
3	7/1/2019 - 7/6/2019	*Dust Monitoring Status*	Active (07:40 - 08:55)	Active (06:50 - 16:43)	Active (06:47 - 16:00)	Active (05:42 - 12:57)	None (No Construction Activity)	None (No Construction Activity)
		VOC Monitoring Status	Active (07:40 - 08:55)	Active (06:50 - 16:43)	Active (06:47 - 16:00)	Active (05:42 - 12:57)	None (No Construction Activity)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	N/A	N/A
		# of VOC Exceed.	none	none	none	none	N/A	N/A
		Actions Taken	none	none	none	none	N/A	N/A
		Notes	Limited data collected by meters due to equipment malfunction	none	none	Limited data collected by meters due to equipment malfunction	N/A	N/A
4	7/8/2019 - 7/13/2019	*Dust Monitoring Status*	Active (06:05 - 16:15)	Active (06:30 - 16:10)	Active (06:15-14:50)	Active (06:30-15:20)	Active (06:20-13:30)	None (No Construction Activity)
		VOC Monitoring Status	Active (06:05 - 16:15)	Active (06:30 - 16:10)	Active (06:15-14:50)	Active (06:30-15:20)	Active (06:20-13:30)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	none	none	none	none	none	N/A
5	7/15/2019 - 7/20/2019	*Dust Monitoring Status*	Active (06:25 - 15:45)	Active (06:35 - 15:05)	Inactive due to heavy precipitation	Active (06:40 - 16:40)	Active (06:20 - 12:50)	None (No Construction Activity)
		VOC Monitoring Status	Active (06:25 - 15:45)	Active (06:35 - 15:05)	Inactive due to heavy precipitation	Active (06:40 - 16:40)	Active (06:20 - 12:50)	None (No Construction Activity)
		# of Dust Exceed.	none	none	N/A	none	none	N/A
		# of VOC Exceed.	none	none	N/A	none	none	N/A
		Actions Taken	none	none	N/A	none	none	N/A
		Notes	none	none	N/A	none	none	N/A

Appendix G - CAMP Monitoring Weekly Summary
Former Federal Creosote Site
Rome, New York
Site Number: 633088

Week #	Dates		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
6	7/22/2019 - 7/27/2019	*Dust Monitoring Status*	Active (06:30 - 15:30)	Active (06:30 - 15:40)	Active (06:30 - 16:15)	Active (06:10 - 15:30)	Active (06:15 - 13:30)	None (No Construction Activity)
		VOC Monitoring Status	Active (06:30 - 15:30)	Active (06:30 - 15:40)	Active (06:30 - 16:15)	Active (06:10 - 15:30)	Active (06:15 - 13:30)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	none	none	none	none	none	N/A
7	7/29/2019 - 8/3/2019	*Dust Monitoring Status*	Active (06:20 - 14:50)	Active (06:30 - 14:30)	Active (06:20 - 15:30)	Active (06:20 - 14:50)	Active (06:25 - 13:30)	None (No Construction Activity)
		VOC Monitoring Status	Active (06:20 - 14:50)	Active (06:30 - 14:30)	Active (06:20 - 15:30)	Active (06:20 - 14:50)	Active (06:25 - 13:30)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	none	none	none	none	none	N/A
8	8/5/2019 - 8/10/2019	*Dust Monitoring Status*	Active (06:10 - 16:05)	Active (06:40 - 15:10)	Active (06:25 - 15:25)	Active (06:15 - 15:00)	Active (06:20 - 15:00)	No site activity
		VOC Monitoring Status	Active (06:10 - 16:05)	Active (06:40 - 15:10)	Active (06:25 - 15:25)	Active (06:15 - 15:00)	Active (06:20 - 15:00)	No site activity
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	none	none	none	none	none	N/A
9	8/12/2019 - 8/17/2019	*Dust Monitoring Status*	Active (06:50 - 15:55)	Active (07:10 - 15:46)	Active (06:50 - 15:34)	Active (06:35 - 16:02)	Active (06:15 - 15:25)	Drilling Activity CAMP not initiated
		VOC Monitoring Status	Active (06:50 - 15:55)	Active (07:10 - 15:46)	Active (06:50 - 15:34)	Active (06:35 - 16:02)	Active (06:15 - 15:25)	
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	none	none	none	none	none	N/A

Appendix G - CAMP Monitoring Weekly Summary
Former Federal Creosote Site
Rome, New York
Site Number: 633088

Week #	Dates		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10	8/19/2019 - 8/24/2019	*Dust Monitoring Status*	Active (07:30 - 15:00)	Active (06:25 - 16:00)	Active (06:30 - 16:00)	Active (06:10 - 15:20)	Active (06:20 - 13:15)	None (No Construction Activity)
		VOC Monitoring Status	Active (7:30 - 15:00)	Active (06:25 - 16:00)	Active (06:30 - 16:00)	Active (06:10 - 15:20)	Active (06:20 - 13:15)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	Limited data collected by meters due to equipment malfunction	Limited data collected by meters due to equipment malfunction	none	none	none	N/A
11	8/26/2019 - 8/31/2019	*Dust Monitoring Status*	Active (06:20 - 15:45)	Active (06:20 - 15:10)	Active (06:25 - 10:00)	Active (06:25 - 15:25)	Active (06:25 - 15:05)	None (No Construction Activity)
		VOC Monitoring Status	Active (06:20 - 15:45)	Active (06:20 - 15:10)	Active (06:25 - 10:00)	Active (06:25 - 15:25)	Active (06:25 - 15:05)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	none	none	none	none	none	N/A
12	9/2/2019 - 9/7/2019	*Dust Monitoring Status*	Not active	Active (06:35 - 14:35)	Active (06:40 - 14:45)	Active (06:55 - 14:55)	Active (06:15 - 13:40)	None (No Construction Activity)
		VOC Monitoring Status	Not active	Active (06:35 - 14:35)	Active (06:40 - 14:45)	Active (06:55 - 14:55)	Active (06:15 - 13:40)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	Labor Day Holiday	none	none	none	none	N/A
13	9/9/2019 - 9/14/2019	*Dust Monitoring Status*	Active (06:40 - 14:25)	Active (06:25 - 13:50)	Active (06:45 - 14:40)	Active (06:40 - 15:30)	Active (06:50 - 14:15)	None (No Construction Activity)
		VOC Monitoring Status	Active (06:40 - 14:25)	Active (06:25 - 13:50)	Active (06:45 - 14:40)	Active (06:40 - 15:30)	Active (06:50 - 14:15)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	none	none	none	none	none	N/A

Appendix G - CAMP Monitoring Weekly Summary
Former Federal Creosote Site
Rome, New York
Site Number: 633088

Week #	Dates		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
14	9/16/2019 - 9/21/2019	*Dust Monitoring Status*	Active (07:00 - 14:45)	Active (06:40 - 14:30)	Active (07:00 - 15:15)	Active (06:30 - 13:55)	Active (06:25 - 11:40)	None (No Construction Activity)
		VOC Monitoring Status	Active (07:00 - 14:45)	Active (06:40 - 14:30)	Active (07:00 - 15:15)	Active (06:30 - 13:55)	Active (06:25 - 11:40)	None (No Construction Activity)
		# of Dust Exceed.	none	none	none	none	none	N/A
		# of VOC Exceed.	none	none	none	none	none	N/A
		Actions Taken	none	none	none	none	none	N/A
		Notes	none	none	none	none	none	N/A

APPENDIX H

Import Material Documentation

Backfill Approvals/Sieve Analysis

Mondello, Claire

From: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Sent: Tuesday, June 18, 2019 1:49 PM
To: Mondello, Claire
Cc: White, Glenn; Ramsdell, Mark; Taylor, Peter (DEC)
Subject: RE: Multistate Trust: Rome - Backfill Approval Request

CAUTION: External Email

Claire,

Thank you for providing these documents for my review. The backfill you are proposing to use onsite is exempt from testing per DER-10 due to its particle size and both Hanson and Harvey Materials Corp. are permitted sources. The materials presented are approved for use as backfill at the Federal Creosote site.

If you have any questions, just let me know.

Regards,
Rachel

Rachel K. Gardner, E.I.T.
Assistant Engineer, Region 6 Environmental Remediation

New York State Department of Environmental Conservation
317 Washington Street, Watertown, NY 13601
P: (315) 785-2522 | F: (315) 785-2242 | rachel.gardner@dec.ny.gov
www.dec.ny.gov | | |

From: Mondello, Claire <CMondello@haleyaldrich.com>
Sent: Tuesday, June 18, 2019 1:12 PM
To: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Ramsdell, Mark <MRamsdell@haleyaldrich.com>
Subject: Multistate Trust: Rome - Backfill Approval Request
Importance: High

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Rachel –

As discussed on the phone, the contractor is importing material (washed #3 and #4 stone, crusher run, clean cobbles) today to the Rome site for construction of the dewatering cell, future backfill for Area A, construction of access roads, and other site maintenance. The material will be imported from Hanson (NYSDOT Approved Source 2-9R) or Harvey Materials Corp (NYSDOT Approved Source 62G). Attached is the sieve analyses for the material showing that it passes the #80 (or more conservative sieve). Per DER-10 Section 5.4(e) 5, this material can be imported without chemical testing.

Can you please confirm the use of this material onsite for the purposes listed above and for future site backfill?

Please feel free to reach out with any questions.

Regards,

Claire

Claire L. Mondello, CHMM
Associate|Senior Project Manager

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4219
C: (585) 698.9052

https://protect2.fireeye.com/url?k=21f0f1f5-7dc85748-21f208c0-000babd9fa3f-28b8201a97877129&u=http://www.haleyaldrich.com/

Paragon
Environmental
Construction, Inc.

"Full Service Environmental/Construction Company"

5664 Mud Mill Road, Brewerton, NY 13029
Phone: 315-699-0840 ■ Fax: 315-699-0845

Submittal No. 2

To: Haley & Aldrich Construction Services, Inc.

70 Blanchard Road
Suite 204
Burlington MA 01803
Tel: 781-685-2106
Fax: 781.685.2152

Project: **Former Kerr-McGee/Tronox Site – Rome NY**
128564-005 100006234

Attention: Mark Ramsdell **Date:** 05/7/2019

Description of Submittal:

6" Clean Cobbles
Harvey Materials Corp
PW Labs Sieve Analysis of Soil/Aggregate 3-22-19

Reviewed & Accepted ☐ Revise & Resubmit ☐ Reviewed as Noted ☐ Rejected ☐

Submittal Transmitted Via: E-mail - peterp@paragonec.net

Submitted By: Peter Paragon – President **Date:** 05/7/19

Signature:

PW Laboratories, Inc.
6544 Fremont Road - East Syracuse, New York 13057
Office 315.437.1420 ~ Fax 315.503-3058~ pwlabsinc@hotmail.com

Sieve Analysis of Soil / Aggregate

Project Title: Laboratory Testing

Project #: L-19019
Test Method: ASTM D422 & D1140

Report #: 3
Report Date: March 22, 2019

Source:	Harvey Materials Corp. Lee Center, New York	Sieve Size - Percent Passing Sieve																
Lab I.D. #	**Sample I.D.**	**6"**	**4"**	**3"**	**2"**	**1 1/2"**	**1"**	**3/4"**	**1/2"**	**3/8"**	**1/4"**	**#4**	**#10**	**#30**	**#40**	**#60**	**#100**	**#200**
36496	* Cobbles	100	68.3	34.3	8.2	2.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.2

Sample mass, as received, meets minimum mass requirements of test method: Yes X No ____

Performed By: AM **Checked By:** Patrick Edmiston

Remarks:

Prewashed
Entire Sample X
Mass Retained on #200 Only ____
Not Prewashed: ____

Paragon Environmental Construction, Inc.

"Full Service Environmental/Construction Company"

5664 Mud Mill Road, Brewerton, NY 13029
Phone: 315-699-0840 ■ Fax: 315-699-0845

Submittal No. 4

To: Haley & Aldrich Construction Services, Inc.

70 Blanchard Road
Suite 204
Burlington MA 01803
Tel: 781-685-2106
Fax: 781.685.2152

Project: **Former Kerr-McGee/Tronox Site – Rome NY**
128564-005 100006234

Attention: Mark Ramsdell **Date:** 05/7/2019

Description of Submittal:

NYS DOT Washed #3's & #4's
Hanson
Aggregate Graduation Report

Reviewed & Accepted ☐ Revise & Resubmit ☐ Reviewed as Noted ☐ Rejected ☐

Submittal Transmitted Via: E-mail - peterp@paragonec.net

Submitted By: Peter Paragon – President **Date:** 05/7/19

Signature:

Hanson
HEIDELBERGCEMENT Group

AGGREGATE GRADATION REPORT

NYSDOT SOURCE 2-9R (Oriskany Falls) ***Limestone***

Specific Gravities

Bulk (SSD)	Bulk	Apparent	ABS	HFA	BAL
2.703	2.694	2.719	0.4	NO	N/A

MATERIAL
3's & 4's

Sieve Size	% Passing
3"	100
2"	80
1 1/2"	34
1"	6

Note: Typical test values, for informational purposes some variations may occur.

Paragon
Environmental
Construction, Inc.

"Full Service Environmental/Construction Company"

5664 Mud Mill Road, Brewerton, NY 13029
Phone: 315-699-0840 ■ Fax: 315-699-0845

Submittal No. 5

To: Haley & Aldrich Construction Services, Inc.

70 Blanchard Road
Suite 204
Burlington MA 01803
Tel: 781-685-2106
Fax: 781.685.2152

Project: **Former Kerr-McGee/Tronox Site – Rome NY**
128564-005 100006234

Attention: Mark Ramsdell **Date:** 05/7/2019

Description of Submittal:

2" Minus Crusher Run
Hanson

Reviewed & Accepted ☐ Revise & Resubmit ☐ Reviewed as Noted ☐ Rejected ☐

Submittal Transmitted Via: E-mail - peterp@paragonec.net

Submitted By: Peter Paragon – President **Date:** 05/7/19

Signature:

Hanson

Hanson Aggregates East
Northeast Region
P.O. Box513
Jamesville, NY 13078

Tel +315 469 5501
Fax +315 469 3133

Re: Stone Filling (Light)

Dear Sir:

The Crushed Limestone Ledge rock Aggregate sizes listed in Table 703-4 "Sizes of Stone, Gravel and Slag" of the *NYS Department of Transportation Standard Specification* is produced and sold by us at our Oriskany Falls plant location. The aggregate produced at Oriskany Falls is listed by **NYSDOT** as Source number **2-9R** with a test number of **15AR94.** The Stone Filling (Light) material is listed by NYSDOT as Item 620.03 which is listed in Section 620 of the Standard Specifications. Gradations Requirements are listed on page 1294, figure 733-21A of the Standard Specification of **NYSDOT** dated January 1, 2017.

All aggregate produced and sold by Hanson meets or exceeds the New York State Department of Transportation requirements. Hanson Aggregates Quarry in Oriskany Falls is listed by the NYSDOT Geologist with a designation as an "A" type source. This designation means that this source historically produces materials of acceptable soundness for that item!

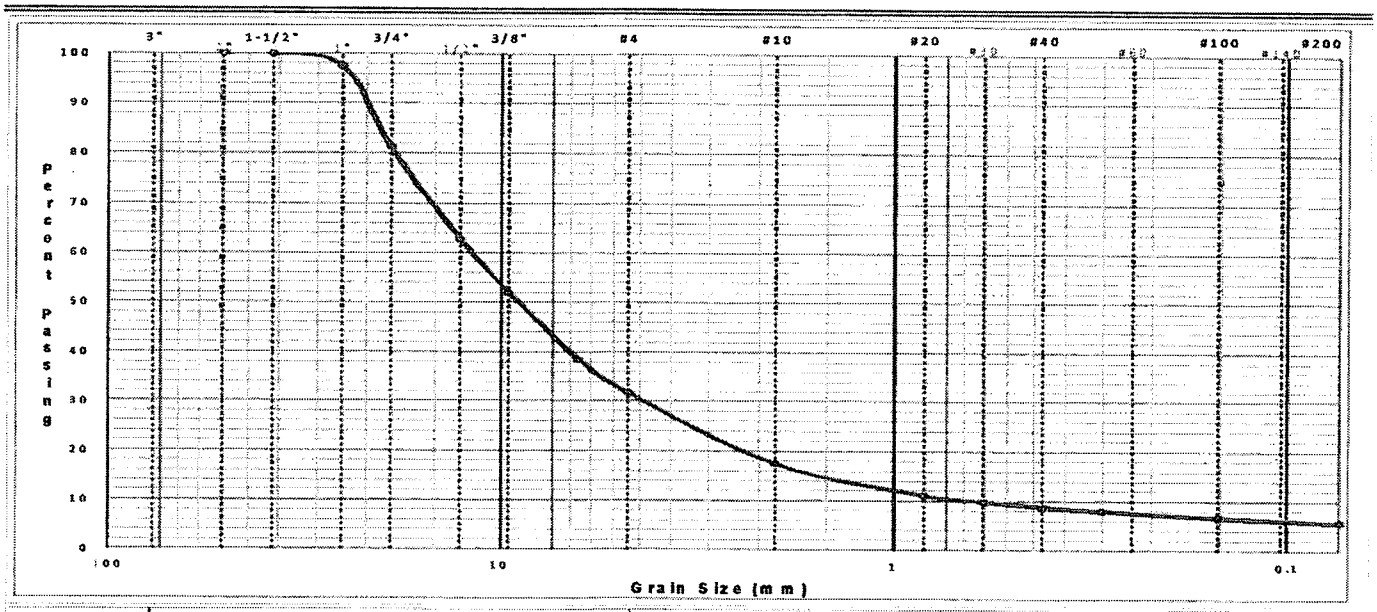
If any further information is required, please contact my office.

Sincerely,

Dorothy Gilmore
Quality Control Technician
Hanson Aggregates NY

PARTICLE SIZE ANALYSIS REPORT

Client:	Hanson Aggregates New York, Inc.	Sample Date:	May 11, 2018
Project:	Hanson Aggregates NY Inc.	Sampled By:	CLIENT
	Various Projects	Service Order No.:	8859
		Sample No.:	UT1845S-108
Location:	Stockpile from the pit		



% +3"	% Gravel			% Sand		
	Coarse	Medium	Fine	Coarse	Medium	Fine
0	19	29	20	14	9	3

% Fines: 6

SIEVE SIZE	PERCENT FINER	SPEC.* LOW	SPEC.* HIGH	OUT OF SPEC. (X)
2 in	100			
1 1/2 in	100			
1.00 in	98			
3/4 in	81			
1/2 in	63			
3/8 in	52			
1/4 in	39			
No. 4	32			
No. 10	17			
No. 20	11			
No. 30	10			
No. 40	9			
No. 50	8			
No. 100	7			
No. 200	5.7			

* (no specification provided)

Soil Description

Grey
Crusher Run proposed for use as Type 2 Crushed Ledgerock

Atterberg Limits

PL= — LL= — PI= —

Coefficients

D_{85}= 20.3520 D_{60}= 11.7945 D_{50}= 8.9834
D_{30}= 4.2724 D_{15}= 1.4250 D_{10}= 0.6180
C_u = 19.0828 C_c = 2.5040

Classification

USCS= AASHTO=

Remarks

Delivered by client on May 11, 2018
ASTM D-422 without Hydrometer

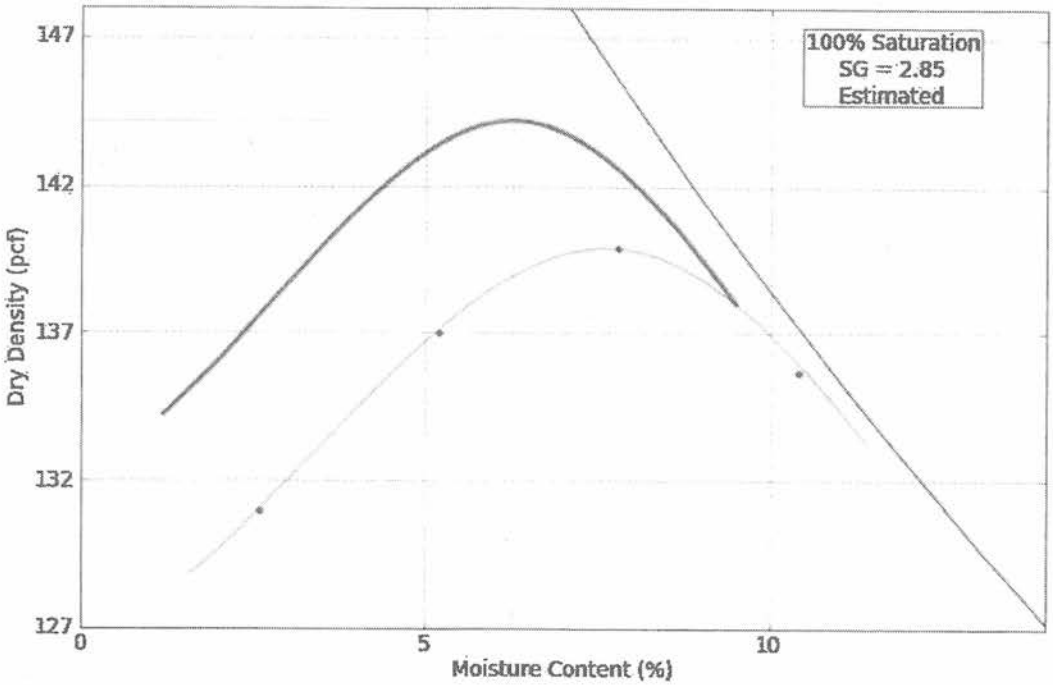
Reviewed by: Gary Bupe Date: May 17, 2018

ATLANTIC TESTING LABORATORIES

LABORATORY COMPACTION TEST REPORT No.: UT1845SL-110-05-18

WBE certified company

Client:	Hanson Aggregates New York, Inc.	Sample Date:	May 11, 2018
Project:	Hanson Aggregates NY Inc. Various Projects	Sampled By:	CLIENT
		Service Order No.:	8859
		Sample No.:	UT1845S-108
Location:	Stockpile from the pit		



— Corrected • - Uncorrected

Elev/ Depth	Classification		Received Moist.	Bulk Sp.G.	Oversize Sp.G.	Atterberg Limits			% > 3/4 in.
	USCS	AASHTO				LL	PL	PI	
–	–	–	0.3%	2.67	2.67	–	–	–	19

CORRECTED TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density (pcf) = 144.2 Optimum moisture (%) = 6.3	Grey Crusher Run proposed for use as Type 2 Crushed Ledgerock
Source of Sample: Oriskany Falls Pit **Sp.G.:** Estimated **Prep Method:** Moist **Rammer:** Mechanical	

Remarks: Delivered by client on May 11, 2018

Test Specification: ASTM D-1557 (12) Method-C, ASTM D-4718

Mondello, Claire

From: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Sent: Tuesday, June 25, 2019 7:29 AM
To: Mondello, Claire
Cc: White, Glenn; Ramsdell, Mark; Taylor, Peter (DEC)
Subject: RE: Multistate Trust: Rome - Backfill Approval Request

CAUTION: External Email

Claire – Thank you, the #2 and #3 blend as well as the #1 and #2 stone mix from Hanson are both approved for use as backfill at the Former Federal Creosote site. Due to the sieve analysis and approved source, no testing is required per DER-10.

Thanks,
Rachel

Rachel K. Gardner, E.I.T.
Assistant Engineer, Region 6 Environmental Remediation

New York State Department of Environmental Conservation
317 Washington Street, Watertown, NY 13601
P: (315) 785-2522 | F: (315) 785-2242 | rachel.gardner@dec.ny.gov
www.dec.ny.gov | | |

From: Mondello, Claire <CMondello@haleyaldrich.com>
Sent: Monday, June 24, 2019 10:31 AM
To: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Ramsdell, Mark <MRamsdell@haleyaldrich.com>; Taylor, Peter (DEC) <peter.taylor@dec.ny.gov>
Subject: RE: Multistate Trust: Rome - Backfill Approval Request

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Rachel – In addition to the #2 and #3 Blend, we are also requesting approval for the #1 and #2 Stone Mix attached also from the Hanson source. The sieve analysis for that material is also attached (I also reattached the 2/3A blend sieve analysis for convenience). I'm sorry for the confusion, but can you please confirm that both the 2/3A Blend and 1/2 Stone Mix are approved for use onsite and exempt from testing per the DER-10 requirements?

Regards,
Claire

From: Mondello, Claire
Sent: Monday, June 24, 2019 9:39 AM
To: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Ramsdell, Mark <MRamsdell@haleyaldrich.com>; Taylor, Peter (DEC) <peter.taylor@dec.ny.gov>
Subject: RE: Multistate Trust: Rome - Backfill Approval Request

Good Morning Rachel –

We have an additional source of rock that the contractor would like to import for use at the Rome site. This material consists of a blend of #2 and #3A stone also from the Hanson source. I've attached the sieve analysis for this material. Can you please confirm that this material is approved for use onsite and is exempt from testing per the DER-10 requirements? The sub-contractor is currently planning to start stockpiling this material on Tuesday 6/25.

Regards,
Claire

Claire L. Mondello, CHMM
Associate|Senior Project Manager

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4219
C: (585) 698.9052

www.haleyaldrich.com

From: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Sent: Tuesday, June 18, 2019 1:49 PM
To: Mondello, Claire <CMondello@haleyaldrich.com>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Ramsdell, Mark <MRamsdell@haleyaldrich.com>; Taylor, Peter (DEC) <peter.taylor@dec.ny.gov>
Subject: RE: Multistate Trust: Rome - Backfill Approval Request

CAUTION: External Email

Claire,

Thank you for providing these documents for my review. The backfill you are proposing to use onsite is exempt from testing per DER-10 due to its particle size and both Hanson and Harvey Materials Corp. are permitted sources. The materials presented are approved for use as backfill at the Federal Creosote site.

If you have any questions, just let me know.

Regards,
Rachel

Rachel K. Gardner, E.I.T.
Assistant Engineer, Region 6 Environmental Remediation

New York State Department of Environmental Conservation
317 Washington Street, Watertown, NY 13601
P: (315) 785-2522 | F: (315) 785-2242 | rachel.gardner@dec.ny.gov
www.dec.ny.gov | | |

From: Mondello, Claire <CMondello@haleyaldrich.com>
Sent: Tuesday, June 18, 2019 1:12 PM
To: Gardner, Rachel K (DEC) <rachel.gardner@dec.ny.gov>
Cc: White, Glenn <GWhite@haleyaldrich.com>; Ramsdell, Mark <MRamsdell@haleyaldrich.com>

Subject: Multistate Trust: Rome - Backfill Approval Request
Importance: High

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Rachel –

As discussed on the phone, the contractor is importing material (washed #3 and #4 stone, crusher run, clean cobbles) today to the Rome site for construction of the dewatering cell, future backfill for Area A, construction of access roads, and other site maintenance. The material will be imported from Hanson (NYSDOT Approved Source 2-9R) or Harvey Materials Corp (NYSDOT Approved Source 62G). Attached is the sieve analyses for the material showing that it passes the #80 (or more conservative sieve). Per DER-10 Section 5.4(e) 5, this material can be imported without chemical testing.

Can you please confirm the use of this material onsite for the purposes listed above and for future site backfill?

Please feel free to reach out with any questions.

Regards,
Claire

Claire L. Mondello, CHMM
Associate|Senior Project Manager

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4219
C: (585) 698.9052

https://protect2.fireeye.com/url?k=21f0f1f5-7dc85748-21f208c0-000babd9fa3f-28b8201a97877129&u=http://www.haleyaldrich.com/

AGGREGATE GRADATION REPORT

NYSDOT SOURCE 2-9R Oriskany Falls, NY

Specific Gravities

Bulk (SSD)	Bulk	Apparent	ABS	FM
2.70	2.690	2.717	0.4	

MATERIAL
2018 #1 & #2 Stone Mixed

Sieve Size	% Passing
1 ½ "	100
1	99.2
3/4	75.4
1/2	30.3
3/8	12.9
1/4	2.4
#4	0.8

Hanson
HEIDELBERGCEMENTGroup

AGGREGATE GRADATION REPORT

NYSDOT SOURCE 2-9R (Oriskany Falls) *Limestone*

Specific Gravities

Bulk (SSD)	Bulk	Apparent	ABS	HFA	BAL
2.68	2.665	2.715	0.7	NO	N/A

2 AND 3A
BLEND

Sieve Size	% Passing
2" (50 mm)	100
1 1/2" (37.5 mm)	98.5
1" (25 mm)	58
3/4" (19 mm)	33.2
1/2" (12.5 mm)	3.6
3/8" (9.5 mm)	1

This is what this facility classifies as a 2 & 3A blend, product variations may occur

Import Material Documentation

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/25/2019 15:35

In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

P.O. :

Tkt. No. 1519086053

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	110,620	50,176
Tare	45,720 *	20,738
Net	64,900	29,438
	32.45 Ton	29.44

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	166.97	Loads:
Tons To Date:	166.97	5
Today Tonnes	151.47	
Tonnes To Date:	151.47	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:

Cust:

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/25/2019 13:59 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086025**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	113,720	51,583
Tare	45,720 *	20,738
Net	68,000	30,844
	34.00 Ton	30.84

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	134.52	Loads:
Tons To Date:	134.52	4
Today Tonnes	122.03	
Tonnes To Date:	122.03	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/25/2019 12:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519085987**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	113,840	51,637
Tare	45,720 *	20,738
Net	68,120	30,899
	34.06 Ton	30.90

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	100.52	Loads:
Tons To Date:	100.52	3
Today Tonnes	91.19	
Tonnes To Date:	91.19	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/25/2019 10:04 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519085948**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RO

	Pounds	Kilo
Gross	112,500	51,029
Tare	45,720 *	20,738
Net	66,780	30,291
	33.39 Ton	30.29

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	66.46	Loads:
Tons To Date:	66.46	2
Today Tonnes	60.29	
Tonnes To Date:	60.29	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Copy** Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/25/2019 08:11 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519085921**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	111,860	50,739
Tare	45,720 *	20,738
Net	66,140	30,001
	33.07 Ton	30.00

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	33.07	Loads:
Tons To Date:	33.07	1
Today Tonnes	30.00	
Tonnes To Date:	30.00	

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Do Not Accept [3]** Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/26/2019 15:21 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519086234

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,860	50,285
Tare	45,720 *	20,738
Net	65,140	29,547

32.57 Ton 29.55
* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	165.66	Loads:
Tons To Date:	332.63	5
Today Tonnes	150.28	
Tonnes To Date:	301.76	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYONO CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/26/2019 13:45 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519086202

Product 074314
1 & 2
S.O. Info:
Ship Ref.: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	111,640	50,639
Tare	45,720 *	20,738
Net	65,920	29,901
	32.96 Ton	29.90

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	133.09	Loads:
Tons To Date:	300.06	4
Today Tonnes	120.74	
Tonnes To Date:	272.21	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/26/2019 11:45 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086162**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	111,660	50,648
Tare	45,720 *	20,738
Net	65,940	29,910
	32.97 Ton	29.91

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	100.13	Loads:
Tons To Date:	267.10	3
Today Tonnes	90.84	
Tonnes To Date:	242.31	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/26/2019 09:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086127**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	112,180	50,884
Tare	45,720 *	20,738
Net	66,460	30,146
	33.23 Ton	30.15

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	67.16	Loads:
Tons To Date:	234.13	2
Today Tonnes	60.93	
Tonnes To Date:	212.40	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/26/2019 08:11 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086081**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	113,580	51,519
Tare	45,720 *	20,738
Net	67,860	30,781
	33.93 Ton	30.78

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	33.93	Loads:
Tons To Date:	200.90	1
Today Tonnes	30.78	
Tonnes To Date:	182.25	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/27/2019 15:06 In : 14:54:46

Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086370**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	72,220	32,758
Tare	27,940	12,673
Net	44,280	20,085
	22.14 Ton	20.09

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	22.14	Loads:
Tons To Date:	354.77	1
Today Tonnes	20.09	
Tonnes To Date:	321.84	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/28/2019 12:15 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519086479

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	113,220	51,356
Tare	45,720 *	20,738
Net	67,500	30,617
	33.75 Ton	30.62

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	99.93	Loads:
Tons To Date:	454.70	3
Today Tonnes	90.65	
Tonnes To Date:	412.50	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC192 PARAGON
License: -
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/28/2019 08:28 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086418**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	110,640	50,185
Tare	45,720 *	20,738
Net	64,920	29,447
	32.46 Ton	29.45

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	32.46	Loads:
Tons To Date:	387.23	1
Today Tonnes	29.45	
Tonnes To Date:	351.29	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/28/2019 10:08 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519086452

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	113,160	51,329
Tare	45,720 *	20,738
Net	67,440	30,590
	33.72 Ton	30.59

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	66.18	Loads:
Tons To Date:	420.95	2
Today Tonnes	60.04	
Tonnes To Date:	381.88	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/28/2019 13:53 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086502**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	112,020	50,811
Tare	45,720 *	20,738
Net	66,300	30,073
	33.15 Ton	30.07

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	133.08	Loads:
Tons To Date:	487.85	4
Today Tonnes	120.73	
Tonnes To Date:	442.57	

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/1/2019 14:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519086606

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	112,520	51,038
Tare	45,720 *	20,738
Net	66,800	30,300
	33.40 Ton	30.30

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	217.79	Loads:
Tons To Date:	705.64	8
Today Tonnes	197.58	
Tonnes To Date:	640.15	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/1/2019 14:11 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086602**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	71,400	32,386
Tare	29,240 *	13,263
Net	42,160	19,123

21.08 Ton 19.12
* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	184.39	Loads:
Tons To Date:	672.24	7
Today Tonnes	167.28	
Tonnes To Date:	609.85	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/1/2019 12:21 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086586**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	72,820	33,031
Tare	29,240 *	13,263
Net	43,580	19,768
	21.79 Ton	19.77

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	130.57	Loads:
Tons To Date:	618.42	5
Today Tonnes	118.45	
Tonnes To Date:	561.02	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000
Received:
Weighmaster: Kimball, Dean 300023

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/1/2019 12:37 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086589**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	111,200	50,439
Tare	45,720 *	20,738
Net	65,480	29,701
	32.74 Ton	29.70

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	163.31	Loads:
Tons To Date:	651.16	6
Today Tonnes	148.15	
Tonnes To Date:	590.72	

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Copy Scale: 1

19-0120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/1/2019 08:49 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086536**
P.O. :

Product 074314
1 & 2.
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	112,280	50,929
Tare	45,720 *	20,738
Net	66,560	30,191
	33.28 Ton	30.19

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	33.28	Loads:
Tons To Date:	521.13	1
Today Tonnes	30.19	
Tonnes To Date:	472.76	

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

19-0120

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/1/2019 08:55 In : 8:48:02
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086538**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship.Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	72,480	32,876
Tare	29,240	13,263
Net	43,240	19,613
	21.62 Ton	19.61

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	54.90	Loads:
Tons To Date:	542.75	2
Today Tonnes	49.80	
Tonnes To Date:	492.37	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/1/2019 10:28 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086561**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	110,480	50,113
Tare	45,720 *	20,738
Net	64,760	29,375
	32.38 Ton	29.37

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	87.28	Loads:
Tons To Date:	575.13	3
Today Tonnes	79.18	
Tonnes To Date:	521.75	

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/1/2019 10:45 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086566**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	72,240	32,768
Tare	29,240 *	13,263
Net	43,000	19,504
	21.50 Ton	19.50

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	108.78	Loads:
Tons To Date:	596.63	4
Today Tonnes	98.68	
Tonnes To Date:	541.25	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000
Received:
Weighmaster: Kimball, Dean 300023

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the loadreceived is within the weight limit authorized by law andshall hold seller harmless against any and all claims withrespect to same CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/2/2019 08:34 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519086643

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RO

	Pounds	Kilo
Gross	113,680	51,564
Tare	45,720 *	20,738
Net	67,960	30,826
	33.98 Ton	30.83

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	33.98	Loads:
Tons To Date:	739.62	1
Today Tonnes	30.83	
Tonnes To Date:	670.97	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Copy Scale: 1

19-0120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/2/2019 10:14 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086669**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	111,920	50,766
Tare	45,720 *	20,738
Net	66,200	30,028
	33.10 Ton	30.03

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	67.08	Loads:
Tons To Date:	772.72	2
Today Tonnes	60.85	
Tonnes To Date:	701.00	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/8/2019 14:23 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086936**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	109,480	49,659
Tare	45,720 *	20,738
Net	63,760	28,921
	31.88 Ton	28.92

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	65.47	Loads:
Tons To Date:	838.19	2
Today Tonnes	59.39	
Tonnes To Date:	760.39	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/8/2019 12:29 In : 12:20:01
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519086923

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	112,900	51,211
Tare	45,720	20,738
Net	67,180	30,472
	33.59 Ton	30.47

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	33.59	Loads:
Tons To Date:	806.31	1
Today Tonnes	30.47	
Tonnes To Date:	731.47	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Cust:

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/10/2019 10:24 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087057**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	110,080m	49,931
Tare	45,720 *	20,738
Net	64,360 m	29,193
	32.18 Ton	29.19

m Manual Weight, * P.T.

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	97.04	Loads:
Tons To Date:	967.03	3
Today Tonnes	88.03	
Tonnes To Date:	877.27	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/9/2019 08:16 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086975**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	109,320	49,587
Tare	45,720 *	20,738
Net	63,600	28,848
	31.80 Ton	28.85

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	31.80	Loads:
Tons To Date:	869.99	1
Today Tonnes	28.85	
Tonnes To Date:	789.24	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/10/2019 10:24 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087057**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	110,080m	49,931
Tare	45,720 *	20,738
Net	64,360 m	29,193
	32.18 Ton	29.19

m Manual Weight, * P.T.

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	97.04	Loads:
Tons To Date:	967.03	3
Today Tonnes	88.03	
Tonnes To Date:	877.27	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/9/2019 08:16 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086975**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	109,320	49,587
Tare	45,720 *	20,738
Net	63,600	28,848
	31.80 Ton	28.85

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	31.80	Loads:
Tons To Date:	869.99	1
Today Tonnes	28.85	
Tonnes To Date:	789.24	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

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CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/10/2019 10:24 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087057**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	110,080m	49,931
Tare	45,720 *	20,738
Net	64,360 m	29,193
	32.18 Ton	29.19

m Manual Weight, * P.T.

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	97.04	Loads:
Tons To Date:	967.03	3
Today Tonnes	88.03	
Tonnes To Date:	877.27	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

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CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/9/2019 08:16 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086975**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	109,320	49,587
Tare	45,720 *	20,738
Net	63,600	28,848
	31.80 Ton	28.85

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	31.80	Loads:
Tons To Date:	869.99	1
Today Tonnes	28.85	
Tonnes To Date:	789.24	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

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CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/10/2019 10:24 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087057**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	110,080m	49,931
Tare	45,720 *	20,738
Net	64,360 m	29,193
	32.18 Ton	29.19

m Manual Weight, * P.T.

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	97.04	Loads:
Tons To Date:	967.03	3
Today Tonnes	88.03	
Tonnes To Date:	877.27	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/9/2019 08:16 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086975**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	109,320	49,587
Tare	45,720 *	20,738
Net	63,600	28,848
	31.80 Ton	28.85

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	31.80	Loads:
Tons To Date:	869.99	1
Today Tonnes	28.85	
Tonnes To Date:	789.24	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/10/2019 09:55 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087017**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,880m	50,294
Tare	45,720 *	20,738
Net	65,160 m	29,556
	32.58 Ton	29.56

m Manual Weight, * P.T.

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	32.58	Loads:
Tons To Date:	902.57	1
Today Tonnes	29.56	
Tonnes To Date:	818.80	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/10/2019 10:07 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087033**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,280m	50,022
Tare	45,720 *	20,738
Net	64,560 m	29,284
	32.28 Ton	29.28

m Manual Weight, * P.T.

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	64.86	Loads:
Tons To Date:	934.85	2
Today Tonnes	58.84	
Tonnes To Date:	848.08	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/10/2019 09:55 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087017**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,880m	50,294
Tare	45,720 *	20,738
Net	65,160 m	29,556
	32.58 Ton	29.56

m Manual Weight, * P.T.

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	32.58	Loads:
Tons To Date:	902.57	1
Today Tonnes	29.56	
Tonnes To Date:	818.80	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/10/2019 10:07 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087033**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,280m	50,022
Tare	45,720 *	20,738
Net	64,560 m	29,284
	32.28 Ton	29.28

m Manual Weight, * P.T.

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	64.86	Loads:
Tons To Date:	934.85	2
Today Tonnes	58.84	
Tonnes To Date:	848.08	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [3] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/16/2019 13:23 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087564**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	107,860	48,924
Tare	45,720 *	20,738
Net	62,140	28,186
	31.07 Ton	28.19

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	93.96	Loads:
Tons To Date:	1,060.99	3
Today Tonnes	85.24	
Tonnes To Date:	962.51	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/16/2019 14:57 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087583**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	107,840	48,915
Tare	45,720 *	20,738
Net	62,120	28,177
	31.06 Ton	28.18

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	125.02	Loads:
Tons To Date:	1,092.05	4
Today Tonnes	113.42	
Tonnes To Date:	990.69	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the loadreceived is within the weight limit authorized by law andshall hold seller harmless against any and all claims withrespect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/16/2019 13:23 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087564**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	107,860	48,924
Tare	45,720 *	20,738
Net	62,140	28,186
	31.07 Ton	28.19

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	93.96	Loads:
Tons To Date:	1,060.99	3
Today Tonnes	85.24	
Tonnes To Date:	962.51	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/16/2019 14:57 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087583**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	107,840	48,915
Tare	45,720 *	20,738
Net	62,120	28,177
	31.06 Ton	28.18

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	125.02	Loads:
Tons To Date:	1,092.05	4
Today Tonnes	113.42	
Tonnes To Date:	990.69	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/16/2019 09:28 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087505**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	107,760	48,879
Tare	45,720 *	20,738
Net	62,040	28,141
	31.02 Ton	28.14

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	31.02	Loads:
Tons To Date:	998.05	1
Today Tonnes	28.14	
Tonnes To Date:	905.42	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Copy Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/16/2019 11:40 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087547**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	109,460	49,650
Tare	45,720 *	20,738
Net	63,740	28,912
	31.87 Ton	28.91

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	62.89	Loads:
Tons To Date:	1,029.92	2
Today Tonnes	57.05	
Tonnes To Date:	934.33	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Copy Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/16/2019 09:28 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087505**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	107,760	48,879
Tare	45,720 *	20,738
Net	62,040	28,141
	31.02 Ton	28.14

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	31.02	Loads:
Tons To Date:	998.05	1
Today Tonnes	28.14	
Tonnes To Date:	905.42	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Do Not Accept [2] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/16/2019 11:40 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087547**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	109,460	49,650
Tare	45,720 *	20,738
Net	63,740	28,912
	31.87 Ton	28.91

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	62.89	Loads:
Tons To Date:	1,029.92	2
Today Tonnes	57.05	
Tonnes To Date:	934.33	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Do Not Accept [2] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**

1760 ROUTE 1211
ORISKANY FALLS, NY 13425

7/17/2019 08:31 In: 8:03:49

Customer: 1300558 PARAGON ENVIRONMENTAL CONSTRU

Order: 1015732 CT FEDERAL CREOSOTE REMEDIATION ROME

P.O.:

Tkt. No. 1519087625

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROME

	Pounds	Kilo
Gross	107,520	48,770
Tare	45,000 *	20,412
Net	62,520 *	28,359

31.26 Ton 28.36
* Manual Weight

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	31.26	Loads
Tons To Date:	1,123.31	1
Today Tonnes	28.36	
Tonnes To Date:	1,019.05	

Carrier:
Vehicle: 406PEC633 PARAGON
License: 123
MaxGVW: 107,600

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB

Received: _____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: Pickup

HANSON COPY Scale 1

Hanson Plant: 40612 **ORISKANY FALLS**

1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/17/2019 10:13 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONSTRU

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION ROME

Tkt. No. 1519087673

P.O. :

Product 074314

1 & 2

S.O. Info.

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROME

	Pounds	Kilo
Gross	107,300	48,670
Tare	45,000 *	20,412
Net	62,300	28,259

31.15 Ton 28.26

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	62.41	Loads:
Tons To Date:	1,154.46	2
Today Tonnes	56.62	
Tonnes To Date:	1,047.31	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB

Carrier :

Vehicle: 406PEC633 PARAGON

License: 123

MaxGVW: 107,600

Received: _____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: Pickup

HANSON COPY Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**

1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/17/2019 12:24 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONSTRU

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION ROME

Tkt. No. 1519087722

P.O. :

Product 074314

1 & 2

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROME

	Pounds	Kilo
Gross	103,920	47,137
Tare	45,000 *	20,412
Net	58,920	26,726
	29.46 Ton	26.73

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	91.87	Loads
Tons To Date:	1,183.92	3
Today Tonnes	83.34	
Tonnes To Date:	1,074.03	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB

Carrier :

Vehicle: 406PEC633 PARAGON

License: 19822TC

MaxGVW: 107,000

Received: _____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: Pickup

HANSON COPY Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 10:32 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087840**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,280	46,847
Tare	45,000 *	20,412
Net	58,280	26,435
	29.14 Ton	26.44

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	58.42	Loads:
Tons To Date:	1,242.34	2
Today Tonnes	53.00	
Tonnes To Date:	1,127.03	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 07:50 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087796**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,560	46,974
Tare	45,000 *	20,412
Net	58,560	26,562
	29.28 Ton	26.56

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	29.28	Loads:
Tons To Date:	1,213.20	1
Today Tonnes	26.56	
Tonnes To Date:	1,100.60	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 10:32 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087840**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,280	46,847
Tare	45,000 *	20,412
Net	58,280	26,435
	29.14 Ton	26.44

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	58.42	Loads:
Tons To Date:	1,242.34	2
Today Tonnes	53.00	
Tonnes To Date:	1,127.03	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 07:50 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087796**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,560	46,974
Tare	45,000 *	20,412
Net	58,560	26,562
	29.28 Ton	26.56

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	29.28	Loads:
Tons To Date:	1,213.20	1
Today Tonnes	26.56	
Tonnes To Date:	1,100.60	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 12:10 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087865**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,380	46,892
Tare	45,000 *	20,412
Net	58,380	26,481
	29.19 Ton	26.48

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	87.61	Loads:
Tons To Date:	1,271.53	3
Today Tonnes	79.48	
Tonnes To Date:	1,153.51	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson

Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 12:10 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087865**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,380	46,892
Tare	45,000 *	20,412
Net	58,380	26,481
	29.19 Ton	26.48

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	87.61	Loads:
Tons To Date:	1,271.53	3
Today Tonnes	79.48	
Tonnes To Date:	1,153.51	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 15:14 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087896**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,460	46,475
Tare	45,000 *	20,412
Net	57,460	26,063
	28.73 Ton	26.06

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	145.09	Loads:
Tons To Date:	1,329.01	5
Today Tonnes	131.62	
Tonnes To Date:	1,205.66	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [1] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 13:43 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087886**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,500	46,493
Tare	45,000 *	20,412
Net	57,500	26,082
	28.75 Ton	26.08

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	116.36	Loads:
Tons To Date:	1,300.28	4
Today Tonnes	105.56	
Tonnes To Date:	1,179.59	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 15:14 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087896**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,460	46,475
Tare	45,000 *	20,412
Net	57,460	26,063
	28.73 Ton	26.06

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	145.09	Loads:
Tons To Date:	1,329.01	5
Today Tonnes	131.62	
Tonnes To Date:	1,205.66	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [3] Scale: 1

Hanson Plant: 40612 **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/18/2019 13:43 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087886**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,500	46,493
Tare	45,000 *	20,412
Net	57,500	26,082
	28.75 Ton	26.08

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	116.36	Loads:
Tons To Date:	1,300.28	4
Today Tonnes	105.56	
Tonnes To Date:	1,179.59	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/23/2019 13:07 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519088246

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	102,880	46,666
Tare	41,400 *	18,779
Net	61,480	27,887
	30.74 Ton	27.89

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	61.56	Loads:
Tons To Date:	1,390.57	2
Today Tonnes	55.85	
Tonnes To Date:	1,261.50	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/23/2019 11:27 In : 11:15:36

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

P.O. :

Tkt. No. 1519088212

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	103,040	46,738
Tare	41,400 *	18,779
Net	61,640 *	27,959
	30.82 Ton	27.96

* Manual Weight

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	30.82	Loads:
Tons To Date:	1,359.83	1
Today Tonnes	27.96	
Tonnes To Date:	1,233.62	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/24/2019 10:49 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519088367**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	106,860	48,471
Tare	45,560 *	20,666
Net	61,300	27,805
	30.65 Ton	27.81

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	61.75	Loads:
Tons To Date:	1,452.32	2
Today Tonnes	56.02	
Tonnes To Date:	1,317.52	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Copy** Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/24/2019 09:03 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519088332**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,760	48,879
Tare	45,560 *	20,666
Net	62,200	28,213
	31.10 Ton	28.21

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	31.10	Loads:
Tons To Date:	1,421.67	1
Today Tonnes	28.21	
Tonnes To Date:	1,289.72	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the loadreceived is within the weight limit authorized by law andshall hold seller harmless against any and all claims withrespect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Do Not Accept [1]** Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/24/2019 10:49 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519088367**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	106,860	48,471
Tare	45,560 *	20,666
Net	61,300	27,805
	30.65 Ton	27.81

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	61.75	Loads:
Tons To Date:	1,452.32	2
Today Tonnes	56.02	
Tonnes To Date:	1,317.52	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Do Not Accept [2]** Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/24/2019 09:03 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519088332**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,760	48,879
Tare	45,560 *	20,666
Net	62,200	28,213
	31.10 Ton	28.21

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	31.10	Loads:
Tons To Date:	1,421.67	1
Today Tonnes	28.21	
Tonnes To Date:	1,289.72	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Do Not Accept [3]** Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/2/2019 14:03 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519089203**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	106,180	48,162
Tare	45,000 *	20,412
Net	61,180	27,751
	30.59 Ton	27.75

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	60.08	Loads:
Tons To Date:	1,512.40	2
Today Tonnes	54.50	
Tonnes To Date:	1,372.03	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000
Received:
Weighmaster: Kimball, Dean 300023

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/2/2019 11:15 In : 11:04:02

Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519089179

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	102,840	46,647
Tare	43,860	19,895
Net	58,980	26,753
	29.49 Ton	26.75

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	29.49	Loads:
Tons To Date:	1,481.81	1
Today Tonnes	26.75	
Tonnes To Date:	1,344.28	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC192 PARAGON
License: **35411**
MaxGVW: 107,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/5/2019 13:20 In : 13:07:05

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519089315**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	67,840	30,772
Tare	27,940 *	12,673
Net	39,900 *	18,098
	19.95 Ton	18.10

* Manual Weight

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	19.95	Loads:
Tons To Date:	1,532.35	1
Today Tonnes	18.10	
Tonnes To Date:	1,390.12	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold/sellor harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/5/2019 13:24 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519089317**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	72,200	32,749
Tare	31,140 *	14,125
Net	41,060	18,624
	20.53 Ton	18.62

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	40.48	Loads:
Tons To Date:	1,552.88	2
Today Tonnes	36.72	
Tonnes To Date:	1,408.75	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/6/2019 10:43 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519089433**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	102,300	46,402
Tare	43,860 *	19,895
Net	58,440	26,508
	29.22 Ton	26.51

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	60.20	Loads:
Tons To Date:	1,613.08	2
Today Tonnes	54.61	
Tonnes To Date:	1,463.36	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000
Received:_____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust: _____

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/6/2019 12:57 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519089473

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	101,860	46,203
Tare	43,860 *	19,895
Net	58,000	26,308
	29.00 Ton	26.31

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other-Chrg: No	

Today Tons:	89.20	Loads:
Tons To Date:	1,642.08	3
Today Tonnes	80.92	
Tonnes To Date:	1,489.67	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/6/2019 08:38 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519089401**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	105.820	47.999
Tare	43.860 *	19.895
Net	61,960	28,105
	30.98 Ton	28.10

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	30.98	Loads:
Tons To Date:	1,583.86	1
Today Tonnes	28.10	
Tonnes To Date:	1,436.85	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **35411**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/7/2019 09:54 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519089624**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	101,740	46,148
Tare	43,860 *	19,895
Net	57,880	26,254
	28.94 Ton	26.25

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	57.52	Loads:
Tons To Date:	1,699.60	2
Today Tonnes	52.18	
Tonnes To Date:	1,541.85	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **35411**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/7/2019 13:13 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519089713**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,240	46,375
Tare	43,860 *	19,895
Net	58,380	26,481
	29.19 Ton	26.48

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	116.07	Loads:
Tons To Date:	1,758.15	4
Today Tonnes	105.30	
Tonnes To Date:	1,594.97	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/7/2019 11:20 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519089674

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,580	46,529
Tare	43,860 *	19,895
Net	58,720	26,635
	29.36 Ton	26.63

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	86.88	Loads:
Tons To Date:	1,728.96	3
Today Tonnes	78.82	
Tonnes To Date:	1,568.49	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/7/2019 08:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519089577**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,160	46,339
Tare	45,000 *	20,412
Net	57,160	25,927
	28.58 Ton	25.93

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	28.58	Loads:
Tons To Date:	1,670.66	1
Today Tonnes	25.93	
Tonnes To Date:	1,515.60	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/8/2019 07:43 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519089802**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	70,180	31,833
Tare	31,140 *	14,125
Net	39,040	17,708
	19.52 Ton	17.71

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	48.66	Loads:
Tons To Date:	1,806.81	2
Today Tonnes	44.14	
Tonnes To Date:	1,639.11	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Do Not Accept [3]** Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/8/2019 12:50 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519089910

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	101,960	46,248
Tare	43,860 *	19,895
Net	58,100	26,354
	29.05 Ton	26.35

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	135.95	Loads:
Tons To Date:	1,894.10	5
Today Tonnes	123.33	
Tonnes To Date:	1,718.30	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/8/2019 07:29 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519089799

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	102,140	46,330
Tare	43,860 *	19,895
Net	58,280	26,435
	29.14 Ton	26.44

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	29.14	Loads:
Tons To Date:	1,787.29	1
Today Tonnes	26.44	
Tonnes To Date:	1,621.40	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/8/2019 09:10 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519089836**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,480	46,484
Tare	43,860 *	19,895
Net	58,620	26,590
	29.31 Ton	26.59

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	77.97	Loads:
Tons To Date:	1,836.12	3
Today Tonnes	70.73	
Tonnes To Date:	1,665.70	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000
Received:
Weighmaster: Kimball. Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/8/2019 10:40 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519089866**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	101,720	46,139
Tare	43,860 *	19,895
Net	57,860	26,245
	28.93 Ton	26.24

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	106.90	Loads:
Tons To Date:	1,865.05	4
Today Tonnes	96.98	
Tonnes To Date:	1,691.94	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/9/2019 08:13 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519089983**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	102,900	46,675
Tare	43,860 *	19,895
Net	59,040	26,780
	29.52 Ton	26.78

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	29.52	Loads:
Tons To Date:	1,923.62	1
Today Tonnes	26.78	
Tonnes To Date:	1,745.08	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/9/2019 09:35 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519089993**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,760	46,611
Tare	45,000 *	20,412
Net	57,760	26,199
	28.88 Ton	26.20

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	58.40	Loads:
Tons To Date:	1,952.50	2
Today Tonnes	52.98	
Tonnes To Date:	1,771.28	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept |2| Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/9/2019 11:17 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519090008

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,960	46,702
Tare	43,860 *	19,895
Net	59,100	26,807
	29.55 Ton	26.81

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	87.95	Loads:
Tons To Date:	1,982.05	3
Today Tonnes	79.79	
Tonnes To Date:	1,798.09	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 08:12 In: 7:51:14

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order: 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519090119**

P.O.:

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	68,640	31,135
Tare	28,720	13,027
Net	39,920	18,107
	19.96 Ton	18.11

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	19.96	Loads:
Tons To Date:	2,002.01	1
Today Tonnes	18.11	
Tonnes To Date:	1,816.19	

Carrier:
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 10:04 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519090148

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	69,480	31,516
Tare	28,720 *	13,027
Net	40,760	18,488
	20.38 Ton	18.49

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	60.22	Loads:
Tons To Date:	2,042.27	3
Today Tonnes	54.63	
Tonnes To Date:	1,852.72	

Carrier :
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept |2| Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 08:23 In : 8:09:40

Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519090125**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	70,080	31,788
Tare	30,320	13,753
Net	39,760	18,035
	19.88 Ton	18.03

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	39.84	Loads:
Tons To Date:	2,021.89	2
Today Tonnes	36.14	
Tonnes To Date:	1,834.23	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 77,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 11:05 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519090169

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	71,360	32,368
Tare	30,320 *	13,753
Net	41,040	18,615
	20.52 Ton	18.62

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	80.74	Loads:
Tons To Date:	2,062.79	4
Today Tonnes	73.25	
Tonnes To Date:	1,871.33	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 77,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball. Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept |2| Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 11:37 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519090181**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	69,120	31,352
Tare	28,720 *	13,027
Net	40,400	18,325
	20.20 Ton	18.33

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	100.94	Loads:
Tons To Date:	2,082.99	5
Today Tonnes	91.57	
Tonnes To Date:	1,889.66	

Carrier :
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72,500
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 12:52 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519090202**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	70,660	32,051
Tare	30,320 *	13,753
Net	40,340	18,298
	20.17 Ton	18.30

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	121.11	Loads:
Tons To Date:	2,103.16	6
Today Tonnes	109.87	
Tonnes To Date:	1,907.95	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 77,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept |3| Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 13:31 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519090220**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	67,400	30.572
Tare	28,720 *	13.027
Net	38,680	17,545
	19.34 Ton	17.54

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	140.45	Loads:
Tons To Date:	2,122.50	7
Today Tonnes	127.41	
Tonnes To Date:	1,925.50	

Carrier :
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept |3| Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 14:17 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519090234**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	71,200	32,296
Tare	30,320 *	13,753
Net	40,880	18,543
	20.44 Ton	18.54

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	160.89	Loads:
Tons To Date:	2,142.94	8
Today Tonnes	145.96	
Tonnes To Date:	1,944.04	

Carrier :
Vehicle: 406PEC600 PARAGON
License: 17246MB
MaxGVW: 77,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/12/2019 14:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519090247

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	68,900	31,253
Tare	28,720 *	13,027
Net	40,180	18,225
	20.09 Ton	18.23

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	180.98	Loads:
Tons To Date:	2,163.03	9
Today Tonnes	164.18	
Tonnes To Date:	1,962.27	

Carrier :
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72.500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/14/2019 08:14 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519090481**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	103,860	47,110
Tare	43,860 *	19,895
Net	60,000	27,216
	30.00 Ton	27.22

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	30.00	Loads:
Tons To Date:	2,193.03	1
Today Tonnes	27.22	
Tonnes To Date:	1,989.48	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/14/2019 09:53 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519090498**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	103,900	47,128
Tare	45,000 *	20,412
Net	58,900	26,717
	29.45 Ton	26.72

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	59.45	Loads:
Tons To Date:	2,222.48	2
Today Tonnes	53.93	
Tonnes To Date:	2,016.20	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000
Received:
Weighmaster: Kimball, Dean 300023

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/14/2019 12:05 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519090520**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	102,960	46,702
Tare	45,000 *	20,412
Net	57,960	26,290
	28.98 Ton	26.29

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	88.43	Loads:
Tons To Date:	2,251.46	3
Today Tonnes	80.22	
Tonnes To Date:	2,042.49	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept |3| Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/14/2019 13:40 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519090532**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,000	46,720
Tare	45,000 *	20,412
Net	58,000	26,308
	29.00 Ton	26.31

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	117.43	Loads:
Tons To Date:	2,280.46	4
Today Tonnes	106.53	
Tonnes To Date:	2,068.80	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 12:52 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519091021**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,040	31,770
Tare	26,800 *	12,156
Net	43,240	19,613
	21.62 Ton	19.61

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	238.57	Loads:
Tons To Date:	238.57	11
Today Tonnes	216.43	
Tonnes To Date:	216.43	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B540 F.Burrows
License: **3018**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 14:04 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519091049

P.O. :

Product 074314
1 & 2

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,020	32,214
Tare	27,040 *	12,265
Net	43,980	19,949
	21.99 Ton	19.95

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	260.56	Louds:
Tons To Date:	260.56	12
Today Tonnes	236.38	
Tonnes To Date:	236.38	

Carrier : 1483930 FRED BURROWS TRUCKING &

Vehicle: 406B530 Fred Burrows

License: 123

MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 14:17 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519091054

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,300	32,341
Tare	28,020 *	12,710
Net	43,280	19,631

21.64 Ton 19.63
* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	282.20	Loads:
Tons To Date:	282.20	13
Today Tonnes	256.01	
Tonnes To Date:	256.01	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B470 FRED BURROWS
License: +
MaxGVW: 73,750

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 12:34 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519091016

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,560	31,552
Tare	27,040 *	12,265
Net	42,520	19,287
	21.26 Ton	19.29

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	195.28	Loads:
Tons To Date:	195.28	9
Today Tonnes	177.16	
Tonnes To Date:	177.16	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B530 Fred Burrows
License: 123
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 12:51 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519091020

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,360	32,368
Tare	28,020 *	12,710
Net	43,340	19,659
	21.67 Ton	19.66

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	216.95	Loads:
Tons To Date:	216.95	10
Today Tonnes	196.81	
Tonnes To Date:	196.81	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B470 FRED BURROWS
License: +
MaxGVW: 73,750

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 14:19 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No.** **1519091055**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,480	31,969
Tare	26,800 *	12,156
Net	43,680	19,813
	21.84 Ton	19.81

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	304.04	Loads:
Tons To Date:	304.04	14
Today Tonnes	275.82	
Tonnes To Date:	275.82	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B540 F.Burrows
License: **3018**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 08:12 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519090944

P.O. :

Product 074314

1 & 2

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,920	32,169
Tare	26,800 *	12,156
Net	44,120	20,012
	22.06 Ton	20.01

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	66.10	Loads:
Tons To Date:	66.10	3
Today Tonnes	59.96	
Tonnes To Date:	59.96	

Carrier : 1483930 FRED BURROWS TRUCKING &

Vehicle: 406B540 F.Burrows

License: 3018

MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 08:10 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519090943**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,200	32,296
Tare	27,040 *	12,265
Net	44,160	20,031
	22.08 Ton	20.03

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	44.04	Loads:
Tons To Date:	44.04	2
Today Tonnes	39.95	
Tonnes To Date:	39.95	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B530 Fred Burrows
License: 123
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver** Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 09:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519090968

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	72,280	32,786
Tare	28,020 *	12,710
Net	44,260	20,076
	22.13 Ton	20.08

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	88.23	Loads:
Tons To Date:	88.23	4
Today Tonnes	80.04	
Tonnes To Date:	80.04	

Carrier : 1483930 FRED BURROWS TRUCKING & FRED BURROWS
Vehicle: 406B470
License: 21849MM
MaxGVW: 73,750
Received:
Weighmaster: Kimball. Dean 300023
P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 11:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No.** **1519091002**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,300	31,434
Tare	26,800 *	12,156
Net	42,500	19,278
	21.25 Ton	19.28

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	152.48	Loads:
Tons To Date:	152.48	7
Today Tonnes	138.33	
Tonnes To Date:	138.33	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B540 F.Burrows
License: 3018
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 11:29 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519091003

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,100	32,250
Tare	28,020 *	12,710
Net	43,080	19,541
	21.54 Ton	19.54

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	174.02	Loads:
Tons To Date:	174.02	8
Today Tonnes	157.87	
Tonnes To Date:	157.87	

Carrier : 1483930 FRED BURROWS TRUCKING &

Vehicle: 406B470 FRED BURROWS

License: +

MaxGVW: 73,750

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 08:09 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O.

Tkt. No. 1519090942

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,940	32,631
Tare	28,020 *	12,710
Net	43,920	19,922
	21.96 Ton	19.92

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	21.96	Loads:
Tons To Date:	21.96	1
Today Tonnes	19.92	
Tonnes To Date:	19.92	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B470 FRED BURROWS
License: **21849MM**
MaxGVW: 73,750
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 10:00 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519090970

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,720	32,078
Tare	26,800 *	12,156
Net	43,920	19,922
	21.96 Ton	19.92

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	131.23	Loads:
Tons To Date:	131.23	6
Today Tonnes	119.05	
Tonnes To Date:	119.05	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B540 F.Burrows
License: **3018**
MaxGVW: 72,500
Received:_____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust: _____

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/20/2019 09:59 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519090969

P.O. :

Product 074314
1 & 2

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,120	31,352
Tare	27,040 *	12,265
Net	42,080	19,087
	21.04 Ton	19.09

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	109.27	Loads:
Tons To Date:	109.27	5
Today Tonnes	99.13	
Tonnes To Date:	99.13	

Carrier : 1483930 FRED BURROWS TRUCKING &

Vehicle: 406B530 Fred Burrows

License: 123

MaxGVW: 72,500

Received:

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2]

Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 14:07 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519091202

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	72,120	32,713
Tare	28,280 *	12,828
Net	43,840	19,885

21.92 Ton 19.89

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	389.70	Loads:
Tons To Date:	693.74	18
Today Tonnes	353.53	
Tonnes To Date:	629.35	

Carrier : 1483930 FRED BURROWS TRUCKING & F.BURROWS
Vehicle: 406B460
License: 68465MA
MaxGVW: 73.750
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 13:49 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519091198**
P.O. :

Product 074314
1 & 2
S.O. Info
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,080	32,241
Tare	27,040 *	12,265
Net	44,040	19,976
	22.02 Ton	19.98

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	367.78	Loads:
Tons To Date:	671.82	17
Today Tonnes	333.64	
Tonnes To Date:	609.46	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B530 Fred Burrows
License: 123
MaxGVW: 72.500
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**

1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 13:47 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519091197**

P.O. :

Product 074314

1 & 2

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,860	32,142
Tare	26,800 *	12,156
Net	44,060	19,985
	22.03 Ton	19.99

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	345.76	Loads:
Tons To Date:	649.80	16
Today Tonnes	313.67	
Tonnes To Date:	589.49	

Carrier : 1483930 FRED BURROWS TRUCKING &

Vehicle: 406B540 F.Burrows

License: **3018**

MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 12:37 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519091185

P.O.

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	72,120	32,713
Tare	28,280 *	12,828
Net	43,840	19,885
	21.92 Ton	19.89

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	323.73	Loads:
Tons To Date:	627.77	15
Today Tonnes	293.68	
Tonnes To Date:	569.50	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B460 F BURROWS
License: **68465MA**
MaxGVW: 73,750

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball. Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 12:16 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519091182

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,820	31,670
Tare	27,040 *	12,265
Net	42,780	19,405

21.39 Ton 19.40

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	301.81	Loads:
Tons To Date:	605.85	14
Today Tonnes	273.80	
Tonnes To Date:	549.62	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B530 Fred Burrows
License: 123
MaxGVW: 72.500
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: Deliver

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 12:15 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519091181

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,620	31,579
Tare	26,800 *	12,156
Net	42,820	19,423
	21.41 Ton	19.42

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	280.42	Loads:
Tons To Date:	584.46	13
Today Tonnes	254.39	
Tonnes To Date:	530.21	

Carrier : 1483930 FRED BURROWS TRUCKING &

Vehicle: 406B540 F.Burrows

License: **3018**

MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 11:13 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519091165

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,740	32,087
Tare	28,280 *	12,828
Net	42,460	19,260
	21.23 Ton	19.26

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	259.01	Loads:
Tons To Date:	563.05	12
Today Tonnes	234.97	
Tonnes To Date:	510.79	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B460 F BURROWS
License: **68465MA**
MaxGVW: 73,750

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 10:48 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No.** **1519091159**
P.O. :

Product 074314
1 & 2
S.O. Info
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,100	31,343
Tare	26,800 *	12,156
Net	42,300	19,187
	21.15 Ton	19.19

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	237.78	Loads:
Tons To Date:	541.82	11
Today Tonnes	215.71	
Tonnes To Date:	491.53	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B540 F Burrows
License: **3018**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 10:45 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O.

Tkt. No. 1519091158

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,040	32,223
Tare	27,040 *	12,265
Net	44,000	19,958

22.00 Ton 19.96

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	216.63	Loads:
Tons To Date:	520.67	10
Today Tonnes	196.52	
Tonnes To Date:	472.34	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B530 Fred Burrows
License: **123**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 09:36 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519091145

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,760	32,550
Tare	28,280 *	12,828
Net	43,480	19,722
	21.74 Ton	19.72

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	194.63	Loads:
Tons To Date:	498.67	9
Today Tonnes	176.57	
Tonnes To Date:	452.39	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B460 F BURROWS
License: **68465MA**
MaxGVW: 73.750

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 09:21 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O :

Tkt. No. 1519091137

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,980	31,742
Tare	26,800 *	12,156
Net	43,180	19,586
	21.59 Ton	19.59

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	172.89	Loads:
Tons To Date:	476.93	8
Today Tonnes	156.84	
Tonnes To Date:	432.66	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B540 F.Burrows
License: **3018**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 09:20 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No.** **1519091136**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,460	31,507
Tare	27,040 *	12,265
Net	42,420	19,241
	21.21 Ton	19.24

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	151.30	Loads:
Tons To Date:	455.34	7
Today Tonnes	137.26	
Tonnes To Date:	413.08	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B530 Fred Burrows
License: 123
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 08:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519091122

Product 074314
1 & 2
S.O. Info
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,560	32,005
Tare	28,280 *	12,828
Net	42,280	19,178
	21.14 Ton	19.18

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	130.09	Loads:
Tons To Date:	434.13	6
Today Tonnes	118.02	
Tonnes To Date:	393.84	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B460 F BURROWS
License: **68465MA**
MaxGVW: 73,750

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 07:37 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519091116

Product 074314
1 & 2
S.O. Info
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	72,460	32,867
Tare	26,800 *	12,156
Net	45,660	20,711
	22.83 Ton	20.71

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	108.95	Loads:
Tons To Date:	412.99	5
Today Tonnes	98.84	
Tonnes To Date:	374.66	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B540 F.Burrows
License: **3018**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____
Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 07:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519091111

Product 074314
1 & 2
S.O. Info
Ship Ref HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,560	32,459
Tare	27,040 *	12,265
Net	44,520	20,194
	22.26 Ton	20.19

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	86.12	Loads:
Tons To Date:	390.16	4
Today Tonnes	78.13	
Tonnes To Date:	353.95	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B530 Fred Burrows
License: **123**
MaxGVW: 72.500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 06:30 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519091093

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,620	32,486
Tare	28,280 *	12,828
Net	43,340	19,659
	21.67 Ton	19.66

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	63.86	Loads:
Tons To Date:	367.90	3
Today Tonnes	57.93	
Tonnes To Date:	333.75	

Carrier : 1483930 FRED BURROWS TRUCKING &

Vehicle: 406B460 F.BURROWS

License: **68465MA**

MaxGVW: 73,750

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 06:03 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No.** **1519091086**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,500	31,525
Tare	26,800 *	12,156
Net	42,700	19,368
	21.35 Ton	19.37

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	42.19	Loads:
Tons To Date:	346.23	2
Today Tonnes	38.27	
Tonnes To Date:	314.09	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B540 F Burrows
License: **3018**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/21/2019 06:01 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O :

Tkt. No. 1519091085

Product 074314
1 & 2
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	68,720	31,171
Tare	27,040 *	12,265
Net	41,680	18,906
	20.84 Ton	18.91

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	20.84	Loads:
Tons To Date:	324.88	1
Today Tonnes	18.91	
Tonnes To Date:	294.73	

Carrier : 1483930 FRED BURROWS TRUCKING &
Vehicle: 406B530 Fred Burrows
License: **123**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/26/2019 15:13 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091437

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	102,140	46,330
Tare	45,000 *	20,412
Net	57,140	25,918
	28.57 Ton	25.92

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	76.89	Loads:
Tons To Date:	2,357.35	3
Today Tonnes	69.75	
Tonnes To Date:	2,138.55	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Garbera, Amanda #210060

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/26/2019 13:36 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091415

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	101,780	46,167
Tare	45,000 *	20,412
Net	56,780	25,755
	28.39 Ton	25.75

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	28.39	Loads:
Tons To Date:	2,308.85	1
Today Tonnes	25.75	
Tonnes To Date:	2,094.55	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Garbera, Amanda #210060

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/26/2019 15:05 In : 14:56:01

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091435

P.O. :

Product 074314
1 & 2
S.O. Info: 9
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	68,360	31,008
Tare	28,500	12,927
Net	39,860	18,080
	19.93 Ton	18.08

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	48.32	Loads:
Tons To Date:	2,328.78	2
Today Tonnes	43.84	
Tonnes To Date:	2,112.63	

Carrier :
Vehicle: 406P154 Paragon Environmental
License:
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Garbera, Amanda #210060

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/29/2019 07:42 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091716

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	102,520	46,502
Tare	45,000 *	20,412
Net	57,520	26,091
	28.76 Ton	26.09

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	28.76	Loads:
Tons To Date:	2,386.11	1
Today Tonnes	26.09	
Tonnes To Date:	2,164.64	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/29/2019 09:23 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091732

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	101,840	46,194
Tare	45,000 *	20,412
Net	56,840	25,782
	28.42 Ton	25.78

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	57.18	Loads:
Tons To Date:	2,414.53	2
Today Tonnes	51.87	
Tonnes To Date:	2,190.42	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/29/2019 10:51 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091749

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,380	46,439
Tare	45,000 *	20,412
Net	57,380	26,027
	28.69 Ton	26.03

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	85.87	Loads:
Tons To Date:	2,443.22	3
Today Tonnes	77.90	
Tonnes To Date:	2,216.45	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/29/2019 12:58 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519091778**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	101,460	46,021
Tare	45,000 *	20,412
Net	56,460	25,610
	28.23 Ton	25.61

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	114.10	Loads:
Tons To Date:	2,471.45	4
Today Tonnes	103.51	
Tonnes To Date:	2,242.06	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/29/2019 14:30 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091794

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,520	46,502
Tare	45,000 *	20,412
Net	57,520	26,091
	28.76 Ton	26.09

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	142.86	Loads:
Tons To Date:	2,500.21	5
Today Tonnes	129.60	
Tonnes To Date:	2,268.15	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/30/2019 07:36 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091824

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	102,080	46,303
Tare	45,000 *	20,412
Net	57,080	25,891
	28.54 Ton	25.89

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	28.54	Loads:
Tons To Date:	2,528.75	1
Today Tonnes	25.89	
Tonnes To Date:	2,294.04	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/30/2019 09:30 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519091848**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	102,240	46,375
Tare	45,000 *	20,412
Net	57,240	25,964
	28.62 Ton	25.96

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	57.16	Loads:
Tons To Date:	2,557.37	2
Today Tonnes	51.85	
Tonnes To Date:	2,320.01	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/30/2019 12:57 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091882

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	104,660	47,473
Tare	45,000 *	20,412
Net	59,660	27,061
	29.83 Ton	27.06

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	116.00	Loads:
Tons To Date:	2,616.21	4
Today Tonnes	105.23	
Tonnes To Date:	2,373.39	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

8/30/2019 11:32 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519091867**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,020	46,729
Tare	45,000 *	20,412
Net	58,020	26,317
	29.01 Ton	26.32

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	86.17	Loads:
Tons To Date:	2,586.38	3
Today Tonnes	78.17	
Tonnes To Date:	2,346.32	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/3/2019 07:38 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519091925**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	106,340	48,235
Tare	45,000 *	20,412
Net	61,340	27,823
	30.67 Ton	27.82

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	30.67	Loads:
Tons To Date:	2,646.88	1
Today Tonnes	27.82	
Tonnes To Date:	2,401.21	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Garbera, Amanda #210060

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/3/2019 11:16 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519091965**

P.O. :

Product 074314
1 & 2

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	104,180	47,255
Tare	45,000 *	20,412
Net	59,180	26,844
	29.59 Ton	26.84

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	90.40	Loads:
Tons To Date:	2,706.61	3
Today Tonnes	82.01	
Tonnes To Date:	2,455.40	

Carrier :

Vehicle: 406PEC633 PARAGON

License: **19822TC**

MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Garbera, Amanda #210060

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/3/2019 09:32 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519091944

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	105,280	47,754
Tare	45,000 *	20,412
Net	60,280	27,343
	30.14 Ton	27.34

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	60.81	Loads:
Tons To Date:	2,677.02	2
Today Tonnes	55.17	
Tonnes To Date:	2,428.55	

Carrier :

Vehicle: 406PEC633 PARAGON

License: **19822TC**

MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____

Cust: _____

Weighmaster: Garbera, Amanda #210060

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/10/2019 15:20 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519092742**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	103,600	46,992
Tare	45,000 *	20,412
Net	58,600	26,581
	29.30 Ton	26.58

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	29.30	Loads:
Tons To Date:	2,735.91	1
Today Tonnes	26.58	
Tonnes To Date:	2,481.98	

Carrier :

Vehicle: 406PEC633 PARAGON

License: **19822TC**

MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/11/2019 14:54 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519092941**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	104,680	47,482
Tare	45,000 *	20,412
Net	59,680	27,070
	29.84 Ton	27.07

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	116.39	Loads:
Tons To Date:	2,852.30	4
Today Tonnes	105.59	
Tonnes To Date:	2,587.56	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/11/2019 14:21 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519092923**
P.O.:

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	105,300	47,763
Tare	46,620 *	21,146
Net	58,680	26,617
	29.34 Ton	26.62

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	86.55	Loads:
Tons To Date:	2,822.46	3
Today Tonnes	78.52	
Tonnes To Date:	2,560.49	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **35411**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/11/2019 12:18 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519092870**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	102,680	46,575
Tare	45,000 *	20,412
Net	57,680	26,163
	28.84 Ton	26.16

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	57.21	Loads:
Tons To Date:	2,793.12	2
Today Tonnes	51.90	
Tonnes To Date:	2,533.88	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/11/2019 11:59 In : 11:32:54

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519092865**

P.O.:

Product 074314
1 & 2
S.O. Info.
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	103,360	46,883
Tare	46,620	21,146
Net	56,740	25,737
	28.37 Ton	25.74

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	28.37	Loads:
Tons To Date:	2,764.28	1
Today Tonnes	25.74	
Tonnes To Date:	2,507.71	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **35411**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 08:21 In : 8:11:08

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519092985

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	68,180	30,926
Tare	28,700	13,018
Net	39,480	17,908
	19.74 Ton	17.91

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	19.74	Loads:
Tons To Date:	2,872.04	1
Today Tonnes	17.91	
Tonnes To Date:	2,605.47	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 08:38 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519092993

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	68,020	30,853
Tare	28,720 *	13,027
Net	39,300	17,826
	19.65 Ton	17.83

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	39.39	Loads:
Tons To Date:	2,891.69	2
Today Tonnes	35.73	
Tonnes To Date:	2,623.30	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 08:43 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519092995

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	109,860	49,832
Tare	46,620 *	21,146
Net	63,240	28,685
	31.62 Ton	28.69

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	71.01	Loads:
Tons To Date:	2,923.31	3
Today Tonnes	64.42	
Tonnes To Date:	2,651.98	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **35411**
MaxGVW: 113,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

19-0120 TWV 192/156

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 08:56 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093000**

P.O. :

Product 074314

1 & 2

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	105,420	47,818
Tare	45,000 *	20,412
Net	60,420	27,406
	30.21 Ton	27.41

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	101.22	Loads:
Tons To Date:	2,953.52	4
Today Tonnes	91.83	
Tonnes To Date:	2,679.39	

Carrier :

Vehicle: 406PEC633 PARAGON

License: **19822TC**

MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 09:43 In : 9:23:22

Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093017**
P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	67,980	30,835
Tare	28,200	12,791
Net	39,780	18,044
	19.89 Ton	18.04

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	121.11	Loads:
Tons To Date:	2,973.41	5
Today Tonnes	109.87	
Tonnes To Date:	2,697.43	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 10:14 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093029**

P.O. :

Product 074314
1 & 2
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	67,580	30,654
Tare	28,700 *	13,018
Net	38,880	17,636
	19.44 Ton	17.64

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	140.55	Loads:
Tons To Date:	2,992.85	6
Today Tonnes	127.50	
Tonnes To Date:	2,715.07	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000
Received:_____
Weighmaster: Gilmore, Dorothy J (Oriskany

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust: _____

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

19-0120

MVL630

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 12:30 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085324

Product 074349
2 & 3 Mix
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	67,300	30,527
Tare	26,040 *	11,812
Net	41,260	18,715
	20.63 Ton	18.72

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	20.63	Loads:
Tons To Date:	20.63	1
Today Tonnes	18.72	
Tonnes To Date:	18.72	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP07 ZIELINSKI
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 12:51 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085329

P.O. :

Product 074349
2 & 3 Mix
S.O. Info
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	68,840	31,225
Tare	27,660 *	12,546
Net	41,180	18,679
	20.59 Ton	18.68

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	41.22	Loads:
Tons To Date:	41.22	2
Today Tonnes	37.39	
Tonnes To Date:	37.39	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: 123
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 15:36 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085356

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	68,820	31,216
Tare	27,660 *	12,546
Net	41,160	18,670
	20.58 Ton	18.67

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	41.34	Loads:
Tons To Date:	41.34	2
Today Tonnes	37.50	
Tonnes To Date:	37.50	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: 123
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 15:11 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085354

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	67,560	30,645
Tare	26,040 *	11,812
Net	41,520	18,833
	20.76 Ton	18.83

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	20.76	Loads:
Tons To Date:	20.76	1
Today Tonnes	18.83	
Tonnes To Date:	18.83	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP07 ZIELINSKI
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 05:59 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085357

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,020	32,214
Tare	27,660 *	12,546
Net	43,360	19,668
	21.68 Ton	19.67

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	21.68	Loads:
Tons To Date:	63.02	1
Today Tonnes	19.67	
Tonnes To Date:	57.17	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: **123**
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
REPRINT P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 07:44 In : 7:33:00

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085371

P.O. :

Product 074361

3A & No 4

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,560	32,459
Tare	26,900	12,202
Net	44,660	20,257
	22.33 Ton	20.26

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	44.01	Loads:
Tons To Date:	85.35	2
Today Tonnes	39.93	
Tonnes To Date:	77.43	

Carrier : 8070863 RYAN ALDRICH TRUCKING & ALDRICH

Vehicle: 406AT78

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____

Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy

Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/20/2019 06:07 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085468

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,140	31,815
Tare	27,660 *	12,546
Net	42,480	19,269
	21.24 Ton	19.27

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	21.24	Loads:
Tons To Date:	106.59	1
Today Tonnes	19.27	
Tonnes To Date:	96.70	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: **123**
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
REPRINT P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/20/2019 08:21 In : 8:00:38

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085496

P.O. :

Product 074361

3A & No 4

S.O. Info.

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	66,640	30,227
Tare	27,420	12,438
Net	39,220	17,790
	19.61 Ton	17.79

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	40.85	Loads:
Tons To Date:	126.20	2
Today Tonnes	37.06	
Tonnes To Date:	114.49	

Carrier : 8275244 ZIELINSKIS ASPHALT INC

Vehicle: 406ZP10 ZIELINSKI

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/20/2019 09:46 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519085529**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,640	31,588
Tare	28,540 *	12,946
Net	41,100	18,643
	20.55 Ton	18.64

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	61.40	Loads:
Tons To Date:	146.75	3
Today Tonnes	55.70	
Tonnes To Date:	133.13	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP05 ZIELINSKI BLACK TRI/
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold/offer harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/20/2019 09:54 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085533

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	68,700	31,162
Tare	27,420 *	12,438
Net	41,280	18,724
	20.64 Ton	18.72

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	82.04	Loads:
Tons To Date:	167.39	4
Today Tonnes	74.43	
Tonnes To Date:	151.85	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP10 ZIELINSKI
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/20/2019 11:10 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085558

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,560	32,005
Tare	28,540 *	12,946
Net	42,020	19,060
	21.01 Ton	19.06

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	103.05	Loads:
Tons To Date:	188.40	5
Today Tonnes	93.49	
Tonnes To Date:	170.91	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP05 ZIELINSKI BLACK TRI/
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/20/2019 11:41 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085568

P.O. :

Product 074361

3A & No 4

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	68,780	31,198
Tare	27,420 *	12,438
Net	41,360	18,761
	20.68 Ton	18.76

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	123.73	Loads:
Tons To Date:	209.08	6
Today Tonnes	112.25	
Tonnes To Date:	189.67	

Carrier : 8275244 ZIELINSKIS ASPHALT INC

Vehicle: 406ZP10 ZIELINSKI

License: 123

MaxGVW: 80,000

Received:_____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust: _____

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/20/2019 12:34 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085580

P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,060	31,779
Tare	28,540 *	12,946
Net	41,520	18,833
	20.76 Ton	18.83

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	144.49	Loads:
Tons To Date:	229.84	7
Today Tonnes	131.08	
Tonnes To Date:	208.51	

Carrier : 8275244 ZIELINSKIS ASPHALT INC

Vehicle: 406ZP05 ZIELINSKI BLACK TRI/

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/20/2019 13:25 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085592

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,560	31,552
Tare	27,420 *	12,438
Net	42,140	19,114
	21.07 Ton	19.11

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	165.56	Loads:
Tons To Date:	250.91	8
Today Tonnes	150.19	
Tonnes To Date:	227.62	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP10 ZIELINSKI
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 11:01 In : 10:46:50

Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519085679

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	110,720	50,222
Tare	45,720	20,738
Net	65,000	29,483
	32.50 Ton	29.48

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	32.50	Loads:
Tons To Date:	32.50	1
Today Tonnes	29.48	
Tonnes To Date:	29.48	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____
Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 13:04 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519085708

P.O. :

Product 074361

3A & No 4

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	112,380	50,975
Tare	45,720 *	20,738
Net	66,660	30,236
	33.33 Ton	30.24

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	65.83	Loads:
Tons To Date:	65.83	2
Today Tonnes	59.72	
Tonnes To Date:	59.72	

Carrier :

Vehicle: 406PEC192 PARAGON

License: **123**

MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 14:50 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519085730

P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,620	50,176
Tare	45,720 *	20,738
Net	64,900	29,438
	32.45 Ton	29.44

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	98.28	Loads:
Tons To Date:	98.28	3
Today Tonnes	89.16	
Tonnes To Date:	89.16	

Carrier :
Vehicle: 406PEC192 PARAGON
License: 123
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 15:13 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085734

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	73,920	33,530
Tare	29,600 *	13,426
Net	44,320	20,103
	22.16 Ton	20.10

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	159.29	Loads:
Tons To Date:	410.20	7
Today Tonnes	144.51	
Tonnes To Date:	372.13	

Carrier : 9597552 MACDONOUGH EXCAVATING
Vehicle: 406ME8 MACDONOUGH EXCA'
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 15:15 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085735

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,380	31,470
Tare	27,660 *	12,546
Net	41,720	18,924
	20.86 Ton	18.92

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	180.15	Loads:
Tons To Date:	431.06	8
Today Tonnes	163.43	
Tonnes To Date:	391.05	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: **123**
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 11:56 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085690

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	78,060	35,407
Tare	29,600 *	13,426
Net	48,460	21,981
	24.23 Ton	21.98

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	70.92	Loads:
Tons To Date:	321.83	3
Today Tonnes	64.34	
Tonnes To Date:	291.96	

Carrier : 9597552 MACDONOUGH EXCAVATING
Vehicle: 406ME8 MACDONOUGH EXCA'
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 11:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085691

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,260	32,323
Tare	27,660 *	12,546
Net	43,600	19,777
	21.80 Ton	19.78

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	92.72	Loads:
Tons To Date:	343.63	4
Today Tonnes	84.11	
Tonnes To Date:	311.74	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: **123**
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 13:37 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085715

P.O. :

Product 074361

3A & No 4

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	76,160	34,546
Tare	29,600 *	13,426
Net	46,560	21,119
	23.28 Ton	21.12

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	116.00	Loads:
Tons To Date:	366.91	5
Today Tonnes	105.23	
Tonnes To Date:	332.86	

Carrier : 9597552 MACDONOUGH EXCAVATING

Vehicle: 406ME8 MACDONOUGH EXCA'

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 13:38 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085716

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,920	31,715
Tare	27,660 *	12,546
Net	42,260	19,169
	21.13 Ton	19.17

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	137.13	Loads:
Tons To Date:	388.04	6
Today Tonnes	124.40	
Tonnes To Date:	352.02	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: 123
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 10:20 In : 10:10:58

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085669

P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	79,320	35,979
Tare	29,600	13,426
Net	49,720	22,553
	24.86 Ton	22.55

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	24.86	Loads:
Tons To Date:	275.77	1
Today Tonnes	22.55	
Tonnes To Date:	250.17	

Carrier : 9597552 MACDONOUGH EXCAVATING

Vehicle: 406ME8 MACDONOUGH EXCA'

License: **123**

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/21/2019 10:25 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085670

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,320	32,350
Tare	27,660 *	12,546
Net	43,660	19,804
	21.83 Ton	19.80

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	46.69	Loads:
Tons To Date:	297.60	2
Today Tonnes	42.36	
Tonnes To Date:	269.98	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: **123**
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/24/2019 08:24 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519085760**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	112,300	50,938
Tare	45,720 *	20,738
Net	66,580	30,200
	33.29 Ton	30.20

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	33.29	Loads:
Tons To Date:	131.57	1
Today Tonnes	30.20	
Tonnes To Date:	119.36	

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/24/2019 10:33 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519085804

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	105,300	47,763
Tare	45,720 *	20,738
Net	59,580	27,025
	29.79 Ton	27.03

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	63.08	Loads:
Tons To Date:	161.36	2
Today Tonnes	57.23	
Tonnes To Date:	146.38	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC192 PARAGON
License:
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Cust:

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/24/2019 12:05 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519085832**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	111,960	50,784
Tare	45,720 *	20,738
Net	66,240	30,046

33.12 Ton 30.05
* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	96.20	Loads:
Tons To Date:	194.48	3
Today Tonnes	87.27	
Tonnes To Date:	176.43	

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/24/2019 14:26 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. **1519085884**

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	108,980	49,432
Tare	45,720 *	20,738
Net	63,260	28,694
	31.63 Ton	28.69

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	127.83	Loads:
Tons To Date:	226.11	4
Today Tonnes	115.97	
Tonnes To Date:	205.12	

Carrier :
Vehicle: 406PEC192 PARAGON
License: .
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/24/2019 08:25 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519085761**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	72,780	33,012
Tare	29,820 *	13,526
Net	42,960	19,486

21.48 Ton 19.49
* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	63.98	Loads:
Tons To Date:	495.04	3
Today Tonnes	58.04	
Tonnes To Date:	449.09	

Carrier : 419881 PLANT 11-TRUCKER 93
Vehicle: 4060326 Hanson STANLEY
License: **123**
MaxGVW: 78,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/24/2019 08:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No.** **1519085762**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	72,340	32,813
Tare	28,080 *	12,737
Net	44,260	20,076
	22.13 Ton	20.08

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	86.11	Loads:
Tons To Date:	517.17	4
Today Tonnes	78.12	
Tonnes To Date:	469.17	

Carrier : 1483930 FRED BURROWS TRUCKING & BEAVER
Vehicle: 406L470
License: .
MaxGVW: 81,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/24/2019 06:51 In : 6:43:07

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085743

P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,580	31,561
Tare	28,080	12,737
Net	41,500	18,824
	20.75 Ton	18.82

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	42.50	Loads:
Tons To Date:	473.56	2
Today Tonnes	38.56	
Tonnes To Date:	429.61	

Carrier : 1483930 FRED BURROWS TRUCKING & BEAVER
Vehicle: 406L470
License: .
MaxGVW: 81,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/24/2019 06:48 In : 6:28:28
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519085742**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	73,320	33,257
Tare	29,820	13,526
Net	43,500	19,731
	21.75 Ton	19.73

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	21.75	Loads:
Tons To Date:	452.81	1
Today Tonnes	19.73	
Tonnes To Date:	410.78	

Carrier : 419881 PLANT 11-TRUCKER 93
Vehicle: 4060326 Hanson STANLEY
License: **123**
MaxGVW: 78,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver** **Customer Copy** Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/27/2019 12:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086343**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	69,440	31,497
Tare	28,380 *	12,873
Net	41,060	18,624
	20.53 Ton	18.62

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	20.53	Loads:
Tons To Date:	246.64	1
Today Tonnes	18.62	
Tonnes To Date:	223.75	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **123**
MaxGVW: 80,000
Received:_____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust: _____

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/3/2019 08:04 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086760**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	113,360	51,419
Tare	45,720 *	20,738
Net	67,640	30,681
	33.82 Ton	30.68

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	33.82	Loads:
Tons To Date:	280.46	1
Today Tonnes	30.68	
Tonnes To Date:	254.43	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/8/2019 09:59 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086901**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	112,220	50,902
Tare	45,720 *	20,738
Net	66,500	30,164
	33.25 Ton	30.16

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	65.40	Loads:
Tons To Date:	345.86	2
Today Tonnes	59.33	
Tonnes To Date:	313.76	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Copy** Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/8/2019 08:11 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086880**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	110,020	49,904
Tare	45,720 *	20,738
Net	64,300	29,166
	32.15 Ton	29.17

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	32.15	Loads:
Tons To Date:	312.61	1
Today Tonnes	29.17	
Tonnes To Date:	283.60	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Copy** Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/8/2019 09:59 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086901**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	112,220	50,902
Tare	45,720 *	20,738
Net	66,500	30,164
	33.25 Ton	30.16

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	65.40	Loads:
Tons To Date:	345.86	2
Today Tonnes	59.33	
Tonnes To Date:	313.76	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Do Not Accept [2]** Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/8/2019 08:11 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086880**
P.O. :

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	110,020	49,904
Tare	45,720 *	20,738
Net	64,300	29,166
	32.15 Ton	29.17

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	32.15	Loads:
Tons To Date:	312.61	1
Today Tonnes	29.17	
Tonnes To Date:	283.60	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup** **Customer Do Not Accept [2]** Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/23/2019 11:52 In : 11:18:48

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

P.O. :

Tkt. No. 1519088219

Product 074361
3A & No 4
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,960	50,331
Tare	45,560	20,666
Net	65,400	29,665
	32.70 Ton	29.66

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	32.70	Loads:
Tons To Date:	378.56	1
Today Tonnes	29.66	
Tonnes To Date:	343.42	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 13:53 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085347

P.O. :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	65,500	29,710
Tare	26,040 *	11,812
Net	39,460	17,899
	19.73 Ton	17.90

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	184.37	Loads:
Tons To Date:	184.37	9
Today Tonnes	167.26	
Tonnes To Date:	167.26	

Carrier : 8275244 ZIELINSKIS ASPHALT INC

Vehicle: 406ZP07 ZIELINSKI

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 14:16 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085348

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,020	31,307
Tare	27,660 *	12,546
Net	41,360	18,761
	20.68 Ton	18.76

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	205.05	Loads:
Tons To Date:	205.05	10
Today Tonnes	186.02	
Tonnes To Date:	186.02	

Carrier : 5659445 KITCHEN EXCAVATING INC

Vehicle: 406KE05 KE05

License: 123

MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 11:29 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085317

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	68,960	31,280
Tare	27,660 *	12,546
Net	41,300	18,733
	20.65 Ton	18.73

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	164.64	Loads:
Tons To Date:	164.64	8
Today Tonnes	149.36	
Tonnes To Date:	149.36	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: 123
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 11:05 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085310

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	63,820	28,948
Tare	26,040 *	11,812
Net	37,780	17,137
	18.89 Ton	17.14

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	143.99	Loads:
Tons To Date:	143.99	7
Today Tonnes	130.63	
Tonnes To Date:	130.63	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP07 ZIELINSKI
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 06:09 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085267

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,200	31,842
Tare	27,660 *	12,546
Net	42,540	19,296
	21.27 Ton	19.30

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	21.27	Loads:
Tons To Date:	21.27	1
Today Tonnes	19.30	
Tonnes To Date:	19.30	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: 123
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 06:48 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519085273**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	67,320	30,536
Tare	26,040 *	11,812
Net	41,280	18,724
	20.64 Ton	18.72

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	41.91	Loads:
Tons To Date:	41.91	2
Today Tonnes	38.02	
Tonnes To Date:	38.02	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP07 ZIELINSKI
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 07:33 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085277

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,240	31,407
Tare	27,660 *	12,546
Net	41,580	18,860
	20.79 Ton	18.86

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	62.70	Loads:
Tons To Date:	62.70	3
Today Tonnes	56.88	
Tonnes To Date:	56.88	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: 123
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 08:17 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085285

P.O. :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	66,640	30,227
Tare	26,040 *	11,812
Net	40,600	18,416
	20.30 Ton	18.42

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	83.00	Loads:
Tons To Date:	83.00	4
Today Tonnes	75.30	
Tonnes To Date:	75.30	

Carrier : 8275244 ZIELINSKIS ASPHALT INC

Vehicle: 406ZP07 ZIELINSKI

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 08:56 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085289

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,840	32,132
Tare	27,660 *	12,546
Net	43,180	19,586
	21.59 Ton	19.59

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	104.59	Loads:
Tons To Date:	104.59	5
Today Tonnes	94.88	
Tonnes To Date:	94.88	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: 123
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/18/2019 09:44 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519085299**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	67,060	30,418
Tare	26,040 *	11,812
Net	41,020	18,606
	20.51 Ton	18.61

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	125.10	Loads:
Tons To Date:	125.10	6
Today Tonnes	113.49	
Tonnes To Date:	113.49	

Carrier : 8275244 ZIELINSKIS ASPHALT INC
Vehicle: 406ZP07 ZIELINSKI
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

LIMITED WARRANTY AND REMEDIES

Notwithstanding any provision in any purchase order or other document of Buyer, this sale is subject to the following Limited Warranty and Remedies, which Buyer is deemed to accept and agree to by acceptance of delivery or use of goods: Hanson warrants that, at the time of delivery, the goods will conform to the applicable specifications set forth in the Quotation, Acknowledgement of Order, or other sales document signed by Hanson for this delivery. THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL OR IMPLIED. IN FACT OR IN LAW (INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE). If the goods do not conform to this limited warranty when delivered and Hanson is notified in writing within 30 days of delivery, Buyer's sole and exclusive remedy and Hanson's sole liability, whether in contract, tort, warranty, strict liability, or any other legal theory, is for Hanson, at its sole option, to either (i) repair or replace the non-conforming goods, FOB Hanson's plant with full freight allowed to the jobsite, or (ii) refund the price paid for the non-conforming goods. HANSON WILL NOT BE LIABLE FOR DELAY, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. Hanson's liability, whether under contract, tort (including negligence), warranty, strict liability, or any other legal theory, shall not exceed the price of the goods or portion thereof on which such liability is based.

GHS Hazard Warnings

DANGER
May cause cancer.
May cause damage to organs (lung) through prolonged or repeated exposure.
Causes skin irritation and serious eye irritation.

PREVENTION: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash any exposed body parts after handling. Wear protective gloves, clothing, eye protection and face protection.
RESPONSE: If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water.Take off contaminated clothing immediately and wash it before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do.
STORAGE: Restrict or control access to stockpile areas (store locked up). Engulfment hazard: To prevent burial, or suffocation, do not enter a confined space, such as a silo, bulk truck or other storage container or vessel that stores or contains material without an effective procedure for assuring safety.
DISPOSAL: Dispose of contents/container in accordance with local, regional, national, and international regulations.
SUPPLEMENTAL INFORMATION: Before handling product determine appropriate ventilation or respiratory protection. Repeated inhalation of respirable crystalline silica (quartz) may cause lung cancer. Health risk is dependent upon work duration and levels of potential silica exposure in the workplace.

WHILE IN VEHICLE: Obey speed, directional and caution signs; Give right of way to loaded mobile equipment; Stay clear of other vehicles' blind areas; Keep safe following distance from other vehicles; Set brakes, if on grade, chock wheels; Always check overhead clearance before raising truck bed; Never travel with truck bed raised; Never stop under a conveyor, near plant structures, or where your vehicle will restrict traffic; Leave clearance between your vehicle and others; Remain in your vehicle while being loaded for your safety; Dump overloads only at specified locations; Do not park close to stockpile face.
LEAVING CAB: Wear hard hat and safety glasses; Use designated station to safely access truck bed; Watch for moving vehicles; Never walk or stand between back of truck and stockpile.
UNSAFE CONDITIONS: Report any unsafe conditions or incidents to site management immediately.
NOTE: Your signature acknowledges receipt of these requirements and your agreement to abide by these rules.

See SDS before using this product available at www.lehighhanson.com • 972-653-5500

Lehigh Hanson, 300 E. John Carpenter Freeway, Suite 1645, Irving, TX 75062
For after-hours emergency information call CHEMTREC® at 1-800-424-9300

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 09:30 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

P.O. :

Tkt. No. 1519085392
Correction of 1519085391

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,720 *	32,078
Tare	26,900 *	12,202
Net	43,820 *	19,876
	21.91 Ton	19.88

* Manual Weight

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	21.91	Loads:
Tons To Date:	226.96	1
Today Tonnes	19.88	
Tonnes To Date:	205.89	

Carrier : 8070863 RYAN ALDRICH TRUCKING & ALDRICH

Vehicle: 406AT78

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 10:56 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085411

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	70,040	31,770
Tare	26,900 *	12,202
Net	43,140	19,568
	21.57 Ton	19.57

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	43.48	Loads:
Tons To Date:	248.53	2
Today Tonnes	39.44	
Tonnes To Date:	225.46	

Carrier : 8070863 RYAN ALDRICH TRUCKING &
Vehicle: 406AT78 ALDRICH
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 12:20 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085429

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,840	31,679
Tare	26,900 *	12,202
Net	42,940	19,477
	21.47 Ton	19.48

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	64.95	Loads:
Tons To Date:	270.00	3
Today Tonnes	58.92	
Tonnes To Date:	244.94	

Carrier : 8070863 RYAN ALDRICH TRUCKING &
Vehicle: 406AT78 ALDRICH
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 12:39 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085432

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	68,420	31,035
Tare	27,660 *	12,546
Net	40,760	18,488
	20.38 Ton	18.49

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	85.33	Loads:
Tons To Date:	290.38	4
Today Tonnes	77.41	
Tonnes To Date:	263.43	

Carrier : 5659445 KITCHEN EXCAVATING INC
Vehicle: 406KE05 KE05
License: 123
MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 13:55 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION
P.O. :

Tkt. No. 1519085446

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	71,060	32,232
Tare	26,900 *	12,202
Net	44,160	20,031
	22.08 Ton	20.03

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	107.41	Loads:
Tons To Date:	312.46	5
Today Tonnes	97.44	
Tonnes To Date:	283.46	

Carrier : 8070863 RYAN ALDRICH TRUCKING &
Vehicle: 406AT78 ALDRICH
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 14:03 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085449

P.O. :

Product 074335

Crusher Run

S.O. Info.

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,600	31,570
Tare	27,660 *	12,546
Net	41,940	19,024
	20.97 Ton	19.02

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	128.38	Loads:
Tons To Date:	333.43	6
Today Tonnes	116.46	
Tonnes To Date:	302.48	

Carrier : 5659445 KITCHEN EXCAVATING INC

Vehicle: 406KE05 KE05

License: 123

MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 15:21 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085458

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	69,740	31,634
Tare	26,900 *	12,202
Net	42,840	19,432
	21.42 Ton	19.43

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	149.80	Loads:
Tons To Date:	354.85	7
Today Tonnes	135.90	
Tonnes To Date:	321.91	

Carrier : 8070863 RYAN ALDRICH TRUCKING & ALDRICH

Vehicle: 406AT78

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 15:25 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015358 HH FEDERAL CREOSOTE REMEDIATION

Tkt. No. 1519085459

P.O. :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: HH FEDERAL CREOSOTE REMEDIATION

	Pounds	Kilo
Gross	68,960	31,280
Tare	27,660 *	12,546
Net	41,300	18,733
	20.65 Ton	18.73

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	170.45	Loads:
Tons To Date:	375.50	8
Today Tonnes	154.63	
Tonnes To Date:	340.65	

Carrier : 5659445 KITCHEN EXCAVATING INC

Vehicle: 406KE05 KE05

License: 123

MaxGVW: 76,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023

P/D Status: **Deliver**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

6/19/2019 14:44 In : 14:35:04

Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 20203 FEDERAL CREOSOTE REMEDIATION **Tkt. No. 1519085455**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref:

	Pounds	Kilo
Gross	71,620	32,486
Tare	31,800	14,424
Net	39,820	18,062
	19.91 Ton	18.06

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	19.91	Loads:
Tons To Date:	0.00	1
Today Tonnes	18.06	
Tonnes To Date:	0.00	

Carrier :
Vehicle: 406PEC616 PARAGON
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/2/2019 11:54 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519086692**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	108,660	49,287
Tare	45,720 *	20,738
Net	62,940	28,549
	31.47 Ton	28.55

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	31.47	Loads:
Tons To Date:	31.47	1
Today Tonnes	28.55	
Tonnes To Date:	28.55	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

19-0120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/2/2019 14:24 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519086724**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	111,700	50,666
Tare	45,720 *	20,738
Net	65,980	29,928
	32.99 Ton	29.93

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	64.46	Loads:
Tons To Date:	64.46	2
Today Tonnes	58.48	
Tonnes To Date:	58.48	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

19-0120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/12/2019 08:34 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087325**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,860	50,285
Tare	45,720 *	20,738
Net	65,140	29,547
	32.57 Ton	29.55

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	32.57	Loads:
Tons To Date:	97.03	1
Today Tonnes	29.55	
Tonnes To Date:	88.02	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/12/2019 12:51 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087367**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,760	48,879
Tare	45,720 *	20,738
Net	62,040	28,141
	31.02 Ton	28.14

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	94.28	Loads:
Tons To Date:	158.74	3
Today Tonnes	85.53	
Tonnes To Date:	144.01	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/12/2019 08:34 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087325**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,860	50,285
Tare	45,720 *	20,738
Net	65,140	29,547
	32.57 Ton	29.55

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	32.57	Loads:
Tons To Date:	97.03	1
Today Tonnes	29.55	
Tonnes To Date:	88.02	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/12/2019 12:51 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519087367**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,760	48,879
Tare	45,720 *	20,738
Net	62,040	28,141
	31.02 Ton	28.14

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	94.28	Loads:
Tons To Date:	158.74	3
Today Tonnes	85.53	
Tonnes To Date:	144.01	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000
Received:
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/12/2019 10:48 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087351**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	107,100	48,580
Tare	45,720 *	20,738
Net	61,380	27,841
	30.69 Ton	27.84

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	63.26	Loads:
Tons To Date:	127.72	2
Today Tonnes	57.39	
Tonnes To Date:	115.87	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/12/2019 10:48 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519087351**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	107,100	48,580
Tare	45,720 *	20,738
Net	61,380	27,841
	30.69 Ton	27.84

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	63.26	Loads:
Tons To Date:	127.72	2
Today Tonnes	57.39	
Tonnes To Date:	115.87	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

7/23/2019 13:55 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519088265**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	108,560	49,242
Tare	45,560 *	20,666
Net	63,000	28,576
	31.50 Ton	28.58

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	31.50	Loads:
Tons To Date:	190.24	1
Today Tonnes	28.58	
Tonnes To Date:	172.58	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **123**
MaxGVW: 114,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Kimball, Dean 300023
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 10:27 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093040**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	68,900	31,253
Tare	28,720 *	13,027
Net	40,180	18,225
	20.09 Ton	18.23

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	20.09	Loads:
Tons To Date:	210.33	1
Today Tonnes	18.23	
Tonnes To Date:	190.81	

Carrier :

Vehicle: 406PEC154 PARAGON

License: **35411**

MaxGVW: 72,500

Received:

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 10:52 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093050**

P.O. :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	111,620	50,630
Tare	46,620 *	21,146
Net	65,000	29,483
	32.50 Ton	29.48

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	52.59	Loads:
Tons To Date:	242.83	2
Today Tonnes	47.71	
Tonnes To Date:	220.29	

Carrier :

Vehicle: 406PEC192 PARAGON

License: 35411

MaxGVW: 113.500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 10:58 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093055**

P.O. :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	103,580	46,983
Tare	45,000 *	20,412
Net	58,580	26,571
	29.29 Ton	26.57

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	81.88	Loads:
Tons To Date:	272.12	3
Today Tonnes	74.28	
Tonnes To Date:	246.86	

Carrier :

Vehicle: 406PEC633 PARAGON

License: **19822TC**

MaxGVW: 107,000

Received:_____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust: _____

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 12:05 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093080**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,860	31,688
Tare	28,700 *	13,018
Net	41,160	18,670
	20.58 Ton	18.67

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	102.46	Loads:
Tons To Date:	292.70	4
Today Tonnes	92.95	
Tonnes To Date:	265.53	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 12:20 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093086**
P O

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	109,520	49,677
Tare	46,620 *	21,146
Net	62,900	28,531
	31.45 Ton	28.53

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	133.91	Loads:
Tons To Date:	324.15	5
Today Tonnes	121.48	
Tonnes To Date:	294.06	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC192 PARAGON
License: 35411
MaxGVW: 113.500

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 12:31 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093094**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	68,740	31,180
Tare	28,720 *	13,027
Net	40,020	18,153
	20.01 Ton	18.15

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	153.92	Loads:
Tons To Date:	344.16	6
Today Tonnes	139.63	
Tonnes To Date:	312.22	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 13:01 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093106**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	106,040	48,099
Tare	45,000 *	20,412
Net	61,040	27,687
	30.52 Ton	27.69

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	184.44	Loads:
Tons To Date:	374.68	7
Today Tonnes	167.32	
Tonnes To Date:	339.90	

Carrier :

Vehicle: 406PEC633 PARAGON

License: **19822TC**

MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 13:34 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093125**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	67,160	30,463
Tare	28,700 *	13,018
Net	38,460	17,445
	19.23 Ton	17.45

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	203.67	Loads:
Tons To Date:	393.91	8
Today Tonnes	184.77	
Tonnes To Date:	357.35	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

TK630 19-0120

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 13:52 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093133**

P.O. :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	110,440	50,095
Tare	46,620 *	21,146
Net	63,820	28,948
	31.91 Ton	28.95

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	235.58	Loads:
Tons To Date:	425.82	9
Today Tonnes	213.71	
Tonnes To Date:	386.30	

Carrier :

Vehicle: 406PEC192 PARAGON

License: **35411**

MaxGVW: 113,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 13:56 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093136**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	69,340	31,452
Tare	28,720 *	13,027
Net	40,620	18,425
	20.31 Ton	18.42

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	255.89	Loads:
Tons To Date:	446.13	10
Today Tonnes	232.14	
Tonnes To Date:	404.72	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 14:37 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093152**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	106,960	48,516
Tare	45,000 *	20,412
Net	61,960	28,105
	30.98 Ton	28.10

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	286.87	Loads:
Tons To Date:	477.11	11
Today Tonnes	260.24	
Tonnes To Date:	432.83	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 14:37 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093152**
P.O.

Product 074335
Crusher Run
S.O. Info
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	106,960	48,516
Tare	45,000 *	20,412
Net	61,960	28,105
	30.98 Ton	28.10

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	286.87	Loads:
Tons To Date:	477.11	11
Today Tonnes	260.24	
Tonnes To Date:	432.83	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 14:54 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093158**

P.O :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	66,100	29,982
Tare	28,700 *	13,018
Net	37,400	16,964
	18.70 Ton	16.96

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	305.57	Loads:
Tons To Date:	495.81	12
Today Tonnes	277.21	
Tonnes To Date:	449.79	

Carrier :

Vehicle: 406PEC630 PARAGON

License: **123**

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 15:22 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093164**
P.O. :

Product 074335
Crusher Run
S.O. Info
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	108,980	49,432
Tare	46,620 *	21,146
Net	62,360	28,286
	31.18 Ton	28.29

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	336.75	Loads:
Tons To Date:	526.99	13
Today Tonnes	305.49	
Tonnes To Date:	478.08	

Carrier :
Vehicle: 406PEC192 PARAGON
License: **35411**
MaxGVW: 113,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/12/2019 15:28 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093165**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	70,280	31,878
Tare	28,720 *	13,027
Net	41,560	18,851
	20.78 Ton	18.85

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	357.53	Loads:
Tons To Date:	547.77	14
Today Tonnes	324.35	
Tonnes To Date:	496.93	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 06:52 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093177**
P.O. :

Product 074335
Crusher Run
S.O. Info.
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,880 m	31,697
Tare	28,200 *	12,791
Net	41,680 m	18,906
	20.84 Ton	18.91

m Manual Weight, * P.T.

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	20.84	Loads:
Tons To Date:	568.61	1
Today Tonnes	18.91	
Tonnes To Date:	515.83	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 07:18 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093188**

P.O. :

Product 074335
Crusher Run
S.O. Info
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,120	31,352
Tare	28,700 *	13,018
Net	40,420	18,334
	20.21 Ton	18.33

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	41.05	Loads:
Tons To Date:	588.82	2
Today Tonnes	37.24	
Tonnes To Date:	534.17	

Carrier :

Vehicle: 406PEC630 PARAGON

License: **123**

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____

Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 07:28 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093191**

P.O. :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	70,820	32,123
Tare	28,720 *	13,027
Net	42,100	19,096
	21.05 Ton	19.10

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	62.10	Loads:
Tons To Date:	609.87	3
Today Tonnes	56.34	
Tonnes To Date:	553.26	

Carrier :

Vehicle: 406PEC154 PARAGON

License: **35411**

MaxGVW: 72,500

Received:

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 07:52 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093193**

P.O.:

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	105,280	47,754
Tare	45,000 *	20,412
Net	60,280	27,343
	30.14 Ton	27.34

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	92.24	Loads:
Tons To Date:	640.01	4
Today Tonnes	83.68	
Tonnes To Date:	580.61	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 08:43 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093207**
P.O. :

Product 074335
Crusher Run
S.O. Info
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	71,140	32,269
Tare	28,700 *	13,018
Net	42,440	19,250
	21.22 Ton	19.25

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	113.46	Loads:
Tons To Date:	661.23	5
Today Tonnes	102.93	
Tonnes To Date:	599.86	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims withrespect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 08:55 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093208**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	70,000	31,751
Tare	28,720 *	13,027
Net	41,280	18,724
	20.64 Ton	18.72

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	134.10	Loads:
Tons To Date:	681.87	6
Today Tonnes	121.65	
Tonnes To Date:	618.58	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 09:24 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093215**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	105,220	47,727
Tare	45,000 *	20,412
Net	60,220	27,315
	30.11 Ton	27.32

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	164.21	Loads:
Tons To Date:	711.98	7
Today Tonnes	148.97	
Tonnes To Date:	645.90	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 10:00 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093229**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,560	31,552
Tare	28,200 *	12,791
Net	41,360	18,761
	20.68 Ton	18.76

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	184.89	Loads:
Tons To Date:	732.66	8
Today Tonnes	167.73	
Tonnes To Date:	664.66	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 10:07 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093231**

P.O.

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	69,620	31,579
Tare	28,700 *	13,018
Net	40,920	18,561
	20.46 Ton	18.56

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	205.35	Loads:
Tons To Date:	753.12	9
Today Tonnes	186.29	
Tonnes To Date:	683.22	

Carrier :
Vehicle: 406PEC630 PARAGON
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 10:24 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093234**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,240	31,407
Tare	28,720 *	13,027
Net	40,520	18,380
	20.26 Ton	18.38

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	225.61	Loads:
Tons To Date:	773.38	10
Today Tonnes	204.67	
Tonnes To Date:	701.60	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims withrespect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 10:47 In : 10:36:23

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519093238

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	103,620	47,001
Tare	42,760	19,396
Net	60,860	27,606
	30.43 Ton	27.61

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	256.04	Loads:
Tons To Date:	803.81	11
Today Tonnes	232.28	
Tonnes To Date:	729.20	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 10:49 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093240**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	104,720	47,500
Tare	45,000 *	20,412
Net	59,720	27,089
	29.86 Ton	27.09

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	285.90	Loads:
Tons To Date:	833.67	12
Today Tonnes	259.36	
Tonnes To Date:	756.29	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 10:49 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093240**
P.O.

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	104,720	47,500
Tare	45,000 *	20,412
Net	59,720	27,089
	29.86 Ton	27.09

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	285.90	Loads:
Tons To Date:	833.67	12
Today Tonnes	259.36	
Tonnes To Date:	756.29	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 11:50 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093254**

PO :

Product 074335
Crusher Run
S.O. Info
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	68,160	30,917
Tare	28,200 *	12,791
Net	39,960	18,126
	19.98 Ton	18.13

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	305.88	Loads:
Tons To Date:	853.65	13
Today Tonnes	277.49	
Tonnes To Date:	774.42	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 11:51 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093255**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	67,360	30,554
Tare	28,700 *	13,018
Net	38,660	17,536
	19.33 Ton	17.54

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	325.21	Loads:
Tons To Date:	872.98	14
Today Tonnes	295.03	
Tonnes To Date:	791.95	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 11:52 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093256**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	69,960	31,733
Tare	28,720 *	13,027
Net	41,240	18,706

20.62 Ton 18.71

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	345.83	Loads:
Tons To Date:	893.60	15
Today Tonnes	313.73	
Tonnes To Date:	810.66	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 12:51 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093274**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	105,280	47,754
Tare	45,000 *	20,412
Net	60,280	27,343
	30.14 Ton	27.34

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	375.97	Loads:
Tons To Date:	923.74	16
Today Tonnes	341.07	
Tonnes To Date:	838.00	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 12:52 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093275**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	101,940	46,239
Tare	42,760 *	19,396
Net	59,180	26,844
	29.59 Ton	26.84

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	405.56	Loads:
Tons To Date:	953.33	17
Today Tonnes	367.92	
Tonnes To Date:	864.85	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 13:35 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093282**

P.O. :

Product 074335

Crusher Run

S.O. Info:

Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	67,120	30,445
Tare	28,700 *	13,018
Net	38,420	17,427
	19.21 Ton	17.43

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	424.77	Loads:
Tons To Date:	972.54	18
Today Tonnes	385.34	
Tonnes To Date:	882.27	

Carrier :

Vehicle: 406PEC630 PARAGON

License: **123**

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 13:44 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093288**

P.O. :

Product 074335
Crusher Run
S.O. Info
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	70,020	31,761
Tare	28,200 *	12,791
Net	41,820	18,969
	20.91 Ton	18.97

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	445.68	Loads:
Tons To Date:	993.45	19
Today Tonnes	404.31	
Tonnes To Date:	901.24	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/13/2019 13:46 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093289**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	66,240	30,046
Tare	28,720 *	13,027
Net	37,520	17,019
	18.76 Ton	17.02

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	464.44	Loads:
Tons To Date:	1,012.21	20
Today Tonnes	421.33	
Tonnes To Date:	918.26	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY. NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:10 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093431**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,760	31,643
Tare	28,700 *	13,018
Net	41,060	18,624
	20.53 Ton	18.62

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	313.15	Loads:
Tons To Date:	1,325.36	13
Today Tonnes	284.08	
Tonnes To Date:	1,202.35	

Carrier :
Vehicle: 406PEC630 PARAGON
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselvesthelr employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:04 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093351**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	70,780	32,105
Tare	28,700 *	13,018
Net	42,080	19,087
	21.04 Ton	19.09

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	94.16	Loads:
Tons To Date:	1,106.37	4
Today Tonnes	85.42	
Tonnes To Date:	1,003.68	

Carrier :
Vehicle: 406PEC630 PARAGON
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:33 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093472**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	65,820	29,855
Tare	28,700 *	13,018
Net	37,120	16,837
	18.56 Ton	16.84

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	457.18	Loads:
Tons To Date:	1,469.39	19
Today Tonnes	414.75	
Tonnes To Date:	1,333.01	

Carrier :
Vehicle: 406PEC630 PARAGON
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:40 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093389**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,980	31,742
Tare	28,700 *	13,018
Net	41,280	18,724
	20.64 Ton	18.72

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	239.69	Loads:
Tons To Date:	1,251.90	10
Today Tonnes	217.44	
Tonnes To Date:	1,135.70	

Carrier :
Vehicle: 406PEC630 PARAGON
License: 123
MaxGVW: 80.000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 13:08 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093490**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	101,060	45,840
Tare	42,760 *	19,396
Net	58,300	26,444
	29.15 Ton	26.44

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	536.47	Loads:
Tons To Date:	1,548.68	22
Today Tonnes	486.68	
Tonnes To Date:	1,404.94	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107.000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept |3| Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:53 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093484**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	67,380	30,563
Tare	28,720 *	13,027
Net	38,660	17,536
	19.33 Ton	17.54

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	476.51	Loads:
Tons To Date:	1,488.72	20
Today Tonnes	432.28	
Tonnes To Date:	1,350.54	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:39 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093388**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	71,000	32,205
Tare	28,200 *	12,791
Net	42,800	19,414
	21.40 Ton	19.41

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	219.05	Loads:
Tons To Date:	1,231.26	9
Today Tonnes	198.72	
Tonnes To Date:	1,116.98	

Carrier :
Vehicle: 406PEC131 PARAGON
License: 84790MH
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:22 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093440**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	71,240	32,314
Tare	28,720 *	13,027
Net	42,520	19,287
	21.26 Ton	19.29

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	365.58	Loads:
Tons To Date:	1,377.79	15
Today Tonnes	331.65	
Tonnes To Date:	1,249.91	

Carrier :
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72.500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519093383

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	68,200	30,935
Tare	28,720 *	13,027
Net	39,480	17,908
	19.74 Ton	17.91

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	197.65	Loads:
Tons To Date:	1,209.86	8
Today Tonnes	179.31	
Tonnes To Date:	1,097.57	

Carrier :
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:59 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO
P.O. :

Tkt. No. 1519093399

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	73,080	33.149
Tare	31,240 *	14.170
Net	41,840	18.978
	20.92 Ton	18.98

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	292.62	Loads:
Tons To Date:	1,304.83	12
Today Tonnes	265.46	
Tonnes To Date:	1,183.72	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer safe responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:58 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093398**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	106,780	48,435
Tare	42,760 *	19,396
Net	64,020	29,039
	32.01 Ton	29.04

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	271.70	Loads:
Tons To Date:	1,283.91	11
Today Tonnes	246.48	
Tonnes To Date:	1,164.74	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:27 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519093443

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	69,960	31,733
Tare	28,200 *	12,791
Net	41,760	18,942
	20.88 Ton	18.94

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No		

Today Tons:	386.46	Loads:
Tons To Date:	1,398.67	16
Today Tonnes	350.59	
Tonnes To Date:	1,268.85	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MII**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:36 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093450**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	74,000	33,566
Tare	31,240 *	14,170
Net	42,760	19,396
	21.38 Ton	19.40

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	438.62	Loads:
Tons To Date:	1,450.83	18
Today Tonnes	397.91	
Tonnes To Date:	1,316.17	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 07:45 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093345**
P.O. :

Product 074335
Crusher Run
S.O. Info.
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	106,940	48,507
Tare	45,000 *	20,412
Net	61,940	28,096
	30.97 Ton	28.10

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	30.97	Loads:
Tons To Date:	1,043.18	1
Today Tonnes	28.10	
Tonnes To Date:	946.36	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:26 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093382**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	107,000	48,534
Tare	45,000 *	20,412
Net	62,000	28,123
	31.00 Ton	28.12

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	177.91	Loads:
Tons To Date:	1,190.12	7
Today Tonnes	161.40	
Tonnes To Date:	1,079.66	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:20 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093438**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,340	48,689
Tare	45,000 *	20,412
Net	62,340	28,277
	31.17 Ton	28.28

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	344.32	Loads:
Tons To Date:	1,356.53	14
Today Tonnes	312.36	
Tonnes To Date:	1,230.62	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093350**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,860	31,688
Tare	28,200 *	12,791
Net	41,660	18,897
	20.83 Ton	18.90

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	73.12	Loads:
Tons To Date:	1,085.33	3
Today Tonnes	66.33	
Tonnes To Date:	984.59	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

Received:_____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Cust: _____

Customer Do Not Accept |3| Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:15 In : 8:08:14

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093355**

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	73,900	33,520
Tare	31,240	14,170
Net	42,660	19,350
	21.33 Ton	19.35

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	146.91	Loads:
Tons To Date:	1,159.12	6
Today Tonnes	133.27	
Tonnes To Date:	1,051.54	

Carrier :
Vehicle: 406PEC616 PARAGON
License: 55230MM
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup** Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:13 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093354**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	105,600	47,899
Tare	42,760 *	19,396
Net	62,840	28,504
	31.42 Ton	28.50

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	125.58	Loads:
Tons To Date:	1,137.79	5
Today Tonnes	113.92	
Tonnes To Date:	1,032.19	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 06:27 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732

P.O :

Tkt. No. 1519093324

Product 074335
Crusher Run
S.O. Info:
Ship Ref:

	Pounds	Kilo
Gross	71,320	32,350
Tare	28,700 *	13,018
Net	42,620	19,332
	21.31 Ton	19.33

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	39.74	Loads:
Tons To Date:	0.00	2
Today Tonnes	36.05	
Tonnes To Date:	0.00	

Carrier :

Vehicle: 406PEC630 PARAGON

License: 123

MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same

CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____

Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [3]

Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 07:50 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093348**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	71,360	32,368
Tare	28,720 *	13,027
Net	42,640	19,341
	21.32 Ton	19.34

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	52.29	Loads:
Tons To Date:	1,064.50	2
Today Tonnes	47.44	
Tonnes To Date:	965.70	

Carrier :
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 06:26 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732
P.O. :

Tkt. No. 1519093323

Product 074335
Crusher Run
S.O. Info
Ship Ref:

	Pounds	Kilo
Gross	65,060	29,511
Tare	28,200 *	12,791
Net	36,860	16,719
	18.43 Ton	16.72

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	18.43	Loads:
Tons To Date:	0.00	1
Today Tonnes	16.72	
Tonnes To Date:	0.00	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:43 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093565**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	69,700	31,615
Tare	28,200 *	12,791
Net	41,500	18,824
	20.75 Ton	18.82

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	702.91	Loads:
Tons To Date:	1,715.12	29
Today Tonnes	637.67	
Tonnes To Date:	1,555.93	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept |3| Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093557**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	72,440	32,858
Tare	31,240 *	14,170
Net	41,200	18,688
	20.60 Ton	18.69

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	682.16	Loads:
Tons To Date:	1,694.37	28
Today Tonnes	618.85	
Tonnes To Date:	1,537.11	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:01 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093556**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	104,020	47,183
Tare	42,760 *	19,396
Net	61,260	27,787
	30.63 Ton	27.79

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	661.56	Loads:
Tons To Date:	1,673.77	27
Today Tonnes	600.16	
Tonnes To Date:	1,518.42	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept |3| Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:36 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093539**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	107,260	48.652
Tare	45,000 *	20.412
Net	62,260	28.241
	31.13 Ton	28.24

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	630.93	Loads:
Tons To Date:	1,643.14	26
Today Tonnes	572.37	
Tonnes To Date:	1,490.63	

Carrier :
Vehicle: 406PEC633 PARAGON
License: 19822TC
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093486**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	106,620	48,362
Tare	45,000 *	20,412
Net	61,620	27,950
	30.81 Ton	27.95

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	507.32	Loads:
Tons To Date:	1,519.53	21
Today Tonnes	460.23	
Tonnes To Date:	1,378.49	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:35 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093449**
P.O.

Product 074335
Crusher Run
S.O. Info.
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	104,320	47,319
Tare	42,760 *	19,396
Net	61,560	27,923
	30.78 Ton	27.92

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	417.24	Loads:
Tons To Date:	1,429.45	17
Today Tonnes	378.51	
Tonnes To Date:	1,296.78	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 13:09 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093491**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	70,540	31,996
Tare	31,240 *	14,170
Net	39,300	17,826
	19.65 Ton	17.83

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	556.12	Loads:
Tons To Date:	1,568.33	23
Today Tonnes	504.50	
Tonnes To Date:	1,422.77	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept |3| Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:20 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093529**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	72,460	32,867
Tare	28,720 *	13,027
Net	43,740	19,840
	21.87 Ton	19.84

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	599.80	Loads:
Tons To Date:	1,612.01	25
Today Tonnes	544.13	
Tonnes To Date:	1,462.39	

Carrier :
Vehicle: 406PEC154 PARAGON
License: 35411
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:01 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093518**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	72,320	32,804
Tare	28,700 *	13,018
Net	43,620	19,786
	21.81 Ton	19.79

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	577.93	Loads:
Tons To Date:	1,590.14	24
Today Tonnes	524.29	
Tonnes To Date:	1,442.55	

Carrier :
Vehicle: 406PEC630 PARAGON
License: 123
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 06:26 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 **Tkt. No. 1519093323**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref:

	Pounds	Kilo
Gross	65,060	29,511
Tare	28,200 *	12,791
Net	36,860	16,719
	18.43 Ton	16.72

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	18.43	Loads:
Tons To Date:	0.00	1
Today Tonnes	16.72	
Tonnes To Date:	0.00	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 07:45 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093345**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	106,940	48,507
Tare	45,000 *	20,412
Net	61,940	28,096
	30.97 Ton	28.10

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	30.97	Loads:
Tons To Date:	1,043.18	1
Today Tonnes	28.10	
Tonnes To Date:	946.36	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 06:26 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 **Tkt. No. 1519093323**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref:

	Pounds	Kilo
Gross	65,060	29,511
Tare	28,200 *	12,791
Net	36,860	16,719
	18.43 Ton	16.72

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	18.43	Loads:
Tons To Date:	0.00	1
Today Tonnes	16.72	
Tonnes To Date:	0.00	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 07:45 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093345**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	106,940	48,507
Tare	45,000 *	20,412
Net	61,940	28,096
	30.97 Ton	28.10

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	30.97	Loads:
Tons To Date:	1,043.18	1
Today Tonnes	28.10	
Tonnes To Date:	946.36	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received: _____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 07:50 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093348**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	71,360	32,368
Tare	28,720 *	13,027
Net	42,640	19,341
	21.32 Ton	19.34

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	52.29	Loads:
Tons To Date:	1,064.50	2
Today Tonnes	47.44	
Tonnes To Date:	965.70	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 06:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 **Tkt. No. 1519093324**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref:

	Pounds	Kilo
Gross	71,320	32,350
Tare	28,700 *	13,018
Net	42,620	19,332
	21.31 Ton	19.33

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	39.74	Loads:
Tons To Date:	0.00	2
Today Tonnes	36.05	
Tonnes To Date:	0.00	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

TRL 650 19-0120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 07:50 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093348**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	71,360	32,368
Tare	28,720 *	13,027
Net	42,640	19,341
	21.32 Ton	19.34

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	52.29	Loads:
Tons To Date:	1,064.50	2
Today Tonnes	47.44	
Tonnes To Date:	965.70	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 06:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 **Tkt. No. 1519093324**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref:

	Pounds	Kilo
Gross	71,320	32,350
Tare	28,700 *	13,018
Net	42,620	19,332
	21.31 Ton	19.33

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	39.74	Loads:
Tons To Date:	0.00	2
Today Tonnes	36.05	
Tonnes To Date:	0.00	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

TM4630 19-0120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:04 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093351**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	70,780	32,105
Tare	28,700 *	13,018
Net	42,080	19,087
	21.04 Ton	19.09

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	94.16	Loads:
Tons To Date:	1,106.37	4
Today Tonnes	85.42	
Tonnes To Date:	1,003.68	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093350**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	69,860	31,688
Tare	28,200 *	12,791
Net	41,660	18,897
	20.83 Ton	18.90

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	73.12	Loads:
Tons To Date:	1,085.33	3
Today Tonnes	66.33	
Tonnes To Date:	984.59	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:04 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093351**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	70,780	32,105
Tare	28,700 *	13,018
Net	42,080	19,087
	21.04 Ton	19.09

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	94.16	Loads:
Tons To Date:	1,106.37	4
Today Tonnes	85.42	
Tonnes To Date:	1,003.68	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093350**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	69,860	31,688
Tare	28,200 *	12,791
Net	41,660	18,897
	20.83 Ton	18.90

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	73.12	Loads:
Tons To Date:	1,085.33	3
Today Tonnes	66.33	
Tonnes To Date:	984.59	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:15 In : 8:08:14
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093355**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	73,900	33,520
Tare	31,240	14,170
Net	42,660	19,350
	21.33 Ton	19.35

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	146.91	Loads:
Tons To Date:	1,159.12	6
Today Tonnes	133.27	
Tonnes To Date:	1,051.54	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

190120 DB
600
643

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:13 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093354**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	105,600	47,899
Tare	42,760 *	19,396
Net	62,840	28,504
	31.42 Ton	28.50

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	125.58	Loads:
Tons To Date:	1,137.79	5
Today Tonnes	113.92	
Tonnes To Date:	1,032.19	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:15 In : 8:08:14
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093355**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	73,900	33,520
Tare	31,240	14,170
Net	42,660	19,350
	21.33 Ton	19.35

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	146.91	Loads:
Tons To Date:	1,159.12	6
Today Tonnes	133.27	
Tonnes To Date:	1,051.54	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 08:13 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093354**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	105,600	47,899
Tare	42,760 *	19,396
Net	62,840	28,504
	31.42 Ton	28.50

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	125.58	Loads:
Tons To Date:	1,137.79	5
Today Tonnes	113.92	
Tonnes To Date:	1,032.19	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093383**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	68,200	30,935
Tare	28,720 *	13,027
Net	39,480	17,908
	19.74 Ton	17.91

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	197.65	Loads:
Tons To Date:	1,209.86	8
Today Tonnes	179.31	
Tonnes To Date:	1,097.57	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:26 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093382**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,000	48,534
Tare	45,000 *	20,412
Net	62,000	28,123
	31.00 Ton	28.12

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	177.91	Loads:
Tons To Date:	1,190.12	7
Today Tonnes	161.40	
Tonnes To Date:	1,079.66	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093383**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	68,200	30,935
Tare	28,720 *	13,027
Net	39,480	17,908
	19.74 Ton	17.91

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	197.65	Loads:
Tons To Date:	1,209.86	8
Today Tonnes	179.31	
Tonnes To Date:	1,097.57	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:26 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093382**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,000	48,534
Tare	45,000 *	20,412
Net	62,000	28,123
	31.00 Ton	28.12

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	177.91	Loads:
Tons To Date:	1,190.12	7
Today Tonnes	161.40	
Tonnes To Date:	1,079.66	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

19-0120

ML 630

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:40 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093389**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,980	31,742
Tare	28,700 *	13,018
Net	41,280	18,724
	20.64 Ton	18.72

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	239.69	Loads:
Tons To Date:	1,251.90	10
Today Tonnes	217.44	
Tonnes To Date:	1,135.70	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:39 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093388**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	71,000	32,205
Tare	28,200 *	12,791
Net	42,800	19,414
	21.40 Ton	19.41

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	219.05	Loads:
Tons To Date:	1,231.26	9
Today Tonnes	198.72	
Tonnes To Date:	1,116.98	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:40 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093389**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,980	31,742
Tare	28,700 *	13,018
Net	41,280	18,724
	20.64 Ton	18.72

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	239.69	Loads:
Tons To Date:	1,251.90	10
Today Tonnes	217.44	
Tonnes To Date:	1,135.70	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:39 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093388**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	71,000	32,205
Tare	28,200 *	12,791
Net	42,800	19,414
	21.40 Ton	19.41

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	219.05	Loads:
Tons To Date:	1,231.26	9
Today Tonnes	198.72	
Tonnes To Date:	1,116.98	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:59 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093399**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	73,080	33,149
Tare	31,240 *	14,170
Net	41,840	18,978
	20.92 Ton	18.98

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No #190120	

Today Tons:	292.62	Loads:
Tons To Date:	1,304.83	12
Today Tonnes	265.46	
Tonnes To Date:	1,183.72	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000
Received: Jim Ayotte
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093398**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	106,780	48,435
Tare	42,760 *	19,396
Net	64,020	29,039
	32.01 Ton	29.04

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	271.70	Loads:
Tons To Date:	1,283.91	11
Today Tonnes	246.48	
Tonnes To Date:	1,164.74	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:59 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093399**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	73,080	33,149
Tare	31,240 *	14,170
Net	41,840	18,978
	20.92 Ton	18.98

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	292.62	Loads:
Tons To Date:	1,304.83	12
Today Tonnes	265.46	
Tonnes To Date:	1,183.72	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 09:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093398**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	106,780	48,435
Tare	42,760 *	19,396
Net	64,020	29,039
	32.01 Ton	29.04

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	271.70	Loads:
Tons To Date:	1,283.91	11
Today Tonnes	246.48	
Tonnes To Date:	1,164.74	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:20 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093438**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,340	48,689
Tare	45,000 *	20,412
Net	62,340	28,277
	31.17 Ton	28.28

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	344.32	Loads:
Tons To Date:	1,356.53	14
Today Tonnes	312.36	
Tonnes To Date:	1,230.62	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:10 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093431**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	69,760	31,643
Tare	28,700 *	13,018
Net	41,060	18,624
	20.53 Ton	18.62

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	313.15	Loads:
Tons To Date:	1,325.36	13
Today Tonnes	284.08	
Tonnes To Date:	1,202.35	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

TRX63990120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:20 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093438**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	107,340	48,689
Tare	45,000 *	20,412
Net	62,340	28,277
	31.17 Ton	28.28

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	344.32	Loads:
Tons To Date:	1,356.53	14
Today Tonnes	312.36	
Tonnes To Date:	1,230.62	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:10 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093431**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	69,760	31,643
Tare	28,700 *	13,018
Net	41,060	18,624
	20.53 Ton	18.62

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	313.15	Loads:
Tons To Date:	1,325.36	13
Today Tonnes	284.08	
Tonnes To Date:	1,202.35	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093443**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,960	31,733
Tare	28,200 *	12,791
Net	41,760	18,942
	20.88 Ton	18.94

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	386.46	Loads:
Tons To Date:	1,398.67	16
Today Tonnes	350.59	
Tonnes To Date:	1,268.85	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:22 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093440**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	71,240	32,314
Tare	28,720 *	13,027
Net	42,520	19,287
	21.26 Ton	19.29

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	365.58	Loads:
Tons To Date:	1,377.79	15
Today Tonnes	331.65	
Tonnes To Date:	1,249.91	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:27 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093443**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	69,960	31,733
Tare	28,200 *	12,791
Net	41,760	18,942
	20.88 Ton	18.94

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	386.46	Loads:
Tons To Date:	1,398.67	16
Today Tonnes	350.59	
Tonnes To Date:	1,268.85	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:22 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093440**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	71,240	32,314
Tare	28,720 *	13,027
Net	42,520	19,287
	21.26 Ton	19.29

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	365.58	Loads:
Tons To Date:	1,377.79	15
Today Tonnes	331.65	
Tonnes To Date:	1,249.91	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:36 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093450**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	74,000	33,566
Tare	31,240 *	14,170
Net	42,760	19,396
	21.38 Ton	19.40

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No #190120	

Today Tons:	438.62	Loads:
Tons To Date:	1,450.83	18
Today Tonnes	397.91	
Tonnes To Date:	1,316.17	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000
Received: Jim Ayotte
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:35 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093449**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	104,320	47,319
Tare	42,760 *	19,396
Net	61,560	27,923
	30.78 Ton	27.92

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	417.24	Loads:
Tons To Date:	1,429.45	17
Today Tonnes	378.51	
Tonnes To Date:	1,296.78	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:36 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093450**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	74,000	33,566
Tare	31,240 *	14,170
Net	42,760	19,396
	21.38 Ton	19.40

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	438.62	Loads:
Tons To Date:	1,450.83	18
Today Tonnes	397.91	
Tonnes To Date:	1,316.17	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 11:35 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093449**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	104,320	47,319
Tare	42,760 *	19,396
Net	61,560	27,923
	30.78 Ton	27.92

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	417.24	Loads:
Tons To Date:	1,429.45	17
Today Tonnes	378.51	
Tonnes To Date:	1,296.78	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000
Received:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Cust:

Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:53 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093484**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	67,380	30,563
Tare	28,720 *	13,027
Net	38,660	17,536
	19.33 Ton	17.54

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	476.51	Loads:
Tons To Date:	1,488.72	20
Today Tonnes	432.28	
Tonnes To Date:	1,350.54	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:33 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093472**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	65,820	29,855
Tare	28,700 *	13,018
Net	37,120	16,837
	18.56 Ton	16.84

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	457.18	Loads:
Tons To Date:	1,469.39	19
Today Tonnes	414.75	
Tonnes To Date:	1,333.01	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

TK650 19-012D

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:53 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093484**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	67,380	30,563
Tare	28,720 *	13,027
Net	38,660	17,536
	19.33 Ton	17.54

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	476.51	Loads:
Tons To Date:	1,488.72	20
Today Tonnes	432.28	
Tonnes To Date:	1,350.54	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:33 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093472**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	65,820	29,855
Tare	28,700 *	13,018
Net	37,120	16,837
	18.56 Ton	16.84

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	457.18	Loads:
Tons To Date:	1,469.39	19
Today Tonnes	414.75	
Tonnes To Date:	1,333.01	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 13:08 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093490**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	101,060	45,840
Tare	42,760 *	19,396
Net	58,300	26,444
	29.15 Ton	26.44

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	536.47	Loads:
Tons To Date:	1,548.68	22
Today Tonnes	486.68	
Tonnes To Date:	1,404.94	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093486**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	106,620	48,362
Tare	45,000 *	20,412
Net	61,620	27,950
	30.81 Ton	27.95

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	507.32	Loads:
Tons To Date:	1,519.53	21
Today Tonnes	460.23	
Tonnes To Date:	1,378.49	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 13:08 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093490**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	101,060	45,840
Tare	42,760 *	19,396
Net	58,300	26,444
	29.15 Ton	26.44

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	536.47	Loads:
Tons To Date:	1,548.68	22
Today Tonnes	486.68	
Tonnes To Date:	1,404.94	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 12:58 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093486**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	106,620	48,362
Tare	45,000 *	20,412
Net	61,620	27,950
	30.81 Ton	27.95

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	507.32	Loads:
Tons To Date:	1,519.53	21
Today Tonnes	460.23	
Tonnes To Date:	1,378.49	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

MV630 19-0120

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:01 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093518**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	72,320	32,804
Tare	28,700 *	13,018
Net	43,620	19,786
	21.81 Ton	19.79

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	577.93	Loads:
Tons To Date:	1,590.14	24
Today Tonnes	524.29	
Tonnes To Date:	1,442.55	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 13:09 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093491**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	70,540	31,996
Tare	31,240 *	14,170
Net	39,300	17,826
	19.65 Ton	17.83

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	556.12	Loads:
Tons To Date:	1,568.33	23
Today Tonnes	504.50	
Tonnes To Date:	1,422.77	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:01 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093518**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	72,320	32,804
Tare	28,700 *	13,018
Net	43,620	19,786
	21.81 Ton	19.79

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	577.93	Loads:
Tons To Date:	1,590.14	24
Today Tonnes	524.29	
Tonnes To Date:	1,442.55	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 13:09 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093491**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	70,540	31,996
Tare	31,240 *	14,170
Net	39,300	17,826
	19.65 Ton	17.83

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	556.12	Loads:
Tons To Date:	1,568.33	23
Today Tonnes	504.50	
Tonnes To Date:	1,422.77	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:36 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093539**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	107,260	48,652
Tare	45,000 *	20,412
Net	62,260	28,241
	31.13 Ton	28.24

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	630.93	Loads:
Tons To Date:	1,643.14	26
Today Tonnes	572.37	
Tonnes To Date:	1,490.63	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:20 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093529**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	72,460	32,867
Tare	28,720 *	13,027
Net	43,740	19,840
	21.87 Ton	19.84

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	599.80	Loads:
Tons To Date:	1,612.01	25
Today Tonnes	544.13	
Tonnes To Date:	1,462.39	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:36 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093539**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	107,260	48,652
Tare	45,000 *	20,412
Net	62,260	28,241
	31.13 Ton	28.24

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	630.93	Loads:
Tons To Date:	1,643.14	26
Today Tonnes	572.37	
Tonnes To Date:	1,490.63	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 14:20 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093529**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	72,460	32,867
Tare	28,720 *	13,027
Net	43,740	19,840
	21.87 Ton	19.84

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	599.80	Loads:
Tons To Date:	1,612.01	25
Today Tonnes	544.13	
Tonnes To Date:	1,462.39	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093557**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	72,440	32,858
Tare	31,240 *	14,170
Net	41,200	18,688
	20.60 Ton	18.69

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	682.16	Loads:
Tons To Date:	1,694.37	28
Today Tonnes	618.85	
Tonnes To Date:	1,537.11	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:01 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093556**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	104,020	47,183
Tare	42,760 *	19,396
Net	61,260	27,787
	30.63 Ton	27.79

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	661.56	Loads:
Tons To Date:	1,673.77	27
Today Tonnes	600.16	
Tonnes To Date:	1,518.42	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:02 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093557**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	72,440	32,858
Tare	31,240 *	14,170
Net	41,200	18,688
	20.60 Ton	18.69

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	682.16	Loads:
Tons To Date:	1,694.37	28
Today Tonnes	618.85	
Tonnes To Date:	1,537.11	

Carrier :
Vehicle: 406PEC616 PARAGON
License: **55230MM**
MaxGVW: 75,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:01 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093556**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	104,020	47,183
Tare	42,760 *	19,396
Net	61,260	27,787
	30.63 Ton	27.79

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	661.56	Loads:
Tons To Date:	1,673.77	27
Today Tonnes	600.16	
Tonnes To Date:	1,518.42	

Carrier :
Vehicle: 406PEC600 PARAGON
License: **17246MB**
MaxGVW: 107,000

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CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:
Cust:
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**
Customer Do Not Accept [2] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:43 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093565**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	69,700	31,615
Tare	28,200 *	12,791
Net	41,500	18,824
	20.75 Ton	18.82

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	702.91	Loads:
Tons To Date:	1,715.12	29
Today Tonnes	637.67	
Tonnes To Date:	1,555.93	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall holdseller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Copy Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/16/2019 15:43 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519093565**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROI

	Pounds	Kilo
Gross	69,700	31,615
Tare	28,200 *	12,791
Net	41,500	18,824
	20.75 Ton	18.82

* Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	702.91	Loads:
Tons To Date:	1,715.12	29
Today Tonnes	637.67	
Tonnes To Date:	1,555.93	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/18/2019 14:33 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093946**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	68,040	30,862
Tare	28,720 *	13,027
Net	39,320	17,835
	19.66 Ton	17.84

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	40.44	Loads:
Tons To Date:	1,755.56	2
Today Tonnes	36.69	
Tonnes To Date:	1,592.62	

Carrier :
Vehicle: 406PEC154 PARAGON
License: **35411**
MaxGVW: 72,500

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/18/2019 14:54 In :
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093950**
P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	69,380	31,470
Tare	28,200 *	12,791
Net	41,180	18,679
	20.59 Ton	18.68

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	61.03	Loads:
Tons To Date:	1,776.15	3
Today Tonnes	55.37	
Tonnes To Date:	1,611.30	

Carrier :
Vehicle: 406PEC131 PARAGON
License: **84790MH**
MaxGVW: 71,250

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/18/2019 14:12 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No. 1519093939**

P.O. :

Product 074335
Crusher Run
S.O. Info.
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION RON

	Pounds	Kilo
Gross	70,260	31,869
Tare	28,700 *	13,018
Net	41,560	18,851
	20.78 Ton	18.85

* Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg: No	19-0120	

Today Tons:	20.78	Loads:
Tons To Date:	1,735.90	1
Today Tonnes	18.85	
Tonnes To Date:	1,574.78	

Carrier :
Vehicle: 406PEC630 PARAGON
License: **123**
MaxGVW: 80,000

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [1] Scale: 1

Hanson **Plant: 40612** **ORISKANY FALLS**
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/20/2019 10:50 In : .
Customer: 1300558 PARAGON ENVIRONMENTAL CONS
Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO **Tkt. No.** **1519094125**
P.O

Product 074335
Crusher Run
S.O. Info:
Ship Ref. CT FEDERAL CREOSOTE REMEDIATION ROM

	Pounds	Kilo
Gross	105,940	48,054
Tare	45,000 *	20,412
Net	60,940	27,642
	30.47 Ton	27.64

* Manual Predetermined Tare

UNIT	TOTALS
Material:	
Freight:	
Tax:	
Fee / Fuel:	
Other Chrg: No	

Today Tons:	60.66	Loads:
Tons To Date:	1,836.81	2
Today Tonnes	55.03	
Tonnes To Date:	1,666.33	

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY .NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Received:_____ Cust: _____
Weighmaster: Gilmore, Dorothy J (Oriskany
P/D Status: **Pickup**

Customer Do Not Accept [3] Scale: 1

Hanson

Plant: 40612

ORISKANY FALLS
1780 ROUTE 12B
ORISKANY FALLS, NY 13425

9/20/2019 09:28 In :

Customer: 1300558 PARAGON ENVIRONMENTAL CONS

Order : 1015732 CT FEDERAL CREOSOTE REMEDIATION RO

Tkt. No. 1519094112

P.O. :

Product 074335
Crusher Run
S.O. Info:
Ship Ref: CT FEDERAL CREOSOTE REMEDIATION ROA

	Pounds	Kilo
Gross	105,380	47,800
Tare	45,000 *	20,412
Net	60,380	27,388
	30.19 Ton	27.39

* Manual Predetermined Tare

	UNIT	TOTALS
Material:		
Freight:		
Tax:		
Fee / Fuel:		
Other Chrg:	No	

Today Tons:	30.19	Loads:
Tons To Date:	1,806.34	1
Today Tonnes	27.39	
Tonnes To Date:	1,638.68	

By acceptance of this ticket (with or without signature), driver accepts on behalf of themselves/their employer sole responsibility to ensure that the load received is within the weight limit authorized by law and shall hold seller harmless against any and all claims with respect to same
CURB DELIVERY ONLY.NOT RESPONSIBLE FOR ANY DAMAGE BEYOND CURB.

Carrier :
Vehicle: 406PEC633 PARAGON
License: **19822TC**
MaxGVW: 107,400

Received:_____

Cust: _____

Weighmaster: Gilmore, Dorothy J (Oriskany

P/D Status: **Pickup**

Customer Do Not Accept [2] Scale: 1