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Subject: Former Chromalloy (344039) - OU2 Subsurface Investigation Report
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John,

For your review, please find the attached OU-2 Subsurface Investigation Report, which summarizes the subsurface intrusive activities completed in June 2021. Feel free to give me a call if you have any comments, questions, or concerns.

Thanks,

Justin King
Project Manager



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SUBSURFACE INVESTIGATION REPORT

Former Chromalloy Facility

Operable Unit 2

169 Western Highway

West Nyack, Rockland County, New York 12233

NYSDEC SITE NO. 344039

Submitted to:



**Department of
Environmental Conservation**

Division of Environmental Remediation

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NOVEMBER 4, 2021

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Acronyms and Abbreviations

Alpha	Alpha Analytical of Westborough, Massachusetts
APWA	American Public Works Association
ASP	Analytical Services Protocol
bgs	Below Ground Surface
CAMP	Community Air Monitoring Plan
CBS	Chemical Bulk Storage
CCR	February 2018 Construction Completion Report
CGE	Clean Globe Environmental of Amagansett, New York
COCs	Contaminants of Concern
Consent Order	March 2001 Order on Consent
CUSCOs	Commercial Use Soil Cleanup Objectives
DPE	Dual Phase Extraction
DPT	Direct Push Technology
DUSRs	Data Usability Summary Reports
EDD	Electronic Data Deliverables
GPS	Global Positioning System
IDW	Investigation Derived Waste
NYCRR	New York Code of Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ROD	NYSDEC March 1999 Record of Decision
LMS	Lawler, Matusky & Skelly Engineers of Pearl River, New York
mg/kg	Milligrams per Kilogram
MS/MSDs	matrix spike/matrix spike duplicates
OU-1	Operable Unit 1
OU-2	Operable Unit 2
P&T	Pump and Treat
PCBs	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PFOS	Perfluorooctanesulfonic Acid
PID	Photo-Ionization Detector
ppm	Parts Per Million
PVC	Poly-Vinyl Chloride
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
SCGs	Standards, Criteria, and Guidance
Sequa	Sequa Corporation
SIR	Subsurface Investigation Report
SMS	Short Message Service

Acronyms and Abbreviations (cont.)

TAL	Target Analyte List
TCE	Trichloroethylene
TCL	Target Compound List
TRC	TRC Engineers, Inc.
the Site	Former Chromalloy Facility
µg/kg	Micrograms per Kilogram
UST	Underground Storage Tank
USEPA	United States Environmental Protection Agency
UUSCOs	Unrestricted Use Soil Cleanup Objectives
VOCs	Volatile Organic Compounds
Work Plan	April 23, 2021 Revised Subsurface Investigation Work Plan – OU-2

1.0 Introduction

TRC Engineers, Inc. (TRC), on behalf of Sequa Corporation (Sequa), has prepared this Subsurface Investigation Report (SIR) summarizing the completed investigative soil sampling activities within Operable Unit 2 (OU-2) at the Former Chromalloy Facility located at 169 Western Highway in West Nyack, New York (the Site). TRC's field activities referenced in this SIR were completed from June 9 to 11, 2021.

In a letter dated October 27, 2010, the New York State Department of Environmental Conservation (NYSDEC) requested the submittal of a "comprehensive remedial investigation report which complies with the DER-10 guidance document and contains all the historical data collected as part of Operable Unit II". The purpose of such a document would determine the presence/absence of constituents on the DER-10 target analyte and compound lists. TRC reviewed available historical documents pursuant to OU-2 and was unable to determine if soil sampling for such constituents (except for volatile organic compounds (VOCs) and metals) was completed. As such and in response to the February 4, 2020 NYSDEC letter and March 16, 2021 conference call with the NYSDEC, TRC proposed to complete 16 soil borings around the Former Chromalloy Facility to determine if contaminants of concern (COCs), as they apply to the DER-10 target analyte/compound lists, exist. All investigation work discussed in this SIR was completed in accordance with the NYSDEC approved April 23, 2021 Revised Subsurface Investigation Work Plan – OU-2 (Work Plan).

2.0 Site Description and History

2.1 Site Location and Setting

The Site has been assigned NYSDEC Site No. 344039 and encompasses areas/properties near and adjacent to the intersection of Western Highway and Pineview Road in West Nyack, Rockland County, New York. The physical Site address is 169 Western Highway, West Nyack, New York. The Site is bordered to the north by residential properties, to the east by woodlands followed by the Clarkstown Landfill, to the south by commercial properties, and to the west by a rail line followed by commercial properties followed and the Hackensack River. Maps showing the Site's location and layout are provided on **Figures 1 and 2**, respectively.

2.2 Site Features and Use

The main building located on the Site is currently used to store and prepare new vehicles for sale. Vehicle cleaning and detailing operations are completed on the southern portion of the building. Vehicle maintenance is performed on hydraulic lifts located in the central and western portions of the building. The main office space is in the northern portion of the building. Other than the aforementioned areas, the main building is largely an open warehouse utilized for vehicle storage. Overhead entry doors, located throughout the warehouse, are either continually open or periodically opened/closed throughout the work day to allow entry/exit of vehicles. Large parking areas, used for the storage of cleaned/detailed cars, are located north and south of the main building.

2.3 Site History / Past Use

TRC, on behalf of Sequa, continues to manage Site remedial actions under the NYSDEC *March 1999 Record of Decision (ROD)* and *March 2001 Order on Consent (Consent Order)*, for Operable Unit 1 (OU-1) to address VOCs in soil and groundwater. The NYSDEC approved OU-1 remedial actions include on-going pump and treat (P&T) system operations to address bedrock groundwater impacts located across the Site and dual phase extraction (DPE) system operations to treat localized shallow overburden soils and groundwater. The OU-1 remediation systems began operation in October 2002 and has shown to be effective in capturing and containing trichloroethylene (TCE) to the Site boundaries. The DPE system reached asymptotic conditions, was shut down upon NYSDEC approval following a February 2014 Site status meeting and decommissioned in accordance with the NYSDEC approved *September 2019 OU-1 DPE System Decommissioning Request* in May and July 2020.

Environmental actions pertaining to chromium in soil for OU-2 were conducted under the initial NYSDEC *January 1994 Consent Order*. The *April 2017 Soil Excavation Work Plan* outlined excavation of soil areas containing concentrations of chromium exceeding 6 New York Code of Rules and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (CUSCOs). Excavation activities were completed in October 2017 and the results and conclusions were submitted to the NYSDEC in the *February 2018 Construction Completion Report (CCR)*. A description of remedial alternatives to address residual

chromium impacts following excavation activities were submitted to the NYSDEC in the *January 2019 Focused Feasibility Study Report*. To advance approval of the *January 2019 Focused Feasibility Study Report* and in a February 2020 letter, the NYSDEC requested additional subsurface investigation/soil sampling activities to determine the presence/absence of chemical contaminants identified on DER-10's target analyte list (TAL) and target compound list (TCL). As a result, TRC submitted the April 2021 Work Plan, which was approved by the NYSDEC on April 26, 2021.

3.0 Subsurface Investigation Activities

The subsurface investigation field activities described in this section were completed by TRC from June 9 to 11, 2021, in accordance with the NYSDEC approved April 2021 Work Plan.

As proposed in the Work Plan, completed Site investigation field activities included the following:

- Utility locating survey;
- Community air monitoring (during subsurface intrusive activities);
- Subsurface soil sampling; and
- Surface soil sampling.

The field implementation methods for the activities listed above are described below in **Sections 3.1.1** through **3.1.4**. Where appropriate, equipment and materials compatible with NYSDEC recommendations for the collection and sampling of per- and polyfluoroalkyl substances (PFAS) were used for each sampled media (i.e., stainless steel and poly-vinyl chloride (PVC)). Following completion, TRC collected the coordinates of each subsurface and surface boring utilizing a handheld global positioning system (GPS) device.

Standard chain-of-custody procedures were followed for all collected samples. Pursuant to the April 2021 Work Plan, laboratory quality assurance/quality control (QA/QC) samples including applicable field blind duplicates and matrix spike/matrix spike duplicates (MS/MSDs), were collected at a minimum frequency of 1 per 20 samples. All collected samples were submitted to Alpha Analytical of Westborough, Massachusetts (Alpha). NYSDEC Analytical Services Protocol (ASP) Category B data deliverable packages were provided and subjected to data validation by TRC's independent data validator, Alpha Geoscience of Clifton Park, New York.

3.1 Surface and Subsurface Soil Investigation

3.1.1 *Private Utility Survey*

Prior to the commencement of ground-intrusive activities, TRC confirmed that the drilling subcontractor, Clean Globe Environmental of Amagansett, New York (CGE), contacted Dig Safely New York, received/reviewed confirmation receipts from each utility, and verified public mark-outs prior to intrusive work.

On June 9, 2021, in addition to the public utility mark-out, CGE identified all subsurface utilities / anomalies within a 10-foot radius around each proposed soil boring location. Any detected subsurface structure within the investigated radius was identified on the ground surface with paint using the American Public Works Association (APWA) utility color codes.

3.1.2 *Community Air Monitoring Plan*

In accordance with the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan (CAMP) (DER-10, Appendix 1A), air monitoring was conducted during all ground intrusive activities. The CAMP included monitoring for both fugitive dust and organic vapors. Fugitive dust and organic vapor action levels provided in the NYSDOH Generic CAMP were utilized during the implementation of the work.

Two CAMP enclosures were deployed at the work site on a daily basis; one in the upwind direction and one in the downwind direction of the drill rig. Both enclosures contained a Dust Trak II unit for dust monitoring and a MiniRae 3000 photo-ionization detector (PID) for organic vapor monitoring. Each enclosure was connected to a Netronix system which uploaded real-time data and automatically calculated running 15-minute average concentrations for both the Dust Trak and PID. The system was programmed to notify field personnel via short message service (SMS) text message or email in the instance of an exceedance in order to facilitate rapid investigation/corrective action. Additionally, one handheld PID was utilized within the work area to field screen soil samples/drill cuttings and monitor breathing air vapor concentrations.

The action levels were not exceeded (for either fugitive dust and organic vapors) during any of the ground intrusive activities.

3.1.3 *Subsurface Soil Investigation*

On June 10 and 11, 2021, CGE installed 16 soil borings (SB-1 through SB-16) to a terminal depth of 20 feet below ground surface (bgs). Each soil boring was advanced through the existing surface material (varied by location from asphalt, grassy areas, gravel fill, etc.) to their termination depth utilizing a Geoprobe® and direct push technology (DPT) techniques. Continuous soil cores were collected from each boring location utilizing either 1-inch diameter by 5-foot long PVC dualtubes or 1.5-inch diameter by 5-foot long PVC Macro-Cores®. The locations of the completed soil borings can be found on **Figure 3**. Soil boring logs can be found in **Appendix A**.

Soil cores were visually classified and screened for the visual, olfactory, and photo-ionic evidence of impacts by TRC personnel. To screen for volatile vapors, PID measurements were collected from soil headspace immediately following the opening of each dualtube or Macro-Core®. The PID was equipped with a 10.6 eV lamp and calibrated to 100 parts per million (ppm) of isobutylene.

At each soil boring location, one soil sample was collected for laboratory analysis. The selected soil sample was generally collected from the depth interval above the encountered groundwater table which exhibited the highest evidence of impacts (visual, olfactory, and/or PID). If no indication of impacts was observed, either the depth interval directly above the encountered groundwater table or bottom two-foot interval of the borehole was collected and submitted for laboratory analysis.

As a result of the 16 borings, a total of 16 soil samples were collected, transferred directly from either the dualtube or Macro-Core® into laboratory supplied bottles, preserved in a cooler with ice, and submitted to Alpha for the following analyses:

- TCL VOCs by United States Environmental Protection Agency (USEPA) Method 8260 – low level;
- TCL Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270;
- TCL Pesticides and Herbicides by USEPA Methods 8081 and 8082;
- TAL Metals plus Mercury and Cyanide by USEPA Methods 6010, 7471, and 9010; and
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082.

Additionally, 8 of the collected soil samples were analyzed for PFAS by USEPA Method 537 Modified. Soil samples selected for PFAS analysis included those that exhibiting the greatest evidence (e.g., visual, olfactory, PID) of potential contamination.

Investigation derived waste (IDW) generated during the investigation included soil from drilling activities and water from equipment decontamination. As no field evidence of gross contamination was observed in any completed soil boring, soil IDW was returned to its respective boreholes. Decontamination fluids were processed through the onsite P&T remediation system.

3.1.4 Surface Soil Investigation

On June 11, 2021, TRC collected four surface soil samples (SS-1 through SS-4) via hand excavation methods. All surface soil sample locations were co-located with subsurface soil borings and biased to locations to where surface soil was present. The surface soil and co-located soil boring locations are outlined below and can found on **Figure 3**.

Surface Soil Location	Co-Located Soil Boring
SS-1	SB-16
SS-2	SB-15
SS-3	SB-8
SS-4	SB-7

All collected surface soil samples were submitted to Alpha for the analyses listed above in Section 3.1.3. Additionally, two surface samples (SS-1 and SS-3) were submitted to Alpha for analysis of PFAS. Samples collected for TCL VOCs were collected at a depth interval of 6-inches bgs or grass cover. Samples collected for TCL SVOCs, TCL pesticides and herbicides, TAL metal plus mercury and cyanide, PCBs, and PFAS were collected at a depth interval of 0-2-inches bgs or grass cover.

4.0 Discussion of Results

The following subsections discuss the regulatory standards, criteria, and guidance (SCGs) used to evaluate all field observations and sample analytical results.

In accordance with NYSDEC DER-10, Appendix 2B, Alpha Geoscience performed a data validation of all Alpha ASP Category B laboratory deliverables. The analytical data validation results are summarized in the Data Usability Summary Report (DUSR), provided in **Appendix B**. The summary laboratory analytical report, provided by Alpha, can be found in **Appendix C**. Following this SIR submittal, the electronic data deliverables (EDDs) will be uploaded to the NYSDEC EQUIS database.

4.1 Standards, Criteria, and Guidance

The regulatory SCGs used to evaluate the soil analytical results are outlined below:

- Title 6 NYCRR Part 375, Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives (UUSCOs) and CUSCOs, December 2006
- Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs, January 2021

4.2 Subsurface Soil Results

As observed from the 16 soil borings, Site soils primarily consisted of reddish sands and silt, with varying amounts of clay, gravel, and cobble. Apparent groundwater was not detected in any completed soil boring.

At all boring locations, screened soils did not exhibit any visual, olfactory, or elevated photo-ionic evidence of impacts. PID readings in all screened soil ranged from 0.0 ppm to 2.6 ppm (SB-1 at a depth of 5 to 7.5 feet bgs).

A brief overview of the soil analytical results is provided in the subsections below. The soil sample locations showing analytes exceeding their respective SCGs, can be found on **Figure 4**. A summary of the subsurface soil sample analytical results is provided in **Table 1**.

4.2.1 Volatile Organic Compounds

For all 16 soil samples submitted for analysis, VOCs were either not detected above laboratory quantitation limits or were detected at concentrations below their respective Part 375 UUSCOs.

4.2.2 Semi-Volatile Organic Compounds

Of all 16 soil samples submitted for analysis, SVOCs were either not detected above laboratory quantitation limits or were detected at concentrations below their respective Part 375 UUSCOs.

4.2.3 *Pesticides and Herbicides*

No pesticides or herbicides were detected above laboratory quantitation limits in any soil sample submitted for analysis.

4.2.4 *Metals and Cyanide*

Of the 16 soil samples submitted for analysis, all contained 1 to 6 metal compounds at concentrations exceeding their respective Part 375 UUSCOs. Two of the 16 soil samples contained between 1 and 3 compounds exceeding their respective Part 375 CUSCOs. Of these exceeding compounds, the highest measurement was chromium at a concentration of 3,420 milligrams per kilogram (mg/kg) (SB-5 from a depth of 2.5 to 5 feet bgs), which exceeds both its respective Part 375 UUSCO of 1 mg/kg and CUSCO of 400 mg/kg.

Cyanide was not detected above laboratory quantitation limits in any soil sample submitted for analysis.

4.2.5 *Polychlorinated Biphenyls*

Of the 16 soil samples submitted for analysis, only 1 contained concentrations of PCBs exceeding both their respective Part 375 UUSCO and CUSCO. At soil boring location SB-5 at a depth of 2.5 to 5 feet bgs, total PCBs (Aroclor 1248 detected above laboratory quantitation limits) was detected at a concentration of 30.3 mg/kg, which exceeds its respective Part 375 UUSCO of 0.1 mg/kg and CUSCO of 1 mg/kg.

4.2.6 *Per- and Polyfluoroalkyl Substances*

Of the 8 soil samples submitted for analysis, PFAS compounds were either not detected above laboratory quantitation limits or were detected at concentrations below their respective January 2021 UUSCOs.

4.3 **Surface Soil Results**

As mentioned above in **Section 3.1.4**, the four surface soil sample locations were co-located with subsurface soil borings and were biased to areas where surface soil was present.

A brief overview of the surface soil analytical results is provided in the subsections below. The surface soil sample locations, including analytes exceeding the applicable SCGs, can be found on **Figure 4**. A summary of the surface soil sample analytical results is provided in **Table 2**.

4.3.1 *Volatile Organic Compounds*

For all four surface soil samples submitted for analysis, VOCs were either not detected above laboratory quantitation limits or were detected at concentrations below their respective Part 375 UUSCOs.

4.3.2 *Semi-Volatile Organic Compounds*

Of the four surface soil samples submitted for analysis, three samples contained between one to two SVOCs at or above their respective Part 375 UUSCOs. Of these exceeding compounds, the highest measurement was benzo(b)fluoranthene at a concentration of 1 mg/kg in both SS-1 and SS-4 and is equal to its respective Part 375 UUSCO (1 mg/kg). No SVOCs were detected above Part 375 CUSCOs.

4.3.3 *Pesticides and Herbicides*

Of the four surface soil samples submitted for analysis, all four contained one to two pesticide compounds at concentrations exceeding their respective Part 375 UUSCOs. Of the samples that exceeded, these two compounds included 4,4'-DDE (UUSCO of 0.0033 mg/kg), which was detected at concentrations of 0.00717 mg/kg in SS-4 and 0.0324 mg/kg in SS-3, and 4,4'-DDT (UUSCO of 0.0033 mg/kg) which ranged in concentration from 0.00389 mg/kg in SS-1 to 0.0159 mg/kg in SS-3. No pesticides were detected above Part 375 CUSCOs in any surface soil sample submitted for analysis.

No herbicides were detected above laboratory quantitation limits in any surface soil sample submitted for analysis.

4.3.4 *Metals and Cyanide*

Of the four surface soil samples submitted for analysis, all four contained one to three compounds at concentrations exceeding Part 375 UUSCOs. Of these exceeding compounds, the highest measurement was zinc at a concentration of 130 mg/kg (SS-2), which exceeds its respective Part 375 UUSCO of 109 mg/kg. Chromium exceeded its respective Part 375 UUSCO (1 mg/kg) in all four samples and ranged from 11.0 mg/kg (SS-2) to 47 mg/kg (SS-4). No metals were detected above Part 375 CUSCOs in any surface soil sample submitted for analysis.

Cyanide was not detected above laboratory quantitation limits in any surface soil sample submitted for analysis.

4.3.5 *Polychlorinated Biphenyls*

Of the four surface soil samples submitted for analysis, two contained concentrations of total PCBs exceeding Part 375 UUSCOs. In the samples collected at SS-1 and SS-4, total PCBs were detected at concentrations of 0.134 mg/kg and 0.142 mg/kg, respectively, which both exceed the its Part 375 UUSCO of 0.1 mg/kg. No PCBs were detected above Part 375 CUSCOs in any surface soil sample submitted for analysis.

4.3.6 *Per- and Polyfluoroalkyl Substances*

Of the two surface soil samples submitted for analysis, only one contained a concentration of a single PFAS compound exceeding the January 2021 UUSCOs. In the sample collected from SS-4,

perfluorooctanesulfonic acid (PFOS) was detected at a concentration of 2.91 micrograms per kilogram ($\mu\text{g/kg}$), which exceeds its respective January 2021 UUSCO of 0.88 $\mu\text{g/kg}$. PFOS was not detected above its respective January 2021 CUSCO (440 $\mu\text{g/kg}$) at this location.

4.4 Data Usability

The results of the data validation for the above referenced analytical results are summarized in the DUSR. The DUSR is provided in **Appendix C** and includes a discussion of each qualified result, the potential bias and the effects on data usability. Generally, the surface and subsurface soil analytical results were found to be valid and usable for decision making purposes. Exceptions are reflected on summary analytical data tables (**Tables 1 and 2**) and are detailed in the DUSR.

5.0 Findings and Recommendations

TRC completed the subsurface investigation from June 9 to 11, 2021 in accordance with the NYSDEC approved April 2021 Work Plan. Findings and recommendations, based on the investigation results, are presented below.

5.1 Findings Summary

Subsurface Soil

- Subsurface geology within the investigation area primarily consisted of reddish sands and silt, with varying amounts of clay, gravel, and cobble. Apparent groundwater was not detected in any completed soil boring.
- No physical evidence of impacts (visual, olfactory, or photo-ionic) was observed in any screened soil sample.
- Of the 16 soil samples submitted for analysis, no VOCs, SVOCs, pesticides, herbicides, and cyanide were detected above their respective Part 375 UUSCOs.
- Of the 8 soil samples submitted for analysis, PFAS compounds were either not detected above laboratory quantitation limits or were detected at concentrations below their respective January 2021 UUSCOs.
- In 6 soil samples (SB-5, SB-7, SB-11, SB-12, SB-13, and SB-15), 1 to 6 metal compounds were detected at concentrations exceeding their respective Part 375 UUSCOs. Of these samples, two contained concentrations of one to three metals exceeding their respective Part 375 CUSCOs.
- PCBs were detected at a concentration exceeding both Part 375 UUSCOs and CUSCOs in the sample collected from SB-5 at a depth of 2.5 to 5 feet bgs only.

Surface Soil

- Four surface soil samples were co-located with subsurface soil borings and were biased to areas where surface soil was present.
- Of the four soil samples submitted for analysis, no VOCs, herbicides, and cyanide were detected above their respective Part 375 UUSCOs.
- Three samples (SS-1, SS-3, and SS-4) contained concentrations of one to two SVOCs exceeding their respective Part 375 UUSCOs. SVOCs did not exceed Part 375 CUSCOs in any surface soil sample submitted for analysis.
- All four surface soil samples contained one to two pesticide compounds exceeding their respective Part 375 UUSCOs. Pesticides did not exceed Part 375 CUSCOs in any surface soil sample submitted for analysis.
- Two samples (SS-1 and SS-4) contained total PCB concentrations exceeding their respective Part 375 UUSCOs. PCBs did not exceed Part 375 CUSCOs in any surface soil sample submitted for analysis.

- Of the two samples submitted for analysis, only one (SS-3) contained a concentration of PFOS exceeding its respective January 2021 UUSCO. PFAS compounds did not exceed January 2021 CUSCOs in any surface soil sample submitted for analysis.

5.2 Recommendations

Subsurface Soil

Except at soil boring location SB-5, TRC believes that no further action/investigation into the presence/absence of the NYSDEC TCL/TAL compounds is warranted. Most metal compounds were detected above Part 375 UUSCOs at these remaining locations. Only copper was detected at a concentration exceeding its respective Part 375 CUSCO at SB-12 (depth of 18 to 20 feet bgs). The current Site use is commercial in nature (vehicle detailing and storage) and physical contact with soils at SB-12 at the Part 375 CUSCO exceedance depths is not anticipated.

Analytical results from SB-5 indicate that concentrations of several metals and PCBs are above Part 375 CUSCOs. Based on TRC's historical research on available Site records, it is not clear if this area was subject to a discharge or was used for the storage of PCB containing equipment.

As reported in the *December 1994 Interim Data Report*, authored by Lawler, Matusky & Skelly Engineers of Pearl River, New York (LMS) and in support of historically ongoing Remedial Investigation activities, a 1,000-gallon hexane underground storage tank (UST) was documented to be in this vicinity. At the date of report, it describes the tank as being recently abandoned by Alloy Technology, a former owner of the Site. TRC could not confirm this against the NYSDEC Chemical Bulk Storage (CBS) online database. Based on various Site visits over during the past several years, TRC understands that the current use of this area is primarily for vehicle storage.

To determine the nature and extent of metal and PCB impacts found in SB-5, TRC proposes to complete a supplemental subsurface investigation consisting of the following:

- Complete up to nine soil borings, advanced to a depth of 10 feet bgs and installed in a grid fashion around SB-5. All soil borings will be advanced via DPT and continuous soil samples will be collected with PVC Macrocore® liners.
 - One surface soil sample will be collected from each location via hand methods at a depth of 0-6-inches.
 - To delineate the horizontal and vertical extent of metal and PCB contamination, up to four subsurface samples will be collected from available recoveries from each boring. Actual sample depths will be determined in the field.
 - All collected samples will be submitted for laboratory analysis of Resource Conservation and Recovery Act (RCRA) 8 Metals and PCBs by USEPA Methods 6010 and 8082, respectively.
 - Field/laboratory QA/QC samples including duplicates and MS/MSDs will be collected at a frequency of 1 per 20 samples.

- Laboratory deliverables will be in accordance with ASP Category B protocols and subjected to an independent data validation.
- TRC will issue a Supplemental Subsurface Investigation Letter Report outlining the results and conclusions of the supplemental intrusive activities.

Surface Soil

As evidenced by the analytical results, various SVOCs, pesticides, metals, PCBs, and PFAS (PFOS only) were detected in surface soils. It should be noted that the former Chromalloy facility has not been in operation since 1982. Since that time, ownership of the property has passed through several entities, each utilizing the Site in a different industrial or commercial manner.

Since it has nearly been 40 years since Chromalloy operated the Site, TRC believes that all detections/Part 375 UUSCO exceedances in the collected surface soil samples are attributable to the development and operational use of the Site since Chromalloy's tenure. This is further evidenced by NYSDEC Spill No. 2102300, opened by a NYSDEC inspector on June 10, 2021, during TRC's subsurface investigation field activities in response to poor chemical/building material housekeeping by property tenants.

As a result, TRC requests that no further actions be required with respect to surface soils at the Site. If the NYSDEC requires any further action to address identified surface soil contamination, TRC requests that those measures be sent to the current property owner for resolution and not be made in association with the former Chromalloy facility or Sequa.

TABLES

Table 1
Summary of Subsurface Soil Sample Analytical Results
Former Chromalloy Facility (NYSDEC Site No. 344039)
June 2021 Subsurface Investigation

Sample Location:				SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16
Sample Depth (feet bgs):				5 - 7.5	12.5 - 15	2.5 - 5	2.5 - 5	2.5 - 5	18 - 20	18 - 20	18 - 20	18 - 20	18 - 20	5 - 7	18 - 20	17 - 19	18 - 20	13 - 15	6 - 8
Lab Sample ID:				L2131407-20	L2131407-19	L2131407-18	L2131407-17	L2131407-16	L2131407-10	L2131407-15	L2131407-09	L2131407-08	L2131407-07	L2131407-06	L2131407-05	L2131407-04	L2131407-03	L2131407-02	L2131407-01
Sample Date:				6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/10/2021	6/11/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021
Analyte		Unit	NYSDEC UUSCO*	NYSDEC CUSCO*	Results														
PFAS (cont.)																			
8:2 Fluorotelomer Sulfonic acid (8:2 FTS)	ng/g	NC	NC	0.545 U	0.554 U	0.510 UJ	0.540 U	0.550 U	0.526 U	0.475 U	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ng/g	NC	NC	0.545 UJ	0.554 UJ	0.355 J	0.342 J	0.328 J	0.526 U	0.228 J	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ng/g	NC	NC	0.545 U	0.554 U	0.510 UJ	0.540 U	0.550 U	0.526 U	0.475 U	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ng/g	NC	NC	0.545 U	0.554 U	0.510 U	0.540 U	0.550 U	0.526 U	0.475 U	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	ng/g	NC	NC	0.545 U	0.554 U	0.510 U	0.540 U	0.550 U	0.526 U	0.475 U	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
N-Ethyl Perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ng/g	NC	NC	0.102 J	0.554 U	0.510 U	0.540 U	0.550 U	0.526 U	0.475 U	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ng/g	NC	NC	0.545 U	0.554 U	0.510 U	0.540 U	0.550 U	0.526 U	0.475 U	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA)	ng/g	NC	NC	0.545 U	0.554 U	0.510 U	0.540 U	0.550 U	0.526 U	0.475 U	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeA)	ng/g	NC	NC	0.545 U	0.554 U	0.510 U	0.540 U	0.550 U	0.526 U	0.475 U	0.491 U	NA	NA	NA	NA	NA	NA	NA	NA
Sum of PFOA and PFOS	ng/g	NC	NC	0.273 U	0.277 U	0.255 U	0.270 U	0.275 U	0.263 U	0.237 U	0.245 U	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

ng/g - nanograms per gram (dry weight) or parts per billion (ppb).

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria.

Results are considered to be an estimated maximum concentration.

J - Estimated value.

J- - Estimated value; biased low.

J+ - Estimated value; biased high.

JN – Estimated value, presumptive evidence.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

U - Analyte was not detected at specified quantitation limit.

UJ - Estimated non-detect.

VOCs - Volatile Organic Compounds.

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

PFAS - Per- and Poly-fluoroalkyl Substances.

NYSDEC UUSCO - Title 6 NYCRR Part 375, Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives, December 2006.

NYSDEC CUSCO - Title 6 NYCRR Part 375, Table 375-6.8(a) Commercial Use Soil Cleanup Objectives, December 2006.

** - Guidelines for Sampling and Analysis of PFAS NYSDEC Part 375 Remedial Programs, January 2021.

(a) - criteria applicable to the sum of the cis and trans isomers.

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to the sum of endosulfan I, endosulfan II and endosulfan sulfate.

(c) - Criteria for Chlordane (alpha) used.

(d) - Criteria for Chromium (VI) used.

Bold - Indicates the value exceeds its respective UUSCO.

Bold and Shaded - Indicates the value exceeds its repective CUSCO

Table 2
Summary of Surface Soil Sample Analytical Results
Former Chromalloy Facility (NYSDEC Site No. 344039)
June 2021 Subsurface Investigation

Sample Location:				SS-1		SS-2	SS-3	SS-4
Sample Depth (feet bgs):				0 - 0.5	0 - 0.5 (DUP)	0 - 0.5	0 - 0.5	0 - 0.5
Lab Sample ID:				L2131407-11	L2131407-21	L2131407-12	L2131407-13	L2131407-14
Sample Date:				6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/11/2021
Analyte	Unit	NYSDEC UUSCO*	NYSDEC CUSCO*	Results				
VOCs								
Methylene chloride	mg/kg	0.05	500	0.0060 U	0.0059 U	0.0055 U	0.0062 U	0.0050 U
1,1-Dichloroethane	mg/kg	0.27	240	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
Chloroform	mg/kg	0.37	350	0.0018 U	0.0018 U	0.0017 U	0.0019 U	0.0015 U
Carbon tetrachloride	mg/kg	0.76	22	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
1,2-Dichloropropane	mg/kg	NC	NC	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
Dibromochloromethane	mg/kg	NC	NC	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
1,1,2-Trichloroethane	mg/kg	NC	NC	0.0012 UJ	0.0012 U	0.0011 U	0.0012 U	0.0010 U
Tetrachloroethene	mg/kg	1.3	150	0.00060 UJ	0.00059 U	0.00055 U	0.00062 U	0.00050 U
Chlorobenzene	mg/kg	1.1	500	0.00060 UJ	0.00059 U	0.00055 U	0.00062 U	0.00050 U
Trichlorofluoromethane	mg/kg	NC	NC	0.0048 U	0.0047 U	0.0044 UJ	0.0050 U	0.0040 U
1,2-Dichloroethane	mg/kg	0.02	30	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
1,1,1-Trichloroethane	mg/kg	0.68	500	0.00060 U	0.00059 U	0.00055 U	0.00062 U	0.00050 U
Bromodichloromethane	mg/kg	NC	NC	0.00060 U	0.00059 U	0.00055 U	0.00062 U	0.00050 U
trans-1,3-Dichloropropene	mg/kg	NC	NC	0.0012 UJ	0.0012 U	0.0011 U	0.0012 U	0.0010 U
cis-1,3-Dichloropropene	mg/kg	NC	NC	0.00060 UJ	0.00059 U	0.00055 U	0.00062 U	0.00050 U
Bromoform	mg/kg	NC	NC	0.0048 UJ	0.0047 U	0.0044 UJ	0.0050 U	0.0040 U
1,1,2,2-Tetrachloroethane	mg/kg	NC	NC	0.00060 UJ	0.00059 U	0.00055 UJ	0.00062 U	0.00050 U
Benzene	mg/kg	0.06	44	0.00060 U	0.00059 U	0.00055 U	0.00062 U	0.00050 U
Toluene	mg/kg	0.7	500	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
Ethylbenzene	mg/kg	1	390	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
Chloromethane	mg/kg	NC	NC	0.0048 U	0.0047 U	0.0044 U	0.0050 U	0.0040 U
Bromomethane	mg/kg	NC	NC	0.0024 UJ	0.0024 U	0.0022 UJ	0.0025 UJ	0.0020 UJ
Vinyl chloride	mg/kg	0.02	13	0.0012 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	0.0010 UJ
Chloroethane	mg/kg	NC	NC	0.0024 UJ	0.0024 U	0.0022 UJ	0.0025 UJ	0.0020 UJ
1,1-Dichloroethene	mg/kg	0.33	500	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
trans-1,2-Dichloroethene	mg/kg	0.19	500	0.0018 U	0.0018 U	0.0017 U	0.0019 U	0.0015 U
Trichloroethene	mg/kg	0.47	200	0.00060 U	0.00059 U	0.00055 U	0.00062 U	0.00050 U
1,2-Dichlorobenzene	mg/kg	1.1	500	0.0024 UJ	0.0024 U	0.0022 UJ	0.0025 U	0.0020 U
1,3-Dichlorobenzene	mg/kg	2.4	280	0.0024 UJ	0.0024 U	0.0022 UJ	0.0025 U	0.0020 U
1,4-Dichlorobenzene	mg/kg	1.8	130	0.0024 UJ	0.0024 U	0.0022 UJ	0.0025 U	0.0020 U
Methyl tert butyl ether	mg/kg	0.93	500	0.0024 U	0.0024 U	0.0022 U	0.0025 U	0.0020 U
p/m-Xylene	mg/kg	0.26(a)	500(a)	0.0024 UJ	0.0024 U	0.0022 U	0.0025 U	0.0020 U
o-Xylene	mg/kg	0.26(a)	500(a)	0.0012 UJ	0.0012 U	0.0011 U	0.0012 U	0.0010 U

Table 2
Summary of Surface Soil Sample Analytical Results
Former Chromalloy Facility (NYSDEC Site No. 344039)
June 2021 Subsurface Investigation

Sample Location:				SS-1		SS-2	SS-3	SS-4
Sample Depth (feet bgs):				0 - 0.5	0 - 0.5 (DUP)	0 - 0.5	0 - 0.5	0 - 0.5
Lab Sample ID:				L2131407-11	L2131407-21	L2131407-12	L2131407-13	L2131407-14
Sample Date:				6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/11/2021
Analyte	Unit	NYSDEC UUSCO*	NYSDEC CUSCO*	Results				
VOCs (cont.)								
cis-1,2-Dichloroethene	mg/kg	0.25	500	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0010 U
Styrene	mg/kg	NC	NC	0.0012 UJ	0.0012 U	0.0011 U	0.0012 U	0.0010 U
Dichlorodifluoromethane	mg/kg	NC	NC	0.012 U	0.012 U	0.011 U	0.012 U	0.01 U
Acetone	mg/kg	0.05	500	0.0065 J+	0.017	0.011 U	0.012 U	0.01 U
Carbon disulfide	mg/kg	NC	NC	0.012 U	0.012 U	0.011 U	0.012 U	0.01 U
2-Butanone	mg/kg	0.12	500	0.0081 J+	0.012 U	0.011 U	0.012 U	0.01 U
4-Methyl-2-pentanone	mg/kg	NC	NC	0.012 U	0.012 U	0.011 U	0.012 U	0.01 U
2-Hexanone	mg/kg	NC	NC	0.012 UJ	0.012 U	0.011 U	0.012 U	0.01 U
Bromochloromethane	mg/kg	NC	NC	0.0024 U	0.0024 U	0.0022 U	0.0025 U	0.0020 U
1,2-Dibromoethane	mg/kg	NC	NC	0.0012 UJ	0.0012 U	0.0011 U	0.0012 U	0.0010 U
1,2-Dibromo-3-chloropropane	mg/kg	NC	NC	0.0036 UJ	0.0035 U	0.0033 UJ	0.0037 U	0.0030 U
Isopropylbenzene	mg/kg	NC	NC	0.0012 UJ	0.0012 U	0.0011 UJ	0.0012 U	0.0010 U
1,2,3-Trichlorobenzene	mg/kg	NC	NC	0.0024 UJ	0.0024 U	0.0022 UJ	0.0025 U	0.0020 U
1,2,4-Trichlorobenzene	mg/kg	NC	NC	0.0024 UJ	0.0024 U	0.0022 UJ	0.0025 U	0.0020 U
Methyl Acetate	mg/kg	NC	NC	0.0048 U	0.0047 U	0.0044 U	0.0050 U	0.0040 U
Cyclohexane	mg/kg	NC	NC	0.012 U	0.012 U	0.011 U	0.012 U	0.01 U
1,4-Dioxane	mg/kg	0.1	130	0.096 U	0.094 U	0.088 U	0.1 U	0.08 U
Freon-113	mg/kg	NC	NC	0.0048 U	0.0047 U	0.0044 U	0.0050 U	0.0040 U
Methyl cyclohexane	mg/kg	NC	NC	0.0048 UJ	0.0047 U	0.0044 U	0.0050 U	0.0040 U
SVOCs								
Acenaphthene	mg/kg	20	500	0.052 J	0.037 J	0.15 U	0.03 J	0.035 J
Hexachlorobenzene	mg/kg	0.33	6	0.13 U	0.12 U	0.11 U	0.12 U	0.11 U
Bis(2-chloroethyl)ether	mg/kg	NC	NC	0.19 U	0.18 U	0.17 U	0.18 U	0.17 U
2-Chloronaphthalene	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
3,3'-Dichlorobenzidine	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2,4-Dinitrotoluene	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2,6-Dinitrotoluene	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Fluoranthene	mg/kg	100	500	1.2	1.1	1	1.7	1.2
4-Chlorophenyl phenyl ether	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
4-Bromophenyl phenyl ether	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Bis(2-chloroisopropyl)ether	mg/kg	NC	NC	0.26 U	0.24 U	0.22 U	0.23 U	0.22 U
Bis(2-chloroethoxy)methane	mg/kg	NC	NC	0.23 U	0.22 U	0.2 U	0.21 U	0.2 U
Hexachlorobutadiene	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U

Table 2
Summary of Surface Soil Sample Analytical Results
Former Chromalloy Facility (NYSDEC Site No. 344039)
June 2021 Subsurface Investigation

Sample Location:				SS-1		SS-2	SS-3	SS-4
Sample Depth (feet bgs):				0 - 0.5	0 - 0.5 (DUP)	0 - 0.5	0 - 0.5	0 - 0.5
Lab Sample ID:				L2131407-11	L2131407-21	L2131407-12	L2131407-13	L2131407-14
Sample Date:				6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/11/2021
Analyte	Unit	NYSDEC UUSCO*	NYSDEC CUSCO*	Results				
SVOCs (cont.)								
Hexachlorocyclopentadiene	mg/kg	NC	NC	R	0.59 U	0.53 U	0.56 U	0.54 U
Hexachloroethane	mg/kg	NC	NC	0.17 U	0.16 U	0.15 U	0.16 U	0.15 U
Isophorone	mg/kg	NC	NC	0.19 U	0.18 U	0.17 U	0.18 U	0.17 U
Naphthalene	mg/kg	12	500	0.027 J	0.2 U	0.18 U	0.2 U	0.03 J
Nitrobenzene	mg/kg	NC	NC	0.19 U	0.18 U	0.17 U	0.18 U	0.17 U
NitrosoDiPhenylAmine(NDPA)/DPA	mg/kg	NC	NC	0.17 U	0.16 U	0.15 U	0.16 U	0.15 U
n-Nitrosodi-n-propylamine	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Bis(2-Ethylhexyl)phthalate	mg/kg	NC	NC	0.079 J	0.09 J	0.24	0.13 J	0.19 U
Butyl benzyl phthalate	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.076 J	0.33
Di-n-butylphthalate	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Di-n-octylphthalate	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Diethyl phthalate	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Dimethyl phthalate	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Benzo(a)anthracene	mg/kg	1	5.6	0.67	0.62	0.6	0.68	0.66
Benzo(a)pyrene	mg/kg	1	1	0.7	0.65	0.67	0.7	0.67
Benzo(b)fluoranthene	mg/kg	1	5.6	1	0.95	0.98	0.94	1
Benzo(k)fluoranthene	mg/kg	0.8	56	0.3	0.27	0.34	0.35	0.27
Chrysene	mg/kg	1	56	0.68	0.63	0.66	0.73	0.66
Acenaphthylene	mg/kg	100	500	0.035 J	0.16 U	0.15 U	0.064 J	0.065 J
Anthracene	mg/kg	100	500	0.15	0.11 J	0.083 J	0.13	0.14
Benzo(ghi)perylene	mg/kg	100	500	0.44	0.47	0.41	0.48	0.47
Fluorene	mg/kg	30	500	0.041 J	0.032 J	0.18 U	0.077 J	0.05 J
Phenanthrene	mg/kg	100	500	0.57	0.46	0.33	0.84	0.58
Dibenzo(a,h)anthracene	mg/kg	0.33	0.56	0.11 J	0.1 J	0.089 J	0.1 J	0.1 J
Indeno(1,2,3-cd)Pyrene	mg/kg	0.5	5.6	0.47	0.49	0.46	0.53	0.5
Pyrene	mg/kg	100	500	0.96	0.91	0.84	1.3	1
Biphenyl	mg/kg	NC	NC	0.49 U	0.47 U	0.42 U	0.44 U	0.43 U
4-Chloroaniline	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2-Nitroaniline	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
3-Nitroaniline	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
4-Nitroaniline	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Dibenzofuran	mg/kg	7	350	0.023 J	0.019 J	0.18 U	0.027 J	0.025 J
1,2,4,5-Tetrachlorobenzene	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U

Table 2
Summary of Surface Soil Sample Analytical Results
Former Chromalloy Facility (NYSDEC Site No. 344039)
June 2021 Subsurface Investigation

Sample Location:				SS-1		SS-2	SS-3	SS-4
Sample Depth (feet bgs):				0 - 0.5	0 - 0.5 (DUP)	0 - 0.5	0 - 0.5	0 - 0.5
Lab Sample ID:				L2131407-11	L2131407-21	L2131407-12	L2131407-13	L2131407-14
Sample Date:				6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/11/2021
Analyte	Unit	NYSDEC UUSCO*	NYSDEC CUSCO*	Results				
SVOCs (cont.)								
2-Methylnaphthalene	mg/kg	NC	NC	0.26 U	0.24 U	0.22 U	0.23 U	0.22 U
Acetophenone	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2,4,6-Trichlorophenol	mg/kg	NC	NC	0.13 U	0.12 U	0.11 U	0.12 U	0.11 U
P-Chloro-M-Cresol	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2-Chlorophenol	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2,4-Dichlorophenol	mg/kg	NC	NC	0.19 U	0.18 U	0.17 U	0.18 U	0.17 U
2,4-Dimethylphenol	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2-Nitrophenol	mg/kg	NC	NC	0.46 U	0.44 U	0.4 U	0.42 U	0.4 U
4-Nitrophenol	mg/kg	NC	NC	0.3 U	0.29 U	0.26 U	0.27 U	0.26 U
2,4-Dinitrophenol	mg/kg	NC	NC	R	0.98 U	0.89 U	0.94 U	0.9 U
4,6-Dinitro-o-cresol	mg/kg	NC	NC	R	0.53 U	0.48 U	0.51 U	0.49 U
Pentachlorophenol	mg/kg	0.8	6.7	0.17 U	0.16 U	0.15 U	0.16 U	0.15 U
Phenol	mg/kg	0.33	500	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2-Methylphenol	mg/kg	0.33	500	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
3-Methylphenol/4-Methylphenol	mg/kg	NC	NC	0.31 U	0.3 U	0.27 U	0.28 U	0.27 U
2,4,5-Trichlorophenol	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Carbazole	mg/kg	NC	NC	0.1 J	0.07 J	0.049 J	0.091 J	0.082 J
Atrazine	mg/kg	NC	NC	0.17 U	0.16 U	0.15 U	0.16 U	0.15 U
Benzaldehyde	mg/kg	NC	NC	0.28 U	0.27 U	0.24 U	0.26 U	0.14 J
Caprolactam	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
2,3,4,6-Tetrachlorophenol	mg/kg	NC	NC	0.21 U	0.2 U	0.18 U	0.2 U	0.19 U
Pesticides								
Delta-BHC	mg/kg	0.04	500	0.00196 U	0.00194 U	0.00170 U	0.00186 U	0.00177 U
Lindane	mg/kg	0.1	9.2	0.000814 U	0.000807 U	0.000710 U	0.000774 U	0.000737 U
Alpha-BHC	mg/kg	0.02	3.4	0.000814 U	0.000807 U	0.000710 U	0.000774 U	0.000737 U
Beta-BHC	mg/kg	0.036	3	0.00196 U	0.00194 U	0.00170 U	0.00186 U	0.00177 U
Heptachlor	mg/kg	0.042	15	0.000978 U	0.000969 U	0.000852 U	0.000929 U	0.000884 U
Aldrin	mg/kg	0.005	0.68	0.00196 U	0.00194 U	0.00170 U	0.00186 U	0.00177 U
Heptachlor epoxide	mg/kg	NC	NC	0.00366 U	0.00363 U	0.00320 U	0.00348 U	0.00332 U
Endrin	mg/kg	0.014	89	0.000814 U	0.000807 U	0.000710 U	0.000774 U	0.000737 U
Endrin aldehyde	mg/kg	NC	NC	0.00244 U	0.00242 U	0.00213 U	0.00232 U	0.00221 U
Endrin ketone	mg/kg	NC	NC	0.00196 U	0.00194 U	0.00170 U	0.00186 U	0.00177 U
Dieldrin	mg/kg	0.005	1.4	0.00122 U	0.00121 U	0.00106 U	0.00270	0.00110 U

Table 2
Summary of Surface Soil Sample Analytical Results
Former Chromalloy Facility (NYSDEC Site No. 344039)
June 2021 Subsurface Investigation

Sample Location:				SS-1		SS-2	SS-3	SS-4
Sample Depth (feet bgs):				0 - 0.5	0 - 0.5 (DUP)	0 - 0.5	0 - 0.5	0 - 0.5
Lab Sample ID:				L2131407-11	L2131407-21	L2131407-12	L2131407-13	L2131407-14
Sample Date:				6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/11/2021
Analyte	Unit	NYSDEC UUSCO*	NYSDEC CUSCO*	Results				
Pesticides (cont.)								
4,4'-DDE	mg/kg	0.0033	62	0.00250 J+	0.00231 J+	0.00220	0.0324	0.00717 J+
4,4'-DDD	mg/kg	0.0033	92	0.00196 U	0.00194 U	0.00170 U	0.00298	0.00177 U
4,4'-DDT	mg/kg	0.0033	47	0.00389 JN	0.00446 J+	0.00735	0.0159	0.00332 U
Endosulfan I	mg/kg	2.4(b)	200(b)	0.00196 U	0.00194 U	0.00170 U	0.00186 U	0.00177 U
Endosulfan II	mg/kg	2.4(b)	200(b)	0.00196 U	0.00194 U	0.00170 U	0.00186 U	0.00177 U
Endosulfan sulfate	mg/kg	2.4(b)	200(b)	0.000814 U	0.000807 U	0.000710 U	0.000774 U	0.000737 U
Methoxychlor	mg/kg	NC	NC	0.00366 U	0.00363 U	0.00320 U	0.00348 U	0.00332 U
Toxaphene	mg/kg	NC	NC	0.0366 U	0.0363 U	0.0320 U	0.0348 U	0.0332 U
cis-Chlordane	mg/kg	0.094	24	0.00285 J-	0.00271 J-	0.00209 J-	0.000916 JN	0.00248 J-
trans-Chlordane	mg/kg	0.094(c)	24(c)	0.00357	0.00346	0.00282 J+	0.00111 J	0.00424 J+
Chlordane	mg/kg	0.094(c)	24(c)	0.0351	0.0323	0.0253	0.0155 U	0.0147 U
Herbicides								
2,4-D	mg/kg	NC	NC	0.213 U	0.203 U	0.185 U	0.195 U	0.189 U
2,4,5-T	mg/kg	NC	NC	0.213 U	0.203 U	0.185 U	0.195 U	0.189 U
2,4,5-TP (Silvex)	mg/kg	3.8	500	0.213 U	0.203 U	0.185 U	0.195 U	0.189 U
Metals, total								
Aluminum	mg/kg	NC	NC	7,730 J	3,940 J	8,010	8,800	7,220
Antimony	mg/kg	NC	NC	4.92 UJ	4.74 UJ	4.23 UJ	0.386 J-	0.649 J-
Arsenic	mg/kg	13	16	3.61 J	1.64 J	5.25	3.91	3.61
Barium	mg/kg	350	400	89.1 J	52.9 J	110	70.4	70.2
Beryllium	mg/kg	7.2	590	0.256 J	0.189 J	0.211 J	0.404 J	0.370 J
Cadmium	mg/kg	2.5	9.3	0.522 J	0.180 J	0.440 J	0.551 J	0.640 J
Calcium	mg/kg	NC	NC	34,900 J	18,600 J	36,000	1,790	2,770
Chromium	mg/kg	1(d)	400(d)	12.8 J	7.39 J	11.0	16.7	47.0
Cobalt	mg/kg	NC	NC	4.69 J	2.78 J	5.55	6.76	8.22
Copper	mg/kg	50	270	31.0 J+	12.2 J+	22.3 J+	22.9 J+	53.1 J+
Iron	mg/kg	NC	NC	12,300 J	6,050 J	11,000 J	13,100 J	14,400 J
Lead	mg/kg	63	1,000	44.0 J-	16.9 J-	52.1 J-	25.6 J-	24.1 J-
Magnesium	mg/kg	NC	NC	6,400 J	2,270 J	6,220 J	2,260 J	2,860 J
Manganese	mg/kg	1,600	10,000	256 J	129 J	173	354	328
Mercury	mg/kg	0.18	2.8	0.081 U	0.079 U	0.072 U	0.053 J+	0.074 U
Nickel	mg/kg	30	310	11.9 J	6.13 J	13.2	12.6	15.1
Potassium	mg/kg	NC	NC	737 J+	491 J+	827 J+	502 J+	592 J+

Table 2
Summary of Surface Soil Sample Analytical Results
Former Chromalloy Facility (NYSDEC Site No. 344039)
June 2021 Subsurface Investigation

Sample Location:				SS-1		SS-2	SS-3	SS-4
Sample Depth (feet bgs):				0 - 0.5	0 - 0.5 (DUP)	0 - 0.5	0 - 0.5	0 - 0.5
Lab Sample ID:				L2131407-11	L2131407-21	L2131407-12	L2131407-13	L2131407-14
Sample Date:				6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/11/2021
Analyte	Unit	NYSDEC UUSCO*	NYSDEC CUSCO*	Results				
Metals, total (cont.)								
Selenium	mg/kg	3.9	1,500	1.97 U	1.89 U	1.69 U	1.84 U	1.80 U
Silver	mg/kg	2	1,500	0.984 U	0.947 U	0.846 U	0.919 U	0.902 U
Sodium	mg/kg	NC	NC	761 J	276 J	659	109 J	1,320
Thallium	mg/kg	NC	NC	1.97 U	1.89 U	1.69 U	1.84 U	1.80 U
Vanadium	mg/kg	NC	NC	25.7 J	12.5 J	31.7	23.8	30.8
Zinc	mg/kg	109	10,000	111 J-	39.6 J-	130 J-	65.4 J-	107 J-
General Chemistry								
Cyanide	mg/kg	27	27	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ
PCBs								
Aroclor-1016	mg/kg	NC	NC	0.0408 U	0.0392 U	0.0360 U	0.0386 U	0.0376 U
Aroclor-1221	mg/kg	NC	NC	0.0408 U	0.0392 U	0.0360 U	0.0386 U	0.0376 U
Aroclor-1232	mg/kg	NC	NC	0.0408 U	0.0392 U	0.0360 U	0.0386 U	0.0376 U
Aroclor-1242	mg/kg	NC	NC	0.0408 U	0.0392 U	0.0360 U	0.0386 U	0.0376 U
Aroclor-1248	mg/kg	NC	NC	0.0408 U	0.0392 U	0.0360 U	0.0386 U	0.0376 U
Aroclor-1254	mg/kg	NC	NC	0.106 J	0.626 J	0.0360 U	0.0297 J	0.102
Aroclor-1260	mg/kg	NC	NC	0.0358 J	0.0392 U	0.0360 U	0.0386 U	0.0324 J
Aroclor-1262	mg/kg	NC	NC	0.0408 U	0.0392 U	0.0360 U	0.0386 U	0.0376 U
Aroclor-1268	mg/kg	NC	NC	0.0408 U	0.0392 U	0.0360 U	0.0386 U	0.0376 U
Total PCBs	mg/kg	0.1	1	0.1418 J	0.626	0.0360 U	0.0297 J	0.1344 J
PFAS								
Perfluorobutanoic acid (PFBA)	ng/g	NC	NC	0.602 U	0.568 U	NA	0.144 J	NA
Perfluoropentanoic acid (PFPeA)	ng/g	NC	NC	0.602 U	0.568 U	NA	0.232 J	NA
Perfluorobutanesulfonic acid (PFBS)	ng/g	NC	NC	0.301 U	0.284 U	NA	0.269 U	NA
Perfluorohexanoic acid (PFHxA)	ng/g	NC	NC	0.075 J	0.066 J	NA	0.227 J	NA
Perfluoroheptanoic acid (PFHpA)	ng/g	NC	NC	0.301 U	0.284 U	NA	0.087 J	NA
Perfluorohexanesulfonic acid (PFHxS)	ng/g	NC	NC	0.301 U	0.284 U	NA	0.176 J	NA
Perfluorooctanoic acid (PFOA)	ng/g	0.66**	500**	0.077 J	0.284 U	NA	0.251 J	NA
6:2 Fluorotelomer Sulfonic acid (6:2 FTS)	ng/g	NC	NC	0.602 U	0.568 U	NA	0.539 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ng/g	NC	NC	0.602 U	0.568 U	NA	0.539 U	NA
Perfluorononanoic Acid (PFNA)	ng/g	NC	NC	0.301 U	0.284 U	NA	0.124 J	NA
Perfluorooctanesulfonic acid (PFOS)	ng/g	0.88**	440**	0.404	0.284 U	NA	2.91	NA
Perfluorodecanoic acid (PFDA)	ng/g	NC	NC	0.175 J	0.284 U	NA	0.288	NA

Table 2
Summary of Surface Soil Sample Analytical Results
Former Chromalloy Facility (NYSDEC Site No. 344039)
June 2021 Subsurface Investigation

Sample Location:				SS-1		SS-2	SS-3	SS-4
Sample Depth (feet bgs):				0 - 0.5	0 - 0.5 (DUP)	0 - 0.5	0 - 0.5	0 - 0.5
Lab Sample ID:				L2131407-11	L2131407-21	L2131407-12	L2131407-13	L2131407-14
Sample Date:				6/11/2021	6/11/2021	6/11/2021	6/11/2021	6/11/2021
Analyte	Unit	NYSDEC UUSCO*	NYSDEC CUSCO*	Results				
PFAS (cont.)								
8:2 Fluorotelomer Sulfonic acid (8:2 FTS)	ng/g	NC	NC	0.602 U	0.568 U	NA	0.539 U	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ng/g	NC	NC	0.602 UJ	0.568 UJ	NA	0.503 J	NA
Perfluoroundecanoic acid (PFUnA)	ng/g	NC	NC	0.127 J	0.060 J	NA	0.293 J	NA
Perfluorodecanesulfonic acid (PFDS)	ng/g	NC	NC	0.602 U	0.568 U	NA	2.72	NA
Perfluorooctane Sulfonamide (FOSA)	ng/g	NC	NC	0.602 U	0.568 U	NA	0.539 U	NA
N-Ethyl Perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ng/g	NC	NC	0.197 J	0.107 JF	NA	0.616	NA
Perfluorododecanoic acid (PFDoA)	ng/g	NC	NC	0.123 J	0.081 JF	NA	0.250 J	NA
Perfluorotridecanoic acid (PFTriA)	ng/g	NC	NC	0.602 U	0.568 U	NA	0.539 U	NA
Perfluorotetradecanoic acid (PFTeA)	ng/g	NC	NC	0.078 J	0.568 U	NA	0.109 J	NA
Sum of PFOA and PFOS	ng/g	NC	NC	0.481 J	0.284 U	NA	3.16 J	NA

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

ng/g - nanograms per gram (dry weight) or parts per billion (ppb).

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria.

Results are considered to be an estimated maximum concentration.

J - Estimated value.

J- - Estimated value; biased low.

J+ - Estimated value; biased high.

JN - Estimated value, presumptive evidence.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

U - Analyte was not detected at specified quantitation limit.

UJ - Estimated non-detect.

VOCs - Volatile Organic Compounds.

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

PFAS - Per- and Poly-fluoroalkyl Substances.

NYSDEC UUSCO - Title 6 NYCRR Part 375, Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives, December 2006.

NYSDEC CUSCO - Title 6 NYCRR Part 375, Table 375-6.8(a) Commercial Use Soil Cleanup Objectives, December 2006.

** - Guidelines for Sampling and Analysis of PFAS NYSDEC Part 375 Remedial Programs, January 2021.

(a) - criteria applicable to the sum of the cis and trans isomers.

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to the sum of endosulfan I, endosulfan II and endosulfan sulfate.

(c) - Criteria for Chlordane (alpha) used.

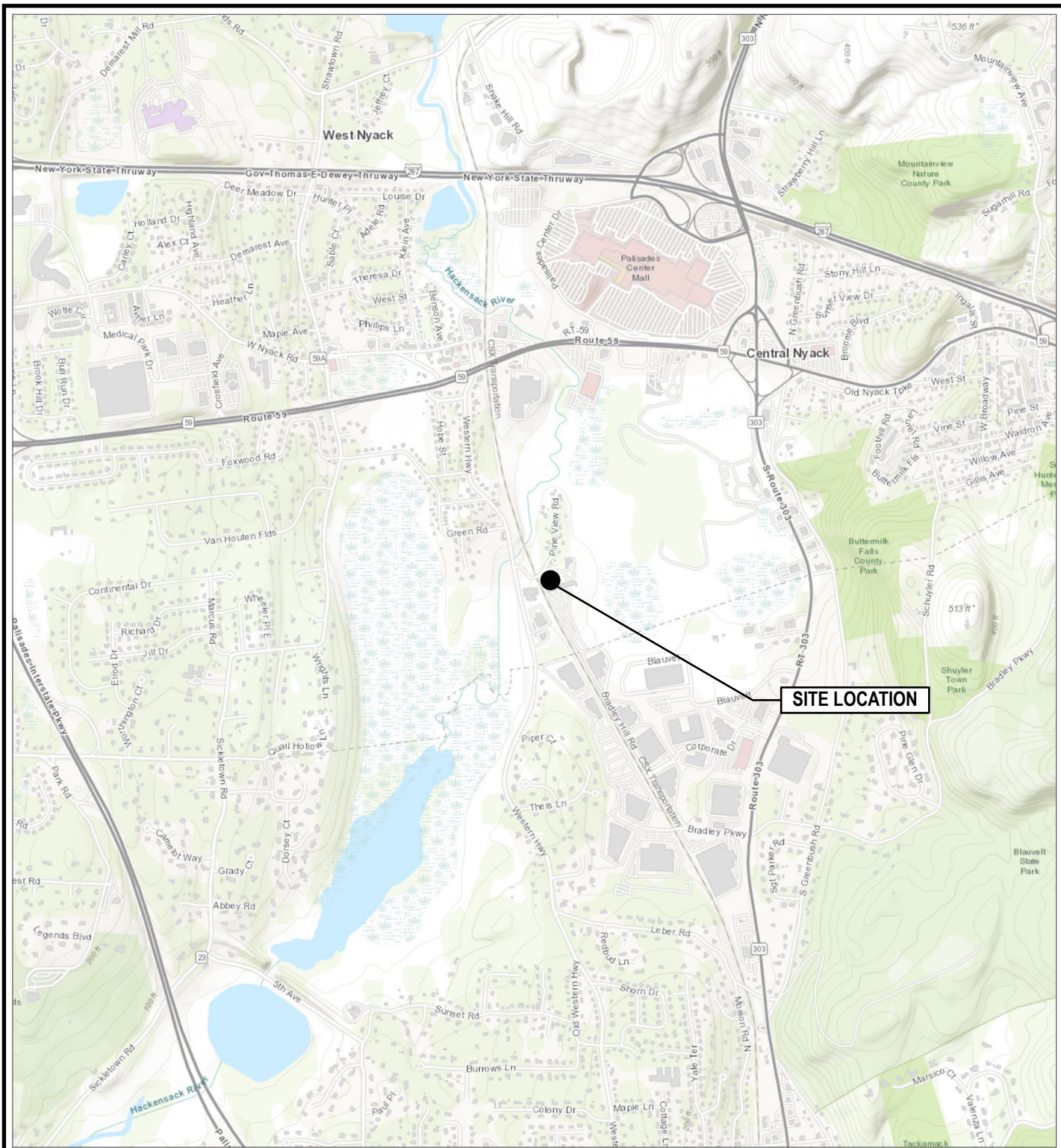
(d) - Criteria for Chromium (VI) used.

Bold - Indicates the value exceeds its respective UUSCO.

Bold and Shaded - Indicates the value exceeds its respective CUSCO

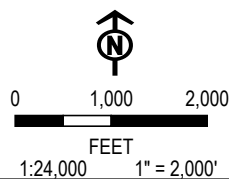
FIGURES

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW YORK EAST FIPS 3101 FEET; MAP ROTATION: 0
— SAVED BY: LILL ON 6/21/2021 13:30:44 PM; FILE PATH: T:\1-PROJECTS\SEQUA\2-APR\X\SITE\LOCATION.APRX; LAYOUT NAME: FIGURE 1 - CHROMALLOY SITE LOCATION MAP



LEGEND

● SITE LOCATION



PROJECT: **SEQUA CORPORATION
FORMER CHROMALLOY FACILITY
WEST NYACK, ROCKLAND COUNTY, NEW YORK
NYSDEC SITE NO. 344039**

TITLE: **SITE LOCATION MAP**

DRAWN BY: L. LILL PROJ. NO.: 190273.2021.0000

CHECKED BY: J. KING

APPROVED BY: J. LAROCK

DATE: NOVEMBER 2021

FIGURE 1



10 Maxwell Drive
Clifton Park, NY 12065
Phone: 518-348-1190

BASE MAP: USGS TOPOGRAPHIC IMAGERY
DATA SOURCES: TRC

FILE: SITELOCATION

Coordinate System: NAD 1983 StatePlane New York East FIPS 3101 Feet, Map Rotation: -90
-- Saved By: LULL on 9/24/2021, 16:04:05 PM, File Path: T:\PROJECTS\Sequa\2-APRX.aprx, Layout Name: Figure 2 - Chromalloy Site Layout Map



LEGEND

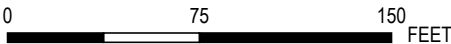
- MONITORING WELL LOCATION
- FORMER PRODUCTION WELL
- RECOVERY WELL
- PUMP AND TREAT SYSTEM OUTFALL
- SUB-SLAB VAPOR POINT
- DECOMMISSIONED DUAL PHASE EXTRACTION WELL OR MONITORING POINT
- PUMP AND TREAT SYSTEM
- FORMER CHROMALLOY FACILITY PROPERTY
- CHROMIUM EXCAVATION EXTENTS - OCTOBER 2017

NOTES:

- FORMER CHROMALLOY FACILITY PROPERTY BOUNDARY IS APPROXIMATE.
- MONITORING WELL LOCATIONS WERE SURVEYED BY A NEW YORK STATE LICENSED SURVEYOR IN JUNE 2011.
- ALL DEPICTED WELL LOCATIONS, SUB-SLAB VAPOR POINT LOCATIONS, AND EXCAVATION EXTENTS ARE APPROXIMATE.
- IMAGERY PROVIDED THROUGH GOOGLE EARTH, 2020.
- PROPERTY BOUNDARY PROVIDED FROM DIGITAL MAP PRODUCTS.
- DATA SOURCES: TRC.



1:900
1" = 75'



PROJECT: SEQUA CORPORATION FORMER CHROMALLOY FACILITY WEST NYACK, ROCKLAND COUNTY, NEW YORK NYSDEC SITE NO. 344039	
TITLE: SITE LAYOUT MAP	
DRAWN BY: L. LILL	PROJ. NO.: 190273.2021.0000
CHECKED BY: J. KING	FIGURE 2
APPROVED BY: J. LAROCK	
DATE: NOVEMBER 2021	
 10 Maxwell Drive Clifton Park, NY 12065 Phone: 518-348-1190	
FILE:	2-APRX.aprx

Coordinate System: NAD 1983 StatePlane New York East FIPS 3101 Feet, Map Rotation: -90
-- Saved By: LILL on 9/23/2021, 15:17:06 PM, File Path: T:\PROJECTS\Sequa\2-APRX.aprx, Layout Name: Figure 3 - Chromalloy OU-2 Subsurface Investigation Sample Location Map



LEGEND

- MONITORING WELL LOCATION
- FORMER PRODUCTION WELL
- RECOVERY WELL
- SOIL BORING LOCATION
- SURFACE SOIL SAMPLE
- PUMP AND TREAT SYSTEM OUTFALL
- SUB-SLAB VAPOR POINT
- DECOMMISSIONED DUAL PHASE EXTRACTION WELL OR MONITORING POINT
- CHROMIUM EXCAVATION EXTENTS - OCTOBER 2017
- FORMER CHROMALLOY FACILITY PROPERTY
- PUMP AND TREAT SYSTEM

NOTES:

- FORMER CHROMALLOY FACILITY PROPERTY BOUNDARY IS APPROXIMATE.
- MONITORING WELL LOCATIONS WERE SURVEYED BY A NEW YORK STATE LICENSED SURVEYOR IN JUNE 2011.
- ALL DEPICTED WELL LOCATIONS, SUB-SLAB VAPOR POINT LOCATIONS, AND EXCAVATION EXTENTS ARE APPROXIMATE.
- IMAGERY PROVIDED THROUGH GOOGLE EARTH, 2020.
- PROPERTY BOUNDARY PROVIDED FROM DIGITAL MAP PRODUCTS.
- DATA SOURCES: TRC.



1:900
1" = 75'

0 75 150 FEET

PROJECT: SEQUA CORPORATION
FORMER CHROMALLOY FACILITY
WEST NYACK, ROCKLAND COU, NEW YORK
NYSDEC SITE NO. 344039

TITLE: OU-2 SUBSURFACE INVESTIGATION
SAMPLE LOCATION MAP

DRAWN BY: L. LILL PROJ. NO.: 190273.2021.0000

CHECKED BY: J. KING

APPROVED BY: J. LAROCK

DATE: NOVEMBER 2021

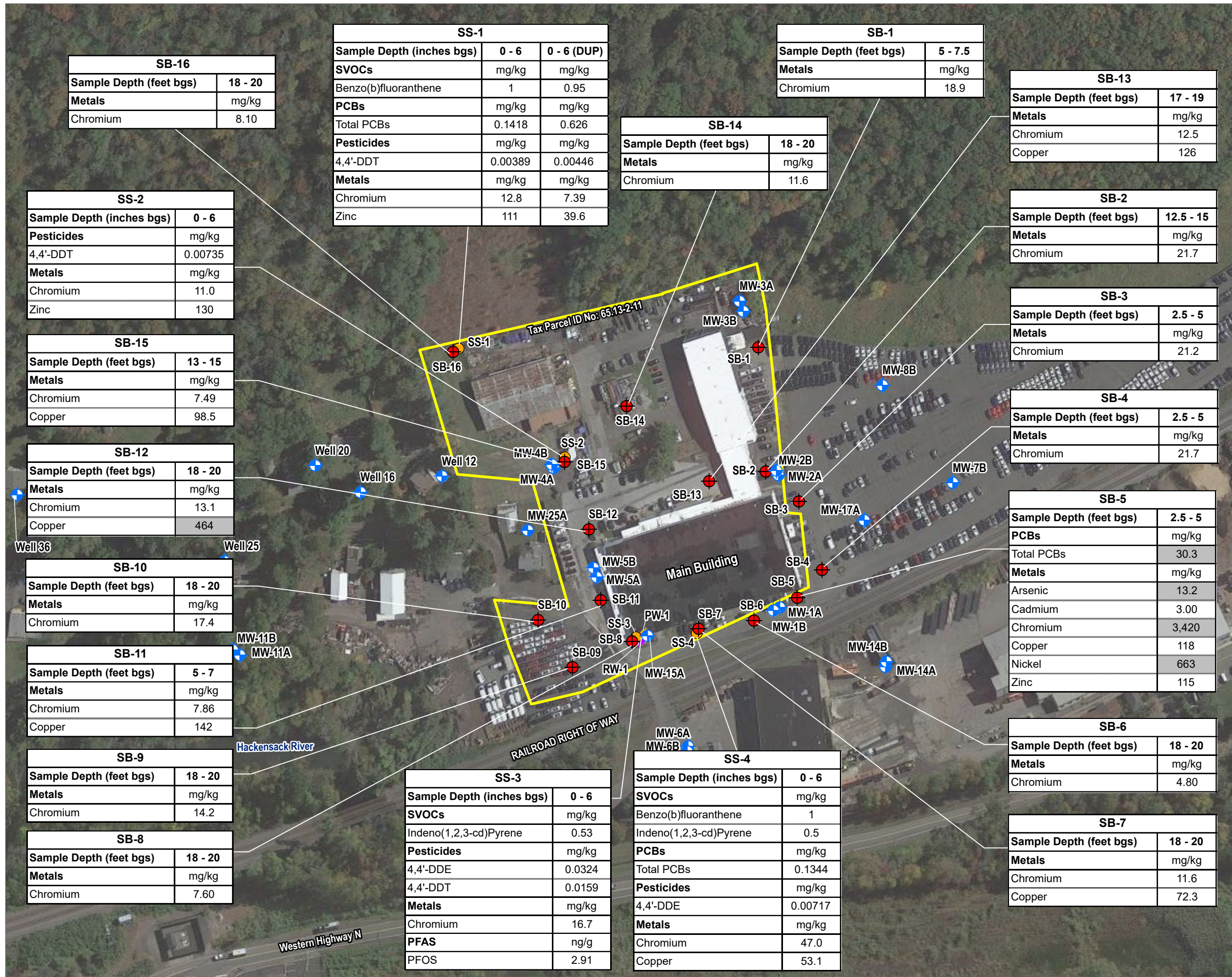
FIGURE 3



10 Maxwell Drive
Clifton Park, NY 12065
Phone: 518-348-1190

FILE: 2-APRX.aprx

Coordinate System: NAD 1983 StatePlane New York East FIPS 3101 Feet, Map Rotation: -90
-- Saved By: LILL on 9/27/2021, 15:08:23 PM, File Path: T:\PROJECTS\Sequa\2-APR\soilsamplerresults.aprx, Layout Name: Figure 4 - Chromalloy Select Soil Sample Results Map



LEGEND

FORMER CHROMALOY FACILITY PROPERTY

SOIL BORING LOCATION

SURFACE SOIL SAMPLE

MONITORING WELL LOCATION

FORMER PRODUCTION WELL

RECOVERY WELL

SOIL		
Analyte	UUSCO	CUSCO
SVOCs	mg/kg	mg/kg
Benzo(b)fluoranthene	1	5.6
Indeno(1,2,3-cd)Pyrene	0.5	5.6
PCBs	mg/kg	mg/kg
Total PCBs	0.1	1
Pesticides	mg/kg	mg/kg
4,4'-DDE	0.0033	62
4,4'-DDT	0.0033	47
Metals	mg/kg	mg/kg
Chromium	1(d)	400(d)
Copper	50	270
Zinc	109	10,000
PFAS	ng/g	ng/g
Perfluorooctanesulfonic acid (PFOS)	0.88**	440**

NOTES:

1. ALL SOIL SAMPLES WERE COLLECTED FROM JUNE 10 TO 11, 2021.

2. ALL SOIL SAMPLES WERE SUBMITTED FOR ANALYSIS OF VOCs, SVOCs, PCBs, PESTICIDES, HERBICIDES, METALS, AND CYANIDE.

3. SELECT SOIL SAMPLES WERE SUBMITTED FOR ANALYSIS OF PFAS.

FOR FIGURE CLARITY:

1. CONSTITUENTS AND INDIVIDUAL COMPOUNDS NOT SHOWN WERE EITHER NOT DETECTED OR DID NOT EXCEED THEIR RESPECTIVE UUSCO.

2. LABORATORY ANALYTICAL DATA QUALIFIERS HAVE BEEN OMITTED, REFER TO THE SUMMARY DATA TABLES FOR ANALYTICAL DETAILS REGARDING QUALIFIERS.

3. CONCENTRATIONS THAT ARE SHADED EXCEED CUSCOS.

ACRONYMS:

CUSCO - NYSDEC PART 375 COMMERCIAL USE SOIL CLEANUP OBJECTIVES, DECEMBER 2006

FEET BGS - FEET BELOW GROUND SURFACE

MG/KG - MILLIGRAM PER KILOGRAM

NG/G - NANOGRAM PER GRAM

PCBS - POLYCHLORINATED BIPHENYLS

PFAS - PER- AND POLYFLUOROALKYL SUBSTANCES

SVOCs - SEMI-VOLATILE ORGANIC COMPOUNDS

UUSCO - NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES, DECEMBER 2006

* - GUIDELINES FOR SAMPLING AND ANALYSIS OF PFAS NYSDEC PART 375 REMEDIAL PROGRAMS, JANUARY 2021

1:1,800

BASEMAP: GOOGLE EARTH IMAGERY, 2020

1" = 150'

DATA SOURCES: TRC

0125250

FEET

PROJECT:SEQUA CORPORATION
FORMER CHROMALOY FACILITY
WEST NYACK, ROCKLAND COUNTY, NEW YORK
NYSDEC SITE NO. 344039

TITLE:
SELECT SOIL SAMPLE RESULTS MAP

DRAWN BY:L. LILL

PROJ. NO.:190273.2021.0000

CHECKED BY:J. KING

APPROVED BY:J. LAROCK

DATE:NOVEMBER 2021

FIGURE 4

TRC

10 Maxwell Drive
Clifton Park, NY 12065
Phone: 518-348-1190

FILE:soilsamplerresults.aprx

APPENDIX A

SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-01
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
			1 of: 1
Boring Location:	SB-01	Refusal Depth:	NA
Weather:	Cloudy, 60F	Total Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Method:	DPT
Driller:	Mario	Protection Level:	D
Rig Type/Model:	Geoprobe 7822DT	Sampler:	Dual Tube
Reference Elevation:		Sampler ID/OD:	1"
		Logged By:	L. Lill
		Checked By:	J. King
		Latitude:	41.08503715
		Water Level:	Time: 10:20
		Longitude:	-73.95976684

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	30/60	1.2					0-0.5' - Crushed stone (FILL)	NA	
								0.5-1' - Brown medium grained SAND, trace cobble	SP	
4			2.3					1-5' - Red SILT, trace gravel	ML	
6	2	32/60						5-10' - SAA, moist at 6.5'	ML	Sample collected at 5-7.5' for laboratory analysis
			2.6							
8			2.1							
10	3	42/60						10-15' - Red fine grained SAND, trace gravel, mottling throughout	SP	
			1.1							
14			1.3							
16	4	34/60						15-20' - Red SILT, trace gravel, mottling throughout	ML	
			1.2							
18			1.0							
20								End of Boring		

NOTES: Collected soil sample at SB-01 (5 - 7.5') at 10:40 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, PCBs, and PFAS

10 Maxwell Drive, Suite 200
Clifton Park, NY 12065

SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-02
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
			1 of: 1
Boring Location:	SB-02	Refusal Depth:	NA
Weather:	Cloudy, 60F	Total Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Method:	DPT
Driller:	Mario	Protection Level:	D
Rig Type/Model:	Geoprobe 7822DT	Sampler:	Dual Tube
Reference Elevation:		Sampler ID/OD:	1"
		Logged By:	L. Lill
		Checked By:	J. King
		Latitude:	41.08500915
		Water Level:	Time: 10:00
		Longitude:	-73.96046037

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	32/60	1.3					0-0.5' - FILL	NA	
4			1.2					1-5' - Red medium grained SAND, trace gravel, trace cobble	SP	
6	2	24/60	1.3					5-7' - SAA	SP	
8			1.2					7-8' - Red medium grained SAND, some cobble, trace gravel	ML	
10			1.2					8-10' - Brown SILT, some cobble, trace gravel		
12	3	30/60	1.2					10-10.5' - SAA	ML	
14			1.4					10.5-15' - Red SILT, some cobble, trace gravel		
16	4	40/60	1.2					15-20' - SAA	ML	Sample collected at 12.5-15' for laboratory analysis
18			0.8							
20			0.8							
								End of Boring		

NOTES: Collected soil sample at SB-02 (12.5 - 15') at 10:15 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, PCBs, and PFAS

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SOIL BORING LOG



		Project Name: Former Chromalloy	Boring ID: SB-03
		Project Location: West Nyack, NY	Page No. 1
		Project No.: 190273.2021 Client: Sequa Corporation	1 of: 1
Boring Location: SB-03		Refusal Depth: NA	Total Depth: 20 feet bgs
Weather: Cloudy, 60F		Terminal Depth: 20 feet bgs	Method: DPT
Subcontractor: Clean Globe Environmental		Protection Level: D	Sampler: Dual Tube
Driller: Mario		Date Started: 6/11/2021	Date Completed: 6/11/2021
Rig Type/Model: Geoprobe 7822DT		Logged By: L. Lill	Checked By: J. King
Reference Elevation:		Water Level:	Time: 9:40
			Longitude: -73.96062835

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	20/60	1.7					0-0.5' - Asphalt	NA	
4			1.8					0.5-5' - Red-brown SILT, some sand, trace gravel	ML	
6	2	36/60	1.1					5-5.5' - SAA	ML	
8			1.1					5.5-10' - Red/brown SILT, some gravel, trace cobble		
10			1.1							
12	3	36/60	1.2					10-11' - SAA	ML	
14			0.9					11-15' - Red SILT, some gravel, trace cobble		
16	4	40/60	0.9					15-20' - Red SILT, some gravel, some cobble, moist	GM	
18			0.8							
20			0.8							
								End of Boring		

NOTES: Collected soil sample at SB-03 (2.5 - 5') at 9:55 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, PCBs, and PFAS

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SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-04
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
			1 of: 1
Boring Location:	SB-04	Refusal Depth:	NA
Weather:	Cloudy, 60F	Total Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Method:	DPT
Driller:	Mario	Protection Level:	D
Rig Type/Model:	Geoprobe 7822DT	Sampler:	Dual Tube
Reference Elevation:		Sampler ID/OD:	1"
		Latitude:	41.08477366
		Longitude:	-73.96101197
		Time:	9:10

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	36/60	1.1					0-0.5' - Asphalt	NA	Sample collected at 2.5-5' for laboratory analysis
								0.5-1.5' - Red medium grained SAND, trace cobble	SP	
4			1.3					1.5-5' - Brown-red SILT, some gravel, moist at 3.5'	ML	
6	2	46/60						3-8' - SAA	ML	
8			0.9							
10			0.8					8-10' - Red medium grained SAND	SP	
12	3	30/60	0.9					10-12' - SAA	SP	
14			1.1					12-15' - Red SILT, trace gravel, trace cobble	ML	
16								15-15.5' - SAA	ML	
18	4	45/60	1.0							
20			0.4					15.5-20' - Red coarse grained SAND	SP	
								End of Boring		

NOTES: Collected soil sample at SB-04 (2.5 - 5') at 9:30 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, PCBs, and PFAS

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SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-05
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
Boring Location:	SB-05	Refusal Depth:	NA
Weather:	Cloudy, 60F	Total Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Terminal Depth:	20 feet bgs
Driller:	Mario	Method:	DPT
Rig Type/Model:	Geoprobe 7822DT	Protection Level:	D
Reference Elevation:		Sampler:	Dual Tube
		Date Started:	6/11/2021
		Date Completed:	6/11/2021
		Logged By:	L. Lill
		Checked By:	J. King
		Latitude:	41.08487932
		Water Level:	Time: 8:40
		Longitude:	-73.96116684

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks		
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)									
2	1	38/60	0.3					0-0.5' - Asphalt	NA	Sample collected at 2.5-5' for laboratory analysis		
4			1.6					0.5-3' - Brown-red SILT, with medium grained sand, trace gravel	SM			
6								3-3.5' - Orange medium grained SAND	SP			
8			3.5-5' - Red SILT					ML				
10	2	54/60	1.1					5-10' - SAA	ML			
12			0.7								10-15' - Red SILT, some gravel, trace cobble	ML
14												
16	3	46/60	0.4					15-15.5' - SAA	ML			
18			0.3						15.5-20' - Red fine grained SAND, some gravel		SW	
20												
								End of Boring				

NOTES: Collected soil sample at SB-05 (2.5 - 5') at 9:00 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, PCBs, and PFAS

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SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-06
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
			1 of: 1
Boring Location:	SB-06	Refusal Depth:	NA
Weather:	Cloudy, 73F	Total Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Method:	DPT
Driller:	Mario	Protection Level:	D
Rig Type/Model:	Geoprobe 7822DT	Sampler:	Dual Tube
Reference Elevation:		Sampler ID/OD:	1"
		Latitude:	41.08506323
		Longitude:	-73.96129322
		Time:	15:30

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	32/60	0.0					0-1' - Asphalt	NA	
								1-2' - Brown SILT, some gravel	ML	
4			0.0					2-5' - Red medium grained SAND, trace gravel	SP	
6	2	44/60	0.0					5-7.5' - SAA	SP	
8			0.0					7.5-10 - Red SILT	ML	
10										
12	3	40/60	0.0					10-11' - SAA	ML	
14			0.0					11-15' - Red medium grained SAND, moist	SP	
16										
18	4	46/60	0.0					15-20' - SAA	SP	
20			0.0							
								End of Boring		

NOTES: Collected soil sample at SB-06 (18-20') at 15:45 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, PCBs, and PFAS

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SOIL BORING LOG



		Project Name: Former Chromalloy		Boring ID: SB-07	
		Project Location: West Nyack, NY		Page No. 1	
		Project No.: 190273.2021	Client: Sequa Corporation	1 of: 1	
Boring Location: SB-07		Refusal Depth: NA		Total Depth: 20 feet bgs	
Weather: Cloudy, 60F		Terminal Depth: 20 feet bgs		Bore Hole ID/OD: 2" / 3"	
Subcontractor: Clean Globe Environmental		Protection Level: D		Sampler: Dual Tube	
Driller: Mario		Date Started: 6/11/2021	Date Completed: 6/11/2021	Sampler ID/OD: 1"	
Rig Type/Model: Geoprobe 7822DT		Logged By: L. Lill	Checked By: J. King	Latitude: 41.08529768	
Reference Elevation:		Water Level:	Time: 8:20	Longitude: -73.96133759	

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	40/60	0.0					0-2.5' - Brown SILT, some cobble, trace gravel	ML	
4			0.4					2.5-5' - Brown medium grained SAND, trace gravel	SP	
6	2	40/60	0.0					5-8' - Red SILT, some gravel	ML	
8			0.0					8-10' - Pink coarse grained SAND, trace gravel	SP	
10										
12	3	54/60	0.0					10-11' - SAA	SP	
14			0.0					11-15' - Red silty CLAY, trace gravel	CL	
16	4	60/60	0.0					15-20' - SAA	CL	
18										
20			0.0							
								End of Boring		

NOTES: Collected soil sample at SB-07 (18 - 20') at 8:30 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, PCBs, and PFAS

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SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-08
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
Boring Location:	SB-08	Refusal Depth:	NA
Weather:	Cloudy, 73F	Total Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Method:	DPT
Driller:	Mario	Protection Level:	D
Rig Type/Model:	Geoprobe 7822DT	Sampler:	Dual Tube
Reference Elevation:		Sampler ID/OD:	1"
		Latitude:	41.0855791
		Longitude:	-73.96140451
		Time:	15:05

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	32/60	0.0					0-1' - Brown SILT, some gravel, trace cobble	ML	
4			0.0					1-5' - Red medium grained SAND, trace gravel	SP	
6	2	42/60	0.0					5-10' - Red SILT, some sand, trace gravel	SM	
8			0.0							
10			0.0							
12	3	30/60	0.0					10-11' - SAA	SM	
14			0.0					11-15' - Red/pink SAND, trace gravel	SW	
16	4	40/60	0.0					10-20' - Red SILT	ML	
18			0.0							
20			0.0							
								End of Boring		

NOTES: Collected soil sample at SB-08 (18-20') at 15:25 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, PCBs, and PFAS

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SOIL BORING LOG



		Project Name: Former Chromalloy		Boring ID: SB-09	
		Project Location: West Nyack, NY		Page No. 1	
		Project No.: 190273.2021	Client: Sequa Corporation	1 of: 1	
Boring Location: SB-09		Refusal Depth: NA		Total Depth: 20 feet bgs	
Weather: Cloudy, 73F		Terminal Depth: 20 feet bgs		Bore Hole ID/OD: 2" / 3"	
Subcontractor: Clean Globe Environmental		Protection Level: D		Casing Size: 3"	
Driller: Mario		Date Started: 6/10/2021		Date Completed: 6/10/2021	
Rig Type/Model: Geoprobe 7822DT		Logged By: L. Lill		Checked By: J. King	
Reference Elevation:		Water Level:		Time: 14:45	
Longitude: -73.96154903					

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	36/60	0.0					0-0.5' - FILL	NA	
4			0.0					0.5-4' - Brown fine grained SAND, trace gravel, trace cobble	SP	
6			0.0					4-5' - Brown SILT, trace cobble	ML	
8	2	38/60	0.0					5-9' - Light brown medium grained SAND, trace gravel	SP	
10			0.0					9-10' - Red fine grained SAND, some gravel	SW	
12			0.0					10-12' - Brown red medium grained SAND, some gravel, moist at 12'	SW	
14	3	34/60	0.0					12-15' - Red silty CLAY	CL	
16			0.0					15-20' - Red SILT with cobble, trace gravel	GM	
18			0.0							
20	4	60/60								
								End of Boring		

NOTES: Collected soil sample at SB-09 (18-20') at 15:00 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, and PCBs

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SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-10
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
			1 of: 1
Boring Location:	SB-10	Refusal Depth:	NA
Weather:	Cloudy, 73F	Total Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Method:	DPT
Driller:	Mario	Protection Level:	D
Rig Type/Model:	Geoprobe 7822DT	Sampler:	Dual Tube
Reference Elevation:		Sampler ID/OD:	1"
		Logged By:	L. Lill
		Checked By:	J. King
		Latitude:	41.08597643
		Water Level:	Time: 14:15
		Longitude:	-73.96128214

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	43/60	0.0					0-0.5' - FILL	NA	
4			0.0					0.5-3' - Brown fine grained SAND, trace gravel	SP	
6								3-5' - Brown fine grained SAND, trace cobble, trace gravel	SW	
8	2	48/60	0.0					5-7' - SAA	SW	
10			0.0					7-10' - Red silty CLAY, trace gravel	CL	
12								3	60/60	
14	0.0	14-15' - Red SILT, some cobble	ML							
16		4	60/60	0.0						
18	0.0									
20										
								End of Boring		

NOTES: Collected soil sample at SB-10 (18-20') at 14:30 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, and PCBs

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SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-11
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
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Boring Location:	SB-11	Refusal Depth:	NA
Weather:	Cloudy, 73F	Total Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Method:	DPT
Driller:	Mario	Protection Level:	D
Rig Type/Model:	Geoprobe 7822DT	Sampler:	Dual Tube
Reference Elevation:		Sampler ID/OD:	1"
		Latitude:	41.08571107
		Longitude:	-73.96117562
		Time:	13:20

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	30/60	0.0					0-0.5' - Asphalt	NA	
			0.5-1' - FILL							
4			1-5' - Red SILT, some gravel					ML		
6	2	43/60	0.0					5-10' - Red medium grained SAND, some gravel, mosit at 8'	SW	Sample collected at 5-7.5' for laboratory analysis
8			0.0							
10										
12	3	42/60	0.0					10-14.5' - SAA	SW	
14			0.0							
16	4	60/60	0.0					15-20' - SAA	ML	
18			0.0							
20										
								End of Boring		

NOTES: Collected soil sample at SB-11 (5 - 7.5') at 14:05 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, and PCBs

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SOIL BORING LOG



		Project Name: Former Chromalloy	Boring ID: SB-12
		Project Location: West Nyack, NY	Page No. 1
		Project No.: 190273.2021 Client: Sequa Corporation	1 of: 1
Boring Location: SB-12		Refusal Depth: NA	Total Depth: 20 feet bgs
Weather: Cloudy, 73F		Terminal Depth: 20 feet bgs	Method: DPT
Subcontractor: Clean Globe Environmental		Protection Level: D	Sampler: Dual Tube
Driller: Mario		Date Started: 6/10/2021	Date Completed: 6/10/2021
Rig Type/Model: Geoprobe 7822DT		Logged By: L. Lill	Checked By: J. King
Reference Elevation:		Water Level:	Time: 13:20
			Latitude: 41.08575906
			Longitude: -73.96077722

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	27/60	0.0					0-1' - Asphalt/FILL	NA	
4			0.0					1-3' - Brown SILT, trace sand, trace cobble	ML	
6			0.0					3-5' - Red SILT, trace cobble		
8	2	35/60	0.0					5-9' - Red medium grained SAND, trace gravel	SP	
10			0.0					9-10' - Red SILT, trace cobble	ML	
12			0.0					10-12' - SAA	ML	
14	3	35/60	0.0					12-13.5' - Brown/red fine grained SAND	SP	
16			0.0					13.5-15' - Red silty CLAY, trace cobble	CL	
18			0.0							
20	4	20/60	0.0					15-20' - Red silty CLAY, trace cobble, brownish-green mottling	CL	
			0.0							
								End of Boring		

NOTES: Collected soil sample at SB-12 (18 - 20') at 13:45 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, and PCBs

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				Project Name: Former Chromalloy				Boring ID: SB-13		
				Project Location: West Nyack, NY				Page No. 1		
				Project No.: 190273.2021		Client: Sequa Corporation		1 of: 1		
Boring Location: SB-13				Refusal Depth: NA		Total Depth: 20 feet bgs		Bore Hole ID/OD: 2" / 3"		
Weather: Cloudy, 73F				Terminal Depth: 20 feet bgs		Method: DPT		Casing Size: 3"		
Subcontractor: Clean Globe Environmental				Protection Level: D				Sampler: Macrocore-PVC		
Driller: Mario				Date Started: 6/10/2021		Date Completed: 6/10/2021		Sampler ID/OD: 2"		
Rig Type/Model: Geoprobe 7822DT				Logged By: L. Lill		Checked By: J. King		Latitude: 41.08524867		
Reference Elevation:				Water Level:		Time: 11:40		Longitude: -73.96051409		
Sample Information				Monitoring				USCS Group Symbol	Remarks	
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	24/60	0.0				0-0.5' - Asphalt underlain by FILL	NA	Sample collected at 17-19' for laboratory analysis	
4			0.0				0.5-5' - Brown SILT, some cobble	GM		
6	2	36/60	0.0				5-6.5' - SAA	GM		
8			0.0				6.5-10' - Red SILT, trace gravel, trace cobble	ML		
10			0.0							
12	3	60/60	0.0				10-12' - SAA	ML		
14			0.0				12-15' - Brown SILT, some cobble, trace gravel	GM		
16	4	60/60	0.0				15-15.5' - SAA	GM		
18			0.0				15.5-20' - Pink-red medium to coarse grained SAND, some gravel, moist at 16'	SW		
20			0.0							
							End of Boring			
NOTES: Collected soil sample at SB-13 (17 - 19') at 12:30 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, and PCBs										
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SOIL BORING LOG



Project Name:	Former Chromalloy	Boring ID:	SB-14
Project Location:	West Nyack, NY	Page No.	1
Project No.:	190273.2021	Client:	Sequa Corporation
			1 of: 1
Boring Location:	SB-14	Refusal Depth:	Total Depth: 20 feet bgs
Weather:	Cloudy, 73F	Terminal Depth:	20 feet bgs
Subcontractor:	Clean Globe Environmental	Method:	DPT
Driller:	Mario	Protection Level:	D
Rig Type/Model:	Geoprobe 7822DT	Sampler:	Macrocore-PVC
Reference Elevation:		Sampler ID/OD:	2"
		Latitude:	41.0855962
		Longitude:	-73.96008917
		Time:	10:45

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)							
2	1	49/60	0.0					0-0.5' - Gravel (FILL)	NA	Refusal at 12' - offset location 10'
4			0.0					0.5-1.5' - Red medium grained SAND, with cobble	SW	
6	2	42/60	0.0					1.5-5' - Brown SILT, trace gravel, trace cobble	ML	
8			0.0					5-10' - SAA	ML	
10			0.0							
12	3	60/60	0.0					10-12' - SAA. Crushed stone at 12'	ML	
14			0.0					12-13' - Red SAND, some gravel, sandstone, wet	SW	
16			0.0					13-15' - Red SILT, trace cobble	ML	
18	4	60/60	0.0					15-20' - SAA, moist at 20'	ML	
20			0.0							
								End of Boring		

NOTES: Collected soil sample at SB-14 (18 - 20') at 11:30 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, and PCBs

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SOIL BORING LOG



				Project Name: Former Chromalloy				Boring ID: SB-15							
				Project Location: West Nyack, NY				Page No. 1							
				Project No.: 190273.2021		Client: Sequa Corporation		1 of: 1							
Boring Location: SB-15				Refusal Depth: NA				Total Depth: 20 feet bgs				Bore Hole ID/OD: 2" / 3"			
Weather: Cloudy, 73F				Terminal Depth: 20 feet bgs				Method: DPT				Casing Size: 3"			
Subcontractor: Clean Globe Environmental								Protection Level: D				Sampler: Macrocore-PVC			
Driller: Mario				Date Started: 6/10/2021				Date Completed: 6/10/2021				Sampler ID/OD: 2"			
Rig Type/Model: Geoprobe 7822DT				Logged By: L. Lill				Checked By: J. King				Latitude: 41.08585987			
Reference Elevation:				Water Level:				Time: 10:00				Longitude: -73.96039998			
Sample Information				Monitoring				Sample Description and Classification				USCS Group Symbol		Remarks	
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)												
2	1	46/60	0.0					0-0.4' - Organic topsoil with gravel				PT			
								0.4-3' - Brown SILT, some cobble, trace gravel				GM			
4			0.0					3-5' - Brown SILT, trace gravel				ML			
6	2	60/60	0.0					5-5.5' - SAA				ML			
								5.5-7.5' - Red SILT, some gravel				GM			
8								7.5-8' - Red medium grained SAND, with cobble				GP			
								8-10' - Red silty CLAY				CL			
10															
12	3	46/60	0.0					10-13' - SAA				CL			
								13-13.5' - Brown medium grained SAND with gravel, trace cobble				GP			
14			0.0					13.5-15' - Red silty CLAY				CL			
16	4	60/60	0.0					15-20' - Red silty CLAY, some cobble, wet at 20'				CL			
18															
20			0.0												
								End of Boring							

NOTES: Collected soil sample at SB-15 (13 - 15') at 10:40 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, and PCBs

10 Maxwell Drive, Suite 200
Clifton Park, NY 12065

SOIL BORING LOG



		Project Name: Former Chromalloy		Boring ID: SB-16	
		Project Location: West Nyack, NY		Page No. 1	
		Project No.: 190273.2021	Client: Sequa Corporation	1 of: 1	
Boring Location: SB-16		Refusal Depth: NA		Total Depth: 20 feet bgs	
Weather: Cloudy, 73F		Terminal Depth: 20 feet bgs		Bore Hole ID/OD: 2" / 3"	
Subcontractor: Clean Globe Environmental		Protection Level: D		Sampler: Macrocore-PVC	
Driller: Mario		Date Started: 6/10/2021	Date Completed: 6/10/2021	Sampler ID/OD: 2"	
Rig Type/Model: Geoprobe 7822DT		Logged By: L. Lill	Checked By: J. King	Latitude: 41.08632912	
Reference Elevation:		Water Level:	Time: 8:40	Longitude: -73.9597803	

Sample Information				Monitoring				Sample Description and Classification	USCS Group Symbol	Remarks	
Depth (feet bgs)	Sample Number	Penetration/ Recovery (inches)	PID Reading (ppm)								
2	1	36/60	0.0					0-0.4' - Organic topsoil	PT	Sample collected at 6-8' for laboratory analysis	
								0.4-3.5' - Red fine grained SAND, with cobbles, some gravel	GW		
4								0.0	3.5-5' - Red silty CLAY		CL
6	2	60/60	0.0					5-10' - Red medium grained sand, some gravel, trace cobble, 7.5'	SP		
8											0.0
10											
12	3	60/60	0.0					10-12' - Red medium grained sand, with gravel	GP		
14								0.0	12-15' - Red SILT, some cobble		ML
16	4	60/60	0.0					15-20' - Red SILT, some gravel, trace cobble	GM		
18											0.0
20											
								End of Boring			

NOTES: Collected soil sample at SB-16 (6 - 8') at 9:10 for TCL VOCs, TCL SVOCs, TCL Pesticides, TCL Herbicides, TAL Metals plus Mercury and Cyanide, and PCBs

10 Maxwell Drive, Suite 200
Clifton Park, NY 12065

APPENDIX B



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report
for Alpha Analytical Labs
SDG Number: L2131407**

**20 Soil Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Prepared by: Donald Anné
August 31, 2021

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile, semi-volatile, PCB, pesticide, herbicide, TAL metal, and total cyanide analyses for 20 soil samples and 1 field duplicate and the results of PFAS analyses for 10 soil samples and 1 field duplicate.

The overall performances of the analyses are acceptable. Alpha Analytical Labs did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The “not detected” volatile results for bromomethane, vinyl chloride, chloroethane, and trichlorofluoromethane were qualified as estimated (UJ) in the following samples because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

SB-16 (6-8')	SB-15 (13-15')	SB-14 (18-20')	SB-13 (17-19')
SB-12 (18-20')	SB-11 (5-7')	SB-10 (18-20')	SB-06 (18-20')
SS-2			

- The “not detected” volatile results for bromomethane, vinyl chloride, and chloroethane were qualified as estimated (UJ) in the following samples and re-analysis of sample SB-03 (2.5-5) because 2 of 2 percent recoveries for these compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

SB-04 (2.5-5')	SB-07 (18-20')	SB-09 (18-20')	SB-08 (18-20')
SS-4	SS-3		

- The “not detected” volatile results for 24 compounds (excluding bromomethane) were qualified as estimated (UJ) in sample SS-1 because 2 of 2 percent recoveries (%Rs) for 23 compounds and 1 of 2 %Rs for methylcyclohexane were below QC limits, but not below 10% in the soil MS/MSD.
- The “not detected” volatile results for 50 compounds were qualified as estimated (UJ) in sample SB-05 (2.5-5’) because the areas of the internal standards used to quantitate these compounds were below control limits, but not below 25% in the sample.
- The “not detected” volatile results for 50 compounds were qualified as estimated (UJ) in sample SB-03 (2.5-5’) because the areas of the internal standards used to quantitate these compounds were below control limits, but not below 25% in the sample.
- The “not detected” volatile results for 51 compounds were qualified as estimated (UJ) for the re-analysis of sample SB-05 (2.5-5’) because the areas of the internal standards used to quantitate these compounds were below control limits, but not below 25% in the sample.
- The positive volatile results for trichloroethene and acetone were qualified as estimated, biased high (J+) in sample SB-05 (2.5-5’) because the areas of the internal standards used to quantitate these compounds were below control limits, but not below 25% in the sample.
- The positive volatile results for acetone and 2-butanone were qualified as estimated, biased high (J+) in sample SB-03 (2.5-5’) because the area of the internal standard used to quantitate these compounds was below control limits, but not below 25% in the sample.
- The positive volatile result for acetone were qualified as estimated, biased high (J+) for the re-analysis of sample SB-05 (2.5-5’) because the area of the internal standard used to quantitate acetone was below control limits, but not below 25% in the sample.
- The “not detected” volatile results for 9 compounds (excluding bromomethane, vinyl chloride, chloroethane, and trichlorofluoromethane) were qualified as estimated (UJ) in sample SS-2’ because the area of the internal standard used to quantitate these compounds was below control limits, but not below 25% in the sample.
- The positive volatile results for acetone and 2-butanone were qualified as estimated, biased high (J+) in sample SS-1 and re-analysis of sample SB-03 (2.5-5’) because 1 of 4 surrogate recoveries was above control limits in the samples.

- The positive semi-volatile result for bis(2-ethylhexyl)phthalate was qualified as estimated (J) in sample SS-1 because the %D for bis(2-ethylhexyl)phthalate was above the allowable maximum in the associated continuing calibration.
- The “not detected” semi-volatile results for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were qualified as rejected, unusable (R) in sample SS-1 because 2 of 2 percent recoveries for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were below QC limits and below 10% in the soil MS/MSD.
- The “not detected” PFAS results for NMeFOSAA were qualified as “estimated” (UJ) in samples SS-1, SB-02 (12.5-15’), SB-01 (5-5.75’), and DUP because percent recovery for one component of NMeFOSAA (br-NMeFOSAA) was below QC limits, but not below 10% in the associated continuing calibration.
- The positive PFAS results for NMeFOSAA were qualified as “estimated” (J) in samples SS-3, SB-07 (18-20’), SB-05 (2.5-5’), SB-04 (2.5-5’), and SB-03 (2.5-5’) because percent recovery for one component of NMeFOSAA (br-NMeFOSAA) was below QC limits, but not below 10% in the associated continuing calibration.
- The “not detected” PFAS results for 14 PFAS were qualified as estimated (UJ) in sample SB-03 (2.5-5’) because the areas of the internal standards used to quantitate the associated surrogates were below control limits, but not below 25% in the sample.
- The “not detected” PFAS results for PFBA and PFPeA were qualified as estimated (UJ) in sample SB-01 (5-5.75’) because the area of the internal standard used to quantitate the associated surrogates was below control limits, but not below 25% in the sample.
- The positive PCB results for aroclor 1254 were qualified as estimated (J) in samples SS-1 and DUP because the relative percent difference for aroclor 1254 was above the allowable maximum in the soil field duplicate pair SS-1/DUP.
- The positive pesticide results for 4,4'-DDE were qualified as “estimated, biased high” (J+) for samples SS-1 and SS-4 because the RPDs for dual column quantitation of 4,4'-DDE were above the allowable maximum, but not above 70% and the lower results were reported.
- The positive pesticide results for 4,4'-DDE and 4,4'-DDT were qualified as “estimated, biased high” (J+) for sample DUP because the RPDs for dual column quantitation of 4,4'-DDE and 4,4'-DDT were above the allowable maximum, but not above 70% and the lower results were reported.

- The positive pesticide results for trans-chlordane were qualified as “estimated, biased high” (J+) in samples SS-2 and SS-4 because the %RPDs for dual column quantitation of trans-chlordane were above the allowable maximum, but not above 70% and the higher results were reported.
- The positive pesticide results for cis-chlordane were qualified as “estimated, biased low” (J-) for sample SS-1, SS-2, SS-4, and DUP because the RPDs for dual column quantitation of cis-chlordane were above the allowable maximum, but not above 70% and the lower results were reported.
- The positive pesticide result for 4,4'-DDT was qualified as “estimated, presumptive evidence” (JN) in sample SS-1 because the %RPD for dual column quantitation of 4,4'-DDT was above the allowable maximum and above 70%, but not above 100%.
- The positive pesticide result for cis-chlordane was qualified as “estimated, presumptive evidence” (JN) in sample SS-3 because the %RPD for dual column quantitation of cis-chlordane was above the allowable maximum and above 70%, but not above 100%.
- The positive metal results for copper and potassium were qualified as estimated, biased high (J+) in all 20 soil samples and field duplicate because 2 of 2 percent recoveries (%Rs) for copper and 1 of 2 %Rs for potassium were above control limits in the associated soil MS/MSD sample.
- The positive metal results for lead and zinc were qualified as estimated, biased low (J-) in all 20 soil samples and field duplicate because 2 of 2 percent recoveries for lead and zinc were below control limits, but not below 10% in the associated soil MS/MSD sample.
- The positive metal results for iron and magnesium were qualified as estimated (J) in all 20 soil samples and field duplicate because the relative percent differences for iron and magnesium were above the allowable maximum in the associated soil MS/MSD sample.
- The positive metal result for mercury was qualified as estimated, biased low (J+) in sample SS-3 because 2 of 2 percent recoveries for mercury were above control limits in the associated soil MS/MSD sample.
- The positive metal results for antimony were qualified as estimated, biased low (J-) in the following soil samples because 1 of 2 percent recoveries for antimony was below control limits, but not below 10% in the associated soil MS/MSD sample.

SB-16 (6-8')	SB-14 (18-20')	SB-13 (17-19')	SB-12 (18-20')
SB-11 (5-7')	SB-10 (18-20')	SB-09 (18-20')	SB-08 (18-20')
SB-07 (18-20')	SB-01 (5.5-5.75')	SS-3	SS-4

- The “not detected” metal results for antimony were qualified as estimated (UJ) in the following soil samples because 1 of 2 percent recoveries for antimony was below control limits, but not below 10% in the associated soil MS/MSD sample.

SB-15 (13-15')	SB-06 (18-20')	SB-05 (2.5-5')	SB-04 (2.5-5')
SB-03 (2.5-5')	SB-02 (12.5-15')	SS-1	SS-2
DUP			

- The positive metal results for the following 10 metals were qualified as estimated (J) in samples SS-1 and DUP because the relative percent differences for these 10 metals were above the allowable maximum in the soil field duplicate pair SS-1/DUP.

aluminum	arsenic	barium	calcium	chromium
cobalt	manganese	nickel	sodium	vanadium

- The “not detected” result for total cyanide was qualified as estimated (UJ) in all 20 soil samples and field duplicate because 1 or 2 of 2 percent recoveries for total cyanide were below control limits, but not below 10% in the associated soil LCS/LCSDs.

All data that are not qualified rejected (R) are considered usable with estimated (J, J-, J+, JN, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A06
 Sample Amount : 6.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 10:31
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.3	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.86	0.12	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.86	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.86	0.11	U
124-48-1	Dibromochloromethane	ND	0.86	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.86	0.23	U
127-18-4	Tetrachloroethene	ND	0.43	0.17	U
108-90-7	Chlorobenzene	ND	0.43	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.4	0.60	U UJ
107-06-2	1,2-Dichloroethane	ND	0.86	0.22	U
71-55-6	1,1,1-Trichloroethane	ND	0.43	0.14	U
75-27-4	Bromodichloromethane	ND	0.43	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.86	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.43	0.14	U
75-25-2	Bromoform	ND	3.4	0.21	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.43	0.14	U
71-43-2	Benzene	ND	0.43	0.14	U
108-88-3	Toluene	ND	0.86	0.47	U
100-41-4	Ethylbenzene	ND	0.86	0.12	U
74-87-3	Chloromethane	ND	3.4	0.80	U
74-83-9	Bromomethane	ND	1.7	0.50	U UJ
75-01-4	Vinyl chloride	ND	0.86	0.29	U UJ
75-00-3	Chloroethane	ND	1.7	0.39	U UJ
75-35-4	1,1-Dichloroethene	ND	0.86	0.20	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A06
 Sample Amount : 6.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 10:31
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	ND	0.43	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.48	U
95-47-6	o-Xylene	ND	0.86	0.25	U
156-59-2	cis-1,2-Dichloroethene	ND	0.86	0.15	U
100-42-5	Styrene	ND	0.86	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.6	0.79	U
67-64-1	Acetone	ND	8.6	4.2	U
75-15-0	Carbon disulfide	ND	8.6	3.9	U
78-93-3	2-Butanone	ND	8.6	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.6	1.1	U
591-78-6	2-Hexanone	ND	8.6	1.0	U
74-97-5	Bromochloromethane	ND	1.7	0.18	U
106-93-4	1,2-Dibromoethane	ND	0.86	0.24	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.86	U
98-82-8	Isopropylbenzene	ND	0.86	0.09	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.28	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.23	U
79-20-9	Methyl Acetate	ND	3.4	0.82	U
110-82-7	Cyclohexane	ND	8.6	0.47	U
123-91-1	1,4-Dioxane	ND	69	30.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A06
 Sample Amount : 6.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 10:31
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.4	0.60	U
108-87-2	Methyl cyclohexane	ND	3.4	0.52	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A07
 Sample Amount : 7.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 10:57
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 85
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.2	1.9	U
75-34-3	1,1-Dichloroethane	ND	0.84	0.12	U
67-66-3	Chloroform	ND	1.2	0.12	U
56-23-5	Carbon tetrachloride	ND	0.84	0.19	U
78-87-5	1,2-Dichloropropane	ND	0.84	0.10	U
124-48-1	Dibromochloromethane	ND	0.84	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.84	0.22	U
127-18-4	Tetrachloroethene	ND	0.42	0.16	U
108-90-7	Chlorobenzene	ND	0.42	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.4	0.58	U UJ
107-06-2	1,2-Dichloroethane	ND	0.84	0.22	U
71-55-6	1,1,1-Trichloroethane	ND	0.42	0.14	U
75-27-4	Bromodichloromethane	ND	0.42	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.84	0.23	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.42	0.13	U
75-25-2	Bromoform	ND	3.4	0.21	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.42	0.14	U
71-43-2	Benzene	ND	0.42	0.14	U
108-88-3	Toluene	ND	0.84	0.46	U
100-41-4	Ethylbenzene	ND	0.84	0.12	U
74-87-3	Chloromethane	ND	3.4	0.78	U
74-83-9	Bromomethane	ND	1.7	0.49	U UJ
75-01-4	Vinyl chloride	ND	0.84	0.28	U UJ
75-00-3	Chloroethane	ND	1.7	0.38	U UJ
75-35-4	1,1-Dichloroethene	ND	0.84	0.20	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A07
 Sample Amount : 7.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 10:57
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 85
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.12	U
79-01-6	Trichloroethene	ND	0.42	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.14	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.47	U
95-47-6	o-Xylene	ND	0.84	0.24	U
156-59-2	cis-1,2-Dichloroethene	ND	0.84	0.15	U
100-42-5	Styrene	ND	0.84	0.16	U
75-71-8	Dichlorodifluoromethane	ND	8.4	0.77	U
67-64-1	Acetone	ND	8.4	4.0	U
75-15-0	Carbon disulfide	ND	8.4	3.8	U
78-93-3	2-Butanone	ND	8.4	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.4	1.1	U
591-78-6	2-Hexanone	ND	8.4	0.99	U
74-97-5	Bromochloromethane	ND	1.7	0.17	U
106-93-4	1,2-Dibromoethane	ND	0.84	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.84	U
98-82-8	Isopropylbenzene	ND	0.84	0.09	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.27	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.23	U
79-20-9	Methyl Acetate	ND	3.4	0.80	U
110-82-7	Cyclohexane	ND	8.4	0.46	U
123-91-1	1,4-Dioxane	ND	67	29.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A07
 Sample Amount : 7.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 10:57
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 85
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.4	0.58	U
108-87-2	Methyl cyclohexane	ND	3.4	0.51	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A08
 Sample Amount : 6.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 11:22
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.7	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.93	0.14	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.93	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.93	0.12	U
124-48-1	Dibromochloromethane	ND	0.93	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.93	0.25	U
127-18-4	Tetrachloroethene	ND	0.47	0.18	U
108-90-7	Chlorobenzene	ND	0.47	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.7	0.65	U UJ
107-06-2	1,2-Dichloroethane	ND	0.93	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.47	0.16	U
75-27-4	Bromodichloromethane	ND	0.47	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.93	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.47	0.15	U
75-25-2	Bromoform	ND	3.7	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.47	0.15	U
71-43-2	Benzene	ND	0.47	0.15	U
108-88-3	Toluene	ND	0.93	0.51	U
100-41-4	Ethylbenzene	ND	0.93	0.13	U
74-87-3	Chloromethane	ND	3.7	0.87	U
74-83-9	Bromomethane	ND	1.9	0.54	U UJ
75-01-4	Vinyl chloride	ND	0.93	0.31	U UJ
75-00-3	Chloroethane	ND	1.9	0.42	U UJ
75-35-4	1,1-Dichloroethene	ND	0.93	0.22	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A08
 Sample Amount : 6.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 11:22
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.47	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	ND	1.9	0.52	U
95-47-6	o-Xylene	ND	0.93	0.27	U
156-59-2	cis-1,2-Dichloroethene	ND	0.93	0.16	U
100-42-5	Styrene	ND	0.93	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.3	0.85	U
67-64-1	Acetone	ND	9.3	4.5	U
75-15-0	Carbon disulfide	ND	9.3	4.2	U
78-93-3	2-Butanone	ND	9.3	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.3	1.2	U
591-78-6	2-Hexanone	ND	9.3	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.93	0.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.93	U
98-82-8	Isopropylbenzene	ND	0.93	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.30	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.25	U
79-20-9	Methyl Acetate	ND	3.7	0.88	U
110-82-7	Cyclohexane	ND	9.3	0.51	U
123-91-1	1,4-Dioxane	ND	74	33.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A08
 Sample Amount : 6.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 11:22
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.7	0.64	U
108-87-2	Methyl cyclohexane	ND	3.7	0.56	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A09
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 11:47
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.3	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U
127-18-4	Tetrachloroethene	ND	0.53	0.21	U
108-90-7	Chlorobenzene	ND	0.53	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.2	0.73	U UJ
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.53	0.18	U
75-27-4	Bromodichloromethane	ND	0.53	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.29	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	0.17	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	0.18	U
71-43-2	Benzene	ND	0.53	0.18	U
108-88-3	Toluene	ND	1.0	0.57	U
100-41-4	Ethylbenzene	ND	1.0	0.15	U
74-87-3	Chloromethane	ND	4.2	0.98	U
74-83-9	Bromomethane	ND	2.1	0.61	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.35	U UJ
75-00-3	Chloroethane	ND	2.1	0.48	U UJ
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A09
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 11:47
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	0.45	0.53	0.14	J
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.59	U
95-47-6	o-Xylene	ND	1.0	0.31	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.21	U
75-71-8	Dichlorodifluoromethane	ND	10	0.97	U
67-64-1	Acetone	ND	10	5.1	U
75-15-0	Carbon disulfide	ND	10	4.8	U
78-93-3	2-Butanone	ND	10	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.4	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.12	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U
79-20-9	Methyl Acetate	ND	4.2	1.0	U
110-82-7	Cyclohexane	ND	10	0.58	U
123-91-1	1,4-Dioxane	ND	84	37.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A09
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 11:47
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.2	0.73	U
108-87-2	Methyl cyclohexane	ND	4.2	0.64	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A10
 Sample Amount : 6.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 12:12
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.6	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.92	0.13	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.92	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.92	0.11	U
124-48-1	Dibromochloromethane	ND	0.92	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.92	0.24	U
127-18-4	Tetrachloroethene	ND	0.46	0.18	U
108-90-7	Chlorobenzene	ND	0.46	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.7	0.64	U UJ
107-06-2	1,2-Dichloroethane	ND	0.92	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.46	0.15	U
75-27-4	Bromodichloromethane	ND	0.46	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.92	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.46	0.14	U
75-25-2	Bromoform	ND	3.7	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.46	0.15	U
71-43-2	Benzene	ND	0.46	0.15	U
108-88-3	Toluene	ND	0.92	0.50	U
100-41-4	Ethylbenzene	ND	0.92	0.13	U
74-87-3	Chloromethane	ND	3.7	0.85	U
74-83-9	Bromomethane	ND	1.8	0.53	U UJ
75-01-4	Vinyl chloride	ND	0.92	0.31	U UJ
75-00-3	Chloroethane	ND	1.8	0.41	U UJ
75-35-4	1,1-Dichloroethene	ND	0.92	0.22	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A10
 Sample Amount : 6.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 12:12
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.12	U
79-01-6	Trichloroethene	ND	0.46	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	ND	1.8	0.51	U
95-47-6	o-Xylene	ND	0.92	0.27	U
156-59-2	cis-1,2-Dichloroethene	ND	0.92	0.16	U
100-42-5	Styrene	ND	0.92	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.2	0.84	U
67-64-1	Acetone	ND	9.2	4.4	U
75-15-0	Carbon disulfide	ND	9.2	4.2	U
78-93-3	2-Butanone	ND	9.2	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.2	1.2	U
591-78-6	2-Hexanone	ND	9.2	1.1	U
74-97-5	Bromochloromethane	ND	1.8	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.92	0.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	0.91	U
98-82-8	Isopropylbenzene	ND	0.92	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.30	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.25	U
79-20-9	Methyl Acetate	ND	3.7	0.87	U
110-82-7	Cyclohexane	ND	9.2	0.50	U
123-91-1	1,4-Dioxane	ND	73	32.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A10
 Sample Amount : 6.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 12:12
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.7	0.64	U
108-87-2	Methyl cyclohexane	ND	3.7	0.55	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A11
 Sample Amount : 7.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 12:37
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.0	1.8	U
75-34-3	1,1-Dichloroethane	ND	0.80	0.12	U
67-66-3	Chloroform	ND	1.2	0.11	U
56-23-5	Carbon tetrachloride	ND	0.80	0.18	U
78-87-5	1,2-Dichloropropane	ND	0.80	0.10	U
124-48-1	Dibromochloromethane	ND	0.80	0.11	U
79-00-5	1,1,2-Trichloroethane	ND	0.80	0.21	U
127-18-4	Tetrachloroethene	ND	0.40	0.16	U
108-90-7	Chlorobenzene	ND	0.40	0.10	U
75-69-4	Trichlorofluoromethane	ND	3.2	0.55	U UJ
107-06-2	1,2-Dichloroethane	ND	0.80	0.20	U
71-55-6	1,1,1-Trichloroethane	ND	0.40	0.13	U
75-27-4	Bromodichloromethane	ND	0.40	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.80	0.22	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.40	0.12	U
75-25-2	Bromoform	ND	3.2	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.40	0.13	U
71-43-2	Benzene	ND	0.40	0.13	U
108-88-3	Toluene	ND	0.80	0.43	U
100-41-4	Ethylbenzene	ND	0.80	0.11	U
74-87-3	Chloromethane	ND	3.2	0.74	U
74-83-9	Bromomethane	ND	1.6	0.46	U UJ
75-01-4	Vinyl chloride	ND	0.80	0.27	U UJ
75-00-3	Chloroethane	ND	1.6	0.36	U UJ
75-35-4	1,1-Dichloroethene	ND	0.80	0.19	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A11
 Sample Amount : 7.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 12:37
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.11	U
79-01-6	Trichloroethene	ND	0.40	0.11	U
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.11	U
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.14	U
1634-04-4	Methyl tert butyl ether	ND	1.6	0.16	U
179601-23-1	p/m-Xylene	ND	1.6	0.45	U
95-47-6	o-Xylene	ND	0.80	0.23	U
156-59-2	cis-1,2-Dichloroethene	ND	0.80	0.14	U
100-42-5	Styrene	ND	0.80	0.16	U
75-71-8	Dichlorodifluoromethane	ND	8.0	0.73	U
67-64-1	Acetone	ND	8.0	3.8	U
75-15-0	Carbon disulfide	ND	8.0	3.6	U
78-93-3	2-Butanone	ND	8.0	1.8	U
108-10-1	4-Methyl-2-pentanone	ND	8.0	1.0	U
591-78-6	2-Hexanone	ND	8.0	0.94	U
74-97-5	Bromochloromethane	ND	1.6	0.16	U
106-93-4	1,2-Dibromoethane	ND	0.80	0.22	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	0.80	U
98-82-8	Isopropylbenzene	ND	0.80	0.09	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.6	0.26	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.6	0.22	U
79-20-9	Methyl Acetate	ND	3.2	0.76	U
110-82-7	Cyclohexane	ND	8.0	0.43	U
123-91-1	1,4-Dioxane	ND	64	28.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A11
 Sample Amount : 7.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 12:37
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.2	0.55	U
108-87-2	Methyl cyclohexane	ND	3.2	0.48	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A12
 Sample Amount : 6.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 13:02
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 87
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.8	2.2	U
75-34-3	1,1-Dichloroethane	ND	0.96	0.14	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.96	0.22	U
78-87-5	1,2-Dichloropropane	ND	0.96	0.12	U
124-48-1	Dibromochloromethane	ND	0.96	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.96	0.26	U
127-18-4	Tetrachloroethene	ND	0.48	0.19	U
108-90-7	Chlorobenzene	ND	0.48	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U UJ
107-06-2	1,2-Dichloroethane	ND	0.96	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.48	0.16	U
75-27-4	Bromodichloromethane	ND	0.48	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.96	0.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.48	0.15	U
75-25-2	Bromoform	ND	3.8	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.48	0.16	U
71-43-2	Benzene	ND	0.48	0.16	U
108-88-3	Toluene	ND	0.96	0.52	U
100-41-4	Ethylbenzene	ND	0.96	0.13	U
74-87-3	Chloromethane	ND	3.8	0.89	U
74-83-9	Bromomethane	ND	1.9	0.56	U UJ
75-01-4	Vinyl chloride	ND	0.96	0.32	U UJ
75-00-3	Chloroethane	ND	1.9	0.43	U UJ
75-35-4	1,1-Dichloroethene	ND	0.96	0.23	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A12
 Sample Amount : 6.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 13:02
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 87
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.48	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	ND	1.9	0.54	U
95-47-6	o-Xylene	ND	0.96	0.28	U
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.17	U
100-42-5	Styrene	ND	0.96	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.6	0.87	U
67-64-1	Acetone	ND	9.6	4.6	U
75-15-0	Carbon disulfide	ND	9.6	4.3	U
78-93-3	2-Butanone	ND	9.6	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.6	1.2	U
591-78-6	2-Hexanone	ND	9.6	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.20	U
106-93-4	1,2-Dibromoethane	ND	0.96	0.27	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.95	U
98-82-8	Isopropylbenzene	ND	0.96	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U
79-20-9	Methyl Acetate	ND	3.8	0.91	U
110-82-7	Cyclohexane	ND	9.6	0.52	U
123-91-1	1,4-Dioxane	ND	76	34.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A12
 Sample Amount : 6.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 13:02
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 87
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.8	0.66	U
108-87-2	Methyl cyclohexane	ND	3.8	0.58	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N16
 Sample Amount : 5.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 01:44
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.7	2.2	U
75-34-3	1,1-Dichloroethane	ND	0.94	0.14	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.94	0.22	U
78-87-5	1,2-Dichloropropane	ND	0.94	0.12	U
124-48-1	Dibromochloromethane	ND	0.94	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.94	0.25	U
127-18-4	Tetrachloroethene	ND	0.47	0.18	U
108-90-7	Chlorobenzene	ND	0.47	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U
107-06-2	1,2-Dichloroethane	ND	0.94	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.47	0.16	U
75-27-4	Bromodichloromethane	ND	0.47	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.94	0.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.47	0.15	U
75-25-2	Bromoform	ND	3.8	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.47	0.16	U
71-43-2	Benzene	ND	0.47	0.16	U
108-88-3	Toluene	ND	0.94	0.51	U
100-41-4	Ethylbenzene	ND	0.94	0.13	U
74-87-3	Chloromethane	ND	3.8	0.88	U
74-83-9	Bromomethane	ND	1.9	0.55	U UJ
75-01-4	Vinyl chloride	ND	0.94	0.32	U UJ
75-00-3	Chloroethane	ND	1.9	0.43	U UJ
75-35-4	1,1-Dichloroethene	ND	0.94	0.22	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N16
 Sample Amount : 5.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 01:44
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.47	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	ND	1.9	0.53	U
95-47-6	o-Xylene	ND	0.94	0.27	U
156-59-2	cis-1,2-Dichloroethene	ND	0.94	0.16	U
100-42-5	Styrene	ND	0.94	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.4	0.86	U
67-64-1	Acetone	ND	9.4	4.5	U
75-15-0	Carbon disulfide	ND	9.4	4.3	U
78-93-3	2-Butanone	ND	9.4	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.4	1.2	U
591-78-6	2-Hexanone	ND	9.4	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.94	0.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.94	U
98-82-8	Isopropylbenzene	ND	0.94	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.30	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U
79-20-9	Methyl Acetate	ND	3.8	0.90	U
110-82-7	Cyclohexane	ND	9.4	0.51	U
123-91-1	1,4-Dioxane	ND	76	33.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N16
 Sample Amount : 5.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 01:44
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.8	0.65	U
108-87-2	Methyl cyclohexane	ND	3.8	0.57	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N17
 Sample Amount : 6.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 02:09
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 95
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.1	1.9	U
75-34-3	1,1-Dichloroethane	ND	0.82	0.12	U
67-66-3	Chloroform	ND	1.2	0.12	U
56-23-5	Carbon tetrachloride	ND	0.82	0.19	U
78-87-5	1,2-Dichloropropane	ND	0.82	0.10	U
124-48-1	Dibromochloromethane	ND	0.82	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.82	0.22	U
127-18-4	Tetrachloroethene	ND	0.41	0.16	U
108-90-7	Chlorobenzene	ND	0.41	0.10	U
75-69-4	Trichlorofluoromethane	ND	3.3	0.57	U
107-06-2	1,2-Dichloroethane	ND	0.82	0.21	U
71-55-6	1,1,1-Trichloroethane	ND	0.41	0.14	U
75-27-4	Bromodichloromethane	ND	0.41	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.82	0.22	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.41	0.13	U
75-25-2	Bromoform	ND	3.3	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.41	0.14	U
71-43-2	Benzene	ND	0.41	0.14	U
108-88-3	Toluene	ND	0.82	0.45	U
100-41-4	Ethylbenzene	ND	0.82	0.12	U
74-87-3	Chloromethane	ND	3.3	0.77	U
74-83-9	Bromomethane	ND	1.6	0.48	U UJ
75-01-4	Vinyl chloride	ND	0.82	0.28	U UJ
75-00-3	Chloroethane	ND	1.6	0.37	U UJ
75-35-4	1,1-Dichloroethene	ND	0.82	0.20	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N17
 Sample Amount : 6.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 02:09
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 95
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.11	U
79-01-6	Trichloroethene	ND	0.41	0.11	U
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.14	U
1634-04-4	Methyl tert butyl ether	ND	1.6	0.16	U
179601-23-1	p/m-Xylene	ND	1.6	0.46	U
95-47-6	o-Xylene	ND	0.82	0.24	U
156-59-2	cis-1,2-Dichloroethene	ND	0.82	0.14	U
100-42-5	Styrene	ND	0.82	0.16	U
75-71-8	Dichlorodifluoromethane	ND	8.2	0.76	U
67-64-1	Acetone	ND	8.2	4.0	U
75-15-0	Carbon disulfide	ND	8.2	3.8	U
78-93-3	2-Butanone	ND	8.2	1.8	U
108-10-1	4-Methyl-2-pentanone	ND	8.2	1.0	U
591-78-6	2-Hexanone	ND	8.2	0.97	U
74-97-5	Bromochloromethane	ND	1.6	0.17	U
106-93-4	1,2-Dibromoethane	ND	0.82	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.82	U
98-82-8	Isopropylbenzene	ND	0.82	0.09	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.6	0.26	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.6	0.22	U
79-20-9	Methyl Acetate	ND	3.3	0.78	U
110-82-7	Cyclohexane	ND	8.2	0.45	U
123-91-1	1,4-Dioxane	ND	66	29.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N17
 Sample Amount : 6.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 02:09
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 95
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.3	0.57	U
108-87-2	Methyl cyclohexane	ND	3.3	0.50	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A15
 Sample Amount : 5.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 14:18
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.2	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U
127-18-4	Tetrachloroethene	ND	0.52	0.20	U
108-90-7	Chlorobenzene	ND	0.52	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.2	0.73	U UJ
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.18	U
75-27-4	Bromodichloromethane	ND	0.52	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.29	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.17	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U
71-43-2	Benzene	ND	0.52	0.17	U
108-88-3	Toluene	ND	1.0	0.57	U
100-41-4	Ethylbenzene	ND	1.0	0.15	U
74-87-3	Chloromethane	ND	4.2	0.98	U
74-83-9	Bromomethane	ND	2.1	0.61	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.35	U UJ
75-00-3	Chloroethane	ND	2.1	0.47	U UJ
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A15
 Sample Amount : 5.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 14:18
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	0.62	0.52	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.59	U
95-47-6	o-Xylene	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	1.1	1.0	0.18	
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U
67-64-1	Acetone	ND	10	5.0	U
75-15-0	Carbon disulfide	ND	10	4.8	U
78-93-3	2-Butanone	ND	10	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U
79-20-9	Methyl Acetate	ND	4.2	1.0	U
110-82-7	Cyclohexane	ND	10	0.57	U
123-91-1	1,4-Dioxane	ND	84	37.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A15
 Sample Amount : 5.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 14:18
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.2	0.73	U
108-87-2	Methyl cyclohexane	ND	4.2	0.63	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N15
 Sample Amount : 5.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 01:18
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 78
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.0	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U UJ
127-18-4	Tetrachloroethene	ND	0.60	0.24	U UJ
108-90-7	Chlorobenzene	ND	0.60	0.15	U UJ
75-69-4	Trichlorofluoromethane	ND	4.8	0.83	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.60	0.20	U
75-27-4	Bromodichloromethane	ND	0.60	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.60	0.19	U UJ
75-25-2	Bromoform	ND	4.8	0.30	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.60	0.20	U UJ
71-43-2	Benzene	ND	0.60	0.20	U
108-88-3	Toluene	ND	1.2	0.65	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.8	1.1	U
74-83-9	Bromomethane	ND	2.4	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.2	0.40	U UJ
75-00-3	Chloroethane	ND	2.4	0.54	U UJ
75-35-4	1,1-Dichloroethene	ND	1.2	0.28	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N15
 Sample Amount : 5.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 01:18
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 78
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U
79-01-6	Trichloroethene	ND	0.60	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U UJ
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U UJ
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.20	U UJ
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.67	U UJ
95-47-6	o-Xylene	ND	1.2	0.35	U UJ
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.24	U UJ
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	6.5	12	5.8	J J+
75-15-0	Carbon disulfide	ND	12	5.5	U
78-93-3	2-Butanone	8.1	12	2.7	J J+
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U UJ
74-97-5	Bromochloromethane	ND	2.4	0.25	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U UJ
98-82-8	Isopropylbenzene	ND	1.2	0.13	U UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.4	0.39	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.33	U UJ
79-20-9	Methyl Acetate	ND	4.8	1.1	U
110-82-7	Cyclohexane	ND	12	0.65	U
123-91-1	1,4-Dioxane	ND	96	42.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N15
 Sample Amount : 5.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 01:18
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 78
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.8	0.83	U
108-87-2	Methyl cyclohexane	ND	4.8	0.72	U UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A17
 Sample Amount : 5.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 15:09
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.5	2.5	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	ND	0.55	0.22	U
108-90-7	Chlorobenzene	ND	0.55	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.4	0.77	U UJ
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.55	0.18	U
75-27-4	Bromodichloromethane	ND	0.55	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.55	0.17	U
75-25-2	Bromoform	ND	4.4	0.27	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.55	0.18	U UJ
71-43-2	Benzene	ND	0.55	0.18	U
108-88-3	Toluene	ND	1.1	0.60	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.4	1.0	U
74-83-9	Bromomethane	ND	2.2	0.64	U UJ
75-01-4	Vinyl chloride	ND	1.1	0.37	U UJ
75-00-3	Chloroethane	ND	2.2	0.50	U UJ
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A17
 Sample Amount : 5.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 15:09
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.15	U
79-01-6	Trichloroethene	ND	0.55	0.15	U
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U UJ
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U UJ
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.19	U UJ
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	ND	2.2	0.62	U
95-47-6	o-Xylene	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.3	U
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.2	0.23	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.31	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U UJ
98-82-8	Isopropylbenzene	ND	1.1	0.12	U UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	0.36	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U UJ
79-20-9	Methyl Acetate	ND	4.4	1.0	U
110-82-7	Cyclohexane	ND	11	0.60	U
123-91-1	1,4-Dioxane	ND	88	39.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A17
 Sample Amount : 5.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 15:09
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.4	0.77	U
108-87-2	Methyl cyclohexane	ND	4.4	0.67	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N14
 Sample Amount : 4.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:52
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 84
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.2	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.9	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.29	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.16	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.33	U
127-18-4	Tetrachloroethene	ND	0.62	0.24	U
108-90-7	Chlorobenzene	ND	0.62	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.0	0.87	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.32	U
71-55-6	1,1,1-Trichloroethane	ND	0.62	0.21	U
75-27-4	Bromodichloromethane	ND	0.62	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.34	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	0.20	U
75-25-2	Bromoform	ND	5.0	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	0.21	U
71-43-2	Benzene	ND	0.62	0.21	U
108-88-3	Toluene	ND	1.2	0.68	U
100-41-4	Ethylbenzene	ND	1.2	0.18	U
74-87-3	Chloromethane	ND	5.0	1.2	U
74-83-9	Bromomethane	ND	2.5	0.72	U UJ
75-01-4	Vinyl chloride	ND	1.2	0.42	U UJ
75-00-3	Chloroethane	ND	2.5	0.56	U UJ
75-35-4	1,1-Dichloroethene	ND	1.2	0.30	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N14
 Sample Amount : 4.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:52
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 84
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.17	U
79-01-6	Trichloroethene	ND	0.62	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.25	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.22	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	6.0	U
75-15-0	Carbon disulfide	ND	12	5.7	U
78-93-3	2-Butanone	ND	12	2.8	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.5	U
74-97-5	Bromochloromethane	ND	2.5	0.26	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.35	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.40	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
79-20-9	Methyl Acetate	ND	5.0	1.2	U
110-82-7	Cyclohexane	ND	12	0.68	U
123-91-1	1,4-Dioxane	ND	100	44.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N14
 Sample Amount : 4.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:52
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 84
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	5.0	0.86	U
108-87-2	Methyl cyclohexane	ND	5.0	0.75	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N13
 Sample Amount : 5.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:26
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.34	U UJ
75-00-3	Chloroethane	ND	2.0	0.45	U UJ
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N13
 Sample Amount : 5.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:26
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N13
 Sample Amount : 5.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:26
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N12
 Sample Amount : 5.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:00
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 93
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.6	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.93	0.13	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.93	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.93	0.12	U
124-48-1	Dibromochloromethane	ND	0.93	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.93	0.25	U
127-18-4	Tetrachloroethene	ND	0.46	0.18	U
108-90-7	Chlorobenzene	ND	0.46	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.7	0.64	U
107-06-2	1,2-Dichloroethane	ND	0.93	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.46	0.15	U
75-27-4	Bromodichloromethane	ND	0.46	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.93	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.46	0.15	U
75-25-2	Bromoform	ND	3.7	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.46	0.15	U
71-43-2	Benzene	ND	0.46	0.15	U
108-88-3	Toluene	ND	0.93	0.50	U
100-41-4	Ethylbenzene	ND	0.93	0.13	U
74-87-3	Chloromethane	ND	3.7	0.86	U
74-83-9	Bromomethane	ND	1.8	0.54	U UJ
75-01-4	Vinyl chloride	ND	0.93	0.31	U UJ
75-00-3	Chloroethane	ND	1.8	0.42	U UJ
75-35-4	1,1-Dichloroethene	ND	0.93	0.22	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N12
 Sample Amount : 5.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:00
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 93
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.46	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.19	U
179601-23-1	p/m-Xylene	ND	1.8	0.52	U
95-47-6	o-Xylene	ND	0.93	0.27	U
156-59-2	cis-1,2-Dichloroethene	ND	0.93	0.16	U
100-42-5	Styrene	ND	0.93	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.3	0.85	U
67-64-1	Acetone	ND	9.3	4.4	U
75-15-0	Carbon disulfide	ND	9.3	4.2	U
78-93-3	2-Butanone	ND	9.3	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.3	1.2	U
591-78-6	2-Hexanone	ND	9.3	1.1	U
74-97-5	Bromochloromethane	ND	1.8	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.93	0.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.92	U
98-82-8	Isopropylbenzene	ND	0.93	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.30	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.25	U
79-20-9	Methyl Acetate	ND	3.7	0.88	U
110-82-7	Cyclohexane	ND	9.3	0.50	U
123-91-1	1,4-Dioxane	ND	74	32.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N12
 Sample Amount : 5.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 00:00
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 93
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.7	0.64	U
108-87-2	Methyl cyclohexane	ND	3.7	0.56	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A21
 Sample Amount : 4.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 16:50
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
75-09-2	Methylene chloride	ND	7.0	3.2	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U	UJ
67-66-3	Chloroform	ND	2.1	0.19	U	UJ
56-23-5	Carbon tetrachloride	ND	1.4	0.32	U	UJ
78-87-5	1,2-Dichloropropane	ND	1.4	0.17	U	UJ
124-48-1	Dibromochloromethane	ND	1.4	0.19	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.37	U	UJ
127-18-4	Tetrachloroethene	ND	0.70	0.27	U	UJ
108-90-7	Chlorobenzene	ND	0.70	0.18	U	UJ
75-69-4	Trichlorofluoromethane	ND	5.6	0.97	U	UJ
107-06-2	1,2-Dichloroethane	ND	1.4	0.36	U	UJ
71-55-6	1,1,1-Trichloroethane	ND	0.70	0.23	U	UJ
75-27-4	Bromodichloromethane	ND	0.70	0.15	U	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.38	U	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.70	0.22	U	UJ
75-25-2	Bromoform	ND	5.6	0.34	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.70	0.23	U	UJ
71-43-2	Benzene	ND	0.70	0.23	U	UJ
108-88-3	Toluene	ND	1.4	0.76	U	UJ
100-41-4	Ethylbenzene	ND	1.4	0.20	U	UJ
74-87-3	Chloromethane	ND	5.6	1.3	U	UJ
74-83-9	Bromomethane	ND	2.8	0.81	U	UJ
75-01-4	Vinyl chloride	ND	1.4	0.47	U	UJ
75-00-3	Chloroethane	ND	2.8	0.63	U	UJ
75-35-4	1,1-Dichloroethene	ND	1.4	0.33	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A21
 Sample Amount : 4.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 16:50
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.19	U	UJ
79-01-6	Trichloroethene	0.69	0.70	0.19	J	J+
95-50-1	1,2-Dichlorobenzene	ND	2.8	0.20	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	2.8	0.20	U	UJ
106-46-7	1,4-Dichlorobenzene	ND	2.8	0.24	U	UJ
1634-04-4	Methyl tert butyl ether	ND	2.8	0.28	U	UJ
179601-23-1	p/m-Xylene	ND	2.8	0.78	U	UJ
95-47-6	o-Xylene	ND	1.4	0.40	U	UJ
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.24	U	UJ
100-42-5	Styrene	ND	1.4	0.27	U	UJ
75-71-8	Dichlorodifluoromethane	ND	14	1.3	U	UJ
67-64-1	Acetone	30	14	6.7		J+
75-15-0	Carbon disulfide	ND	14	6.3	U	UJ
78-93-3	2-Butanone	ND	14	3.1	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U	UJ
591-78-6	2-Hexanone	ND	14	1.6	U	UJ
74-97-5	Bromochloromethane	ND	2.8	0.28	U	UJ
106-93-4	1,2-Dibromoethane	ND	1.4	0.39	U	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.2	1.4	U	UJ
98-82-8	Isopropylbenzene	ND	1.4	0.15	U	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.8	0.45	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.8	0.38	U	UJ
79-20-9	Methyl Acetate	ND	5.6	1.3	U	UJ
110-82-7	Cyclohexane	ND	14	0.76	U	UJ
123-91-1	1,4-Dioxane	ND	110	49.	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A21
 Sample Amount : 4.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 16:50
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
76-13-1	Freon-113	ND	5.6	0.96	U	UJ
108-87-2	Methyl cyclohexane	ND	5.6	0.84	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16R
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N11
 Sample Amount : 3.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 23:35
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
75-09-2	Methylene chloride	ND	7.8	3.6	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.6	0.23	U	UJ
67-66-3	Chloroform	ND	2.4	0.22	U	UJ
56-23-5	Carbon tetrachloride	ND	1.6	0.36	U	UJ
78-87-5	1,2-Dichloropropane	ND	1.6	0.20	U	UJ
124-48-1	Dibromochloromethane	ND	1.6	0.22	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.42	U	UJ
127-18-4	Tetrachloroethene	ND	0.78	0.31	U	UJ
108-90-7	Chlorobenzene	ND	0.78	0.20	U	UJ
75-69-4	Trichlorofluoromethane	ND	6.3	1.1	U	UJ
107-06-2	1,2-Dichloroethane	ND	1.6	0.40	U	UJ
71-55-6	1,1,1-Trichloroethane	ND	0.78	0.26	U	UJ
75-27-4	Bromodichloromethane	ND	0.78	0.17	U	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.43	U	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.78	0.25	U	UJ
75-25-2	Bromoform	ND	6.3	0.38	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.78	0.26	U	UJ
71-43-2	Benzene	ND	0.78	0.26	U	UJ
108-88-3	Toluene	ND	1.6	0.85	U	UJ
100-41-4	Ethylbenzene	ND	1.6	0.22	U	UJ
74-87-3	Chloromethane	ND	6.3	1.5	U	UJ
74-83-9	Bromomethane	ND	3.1	0.91	U	UJ
75-01-4	Vinyl chloride	ND	1.6	0.52	U	UJ
75-00-3	Chloroethane	ND	3.1	0.71	U	UJ
75-35-4	1,1-Dichloroethene	ND	1.6	0.37	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16R
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N11
 Sample Amount : 3.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 23:35
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
156-60-5	trans-1,2-Dichloroethene	ND	2.4	0.21	U	UJ
79-01-6	Trichloroethene	ND	0.78	0.21	U	UJ
95-50-1	1,2-Dichlorobenzene	ND	3.1	0.22	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	3.1	0.23	U	UJ
106-46-7	1,4-Dichlorobenzene	ND	3.1	0.27	U	UJ
1634-04-4	Methyl tert butyl ether	ND	3.1	0.32	U	UJ
179601-23-1	p/m-Xylene	ND	3.1	0.88	U	UJ
95-47-6	o-Xylene	ND	1.6	0.46	U	UJ
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.27	U	UJ
100-42-5	Styrene	ND	1.6	0.31	U	UJ
75-71-8	Dichlorodifluoromethane	ND	16	1.4	U	UJ
67-64-1	Acetone	37	16	7.5		J+
75-15-0	Carbon disulfide	ND	16	7.1	U	UJ
78-93-3	2-Butanone	ND	16	3.5	U	UJ
108-10-1	4-Methyl-2-pentanone	ND	16	2.0	U	UJ
591-78-6	2-Hexanone	ND	16	1.8	U	UJ
74-97-5	Bromochloromethane	ND	3.1	0.32	U	UJ
106-93-4	1,2-Dibromoethane	ND	1.6	0.44	U	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.7	1.6	U	UJ
98-82-8	Isopropylbenzene	ND	1.6	0.17	U	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	3.1	0.50	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	3.1	0.43	U	UJ
79-20-9	Methyl Acetate	ND	6.3	1.5	U	UJ
110-82-7	Cyclohexane	ND	16	0.85	U	UJ
123-91-1	1,4-Dioxane	ND	120	55.	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16R
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N11
 Sample Amount : 3.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 23:35
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
76-13-1	Freon-113	ND	6.3	1.1	U	UJ
108-87-2	Methyl cyclohexane	ND	6.3	0.94	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N10
 Sample Amount : 4.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 23:10
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.3	2.9	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.9	0.18	U
56-23-5	Carbon tetrachloride	ND	1.2	0.29	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.16	U
124-48-1	Dibromochloromethane	ND	1.2	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.33	U
127-18-4	Tetrachloroethene	ND	0.63	0.24	U
108-90-7	Chlorobenzene	ND	0.63	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.0	0.87	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.32	U
71-55-6	1,1,1-Trichloroethane	ND	0.63	0.21	U
75-27-4	Bromodichloromethane	ND	0.63	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.34	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.63	0.20	U
75-25-2	Bromoform	ND	5.0	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.63	0.21	U
71-43-2	Benzene	ND	0.63	0.21	U
108-88-3	Toluene	ND	1.2	0.68	U
100-41-4	Ethylbenzene	ND	1.2	0.18	U
74-87-3	Chloromethane	ND	5.0	1.2	U
74-83-9	Bromomethane	ND	2.5	0.73	U UJ
75-01-4	Vinyl chloride	ND	1.2	0.42	U UJ
75-00-3	Chloroethane	ND	2.5	0.57	U UJ
75-35-4	1,1-Dichloroethene	ND	1.2	0.30	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N10
 Sample Amount : 4.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 23:10
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.17	U
79-01-6	Trichloroethene	ND	0.63	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.25	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.22	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	6.0	U
75-15-0	Carbon disulfide	ND	12	5.7	U
78-93-3	2-Butanone	ND	12	2.8	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.5	U
74-97-5	Bromochloromethane	ND	2.5	0.26	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.35	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.40	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
79-20-9	Methyl Acetate	ND	5.0	1.2	U
110-82-7	Cyclohexane	ND	12	0.68	U
123-91-1	1,4-Dioxane	ND	100	44.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N10
 Sample Amount : 4.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 23:10
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	5.0	0.87	U
108-87-2	Methyl cyclohexane	ND	5.0	0.76	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A23
 Sample Amount : 5.2 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 17:41
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
75-09-2	Methylene chloride	ND	5.4	2.5	U	UJ
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U	UJ
67-66-3	Chloroform	ND	1.6	0.15	U	UJ
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U	UJ
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U	UJ
124-48-1	Dibromochloromethane	ND	1.1	0.15	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U	UJ
127-18-4	Tetrachloroethene	ND	0.54	0.21	U	UJ
108-90-7	Chlorobenzene	ND	0.54	0.14	U	UJ
75-69-4	Trichlorofluoromethane	ND	4.3	0.75	U	UJ
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U	UJ
71-55-6	1,1,1-Trichloroethane	ND	0.54	0.18	U	UJ
75-27-4	Bromodichloromethane	ND	0.54	0.12	U	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.54	0.17	U	UJ
75-25-2	Bromoform	ND	4.3	0.27	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.54	0.18	U	UJ
71-43-2	Benzene	ND	0.54	0.18	U	UJ
108-88-3	Toluene	ND	1.1	0.59	U	UJ
100-41-4	Ethylbenzene	ND	1.1	0.15	U	UJ
74-87-3	Chloromethane	ND	4.3	1.0	U	UJ
74-83-9	Bromomethane	ND	2.2	0.63	U	UJ
75-01-4	Vinyl chloride	ND	1.1	0.36	U	UJ
75-00-3	Chloroethane	ND	2.2	0.49	U	UJ
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A23
 Sample Amount : 5.2 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 17:41
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U	UJ
79-01-6	Trichloroethene	ND	0.54	0.15	U	UJ
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U	UJ
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.18	U	UJ
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U	UJ
179601-23-1	p/m-Xylene	ND	2.2	0.61	U	UJ
95-47-6	o-Xylene	ND	1.1	0.32	U	UJ
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U	UJ
100-42-5	Styrene	ND	1.1	0.21	U	UJ
75-71-8	Dichlorodifluoromethane	ND	11	0.99	U	UJ
67-64-1	Acetone	48	11	5.2		J+
75-15-0	Carbon disulfide	ND	11	4.9	U	UJ
78-93-3	2-Butanone	7.2	11	2.4	J	J+
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U	UJ
591-78-6	2-Hexanone	ND	11	1.3	U	UJ
74-97-5	Bromochloromethane	ND	2.2	0.22	U	UJ
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.1	U	UJ
98-82-8	Isopropylbenzene	ND	1.1	0.12	U	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	0.35	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.29	U	UJ
79-20-9	Methyl Acetate	ND	4.3	1.0	U	UJ
110-82-7	Cyclohexane	ND	11	0.59	U	UJ
123-91-1	1,4-Dioxane	ND	87	38.	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A23
 Sample Amount : 5.2 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 17:41
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
76-13-1	Freon-113	ND	4.3	0.75	U	UJ
108-87-2	Methyl cyclohexane	ND	4.3	0.65	U	UJ



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18R
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N09
 Sample Amount : 4.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 22:44
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.1	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.33	U
127-18-4	Tetrachloroethene	ND	0.61	0.24	U
108-90-7	Chlorobenzene	ND	0.61	0.16	U
75-69-4	Trichlorofluoromethane	ND	4.9	0.85	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.61	0.20	U
75-27-4	Bromodichloromethane	ND	0.61	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.61	0.19	U
75-25-2	Bromoform	ND	4.9	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.61	0.20	U
71-43-2	Benzene	ND	0.61	0.20	U
108-88-3	Toluene	ND	1.2	0.66	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.9	1.1	U
74-83-9	Bromomethane	ND	2.4	0.71	U UJ
75-01-4	Vinyl chloride	ND	1.2	0.41	U UJ
75-00-3	Chloroethane	ND	2.4	0.55	U UJ
75-35-4	1,1-Dichloroethene	ND	1.2	0.29	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18R
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N09
 Sample Amount : 4.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 22:44
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.17	U
79-01-6	Trichloroethene	ND	0.61	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.68	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	38	12	5.9	J+
75-15-0	Carbon disulfide	ND	12	5.6	U
78-93-3	2-Butanone	5.2	12	2.7	J J+
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.4	U
74-97-5	Bromochloromethane	ND	2.4	0.25	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.4	0.39	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.33	U
79-20-9	Methyl Acetate	ND	4.9	1.2	U
110-82-7	Cyclohexane	ND	12	0.66	U
123-91-1	1,4-Dioxane	ND	98	43.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18R
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616N09
 Sample Amount : 4.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/16/21 22:44
 Dilution Factor : 1
 Analyst : JC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.9	0.85	U
108-87-2	Methyl cyclohexane	ND	4.9	0.74	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N12
 Sample Amount : 7.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 20:44
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.1	1.9	U
75-34-3	1,1-Dichloroethane	ND	0.81	0.12	U
67-66-3	Chloroform	ND	1.2	0.11	U
56-23-5	Carbon tetrachloride	ND	0.81	0.19	U
78-87-5	1,2-Dichloropropane	ND	0.81	0.10	U
124-48-1	Dibromochloromethane	ND	0.81	0.11	U
79-00-5	1,1,2-Trichloroethane	ND	0.81	0.22	U
127-18-4	Tetrachloroethene	ND	0.41	0.16	U
108-90-7	Chlorobenzene	ND	0.41	0.10	U
75-69-4	Trichlorofluoromethane	ND	3.2	0.57	U
107-06-2	1,2-Dichloroethane	ND	0.81	0.21	U
71-55-6	1,1,1-Trichloroethane	ND	0.41	0.14	U
75-27-4	Bromodichloromethane	ND	0.41	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.81	0.22	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.41	0.13	U
75-25-2	Bromoform	ND	3.2	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.41	0.14	U
71-43-2	Benzene	ND	0.41	0.14	U
108-88-3	Toluene	ND	0.81	0.44	U
100-41-4	Ethylbenzene	ND	0.81	0.11	U
74-87-3	Chloromethane	ND	3.2	0.76	U
74-83-9	Bromomethane	ND	1.6	0.47	U
75-01-4	Vinyl chloride	ND	0.81	0.27	U
75-00-3	Chloroethane	ND	1.6	0.37	U
75-35-4	1,1-Dichloroethene	ND	0.81	0.19	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N12
 Sample Amount : 7.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 20:44
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.11	U
79-01-6	Trichloroethene	ND	0.41	0.11	U
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.14	U
1634-04-4	Methyl tert butyl ether	ND	1.6	0.16	U
179601-23-1	p/m-Xylene	ND	1.6	0.46	U
95-47-6	o-Xylene	ND	0.81	0.24	U
156-59-2	cis-1,2-Dichloroethene	ND	0.81	0.14	U
100-42-5	Styrene	ND	0.81	0.16	U
75-71-8	Dichlorodifluoromethane	ND	8.1	0.74	U
67-64-1	Acetone	ND	8.1	3.9	U
75-15-0	Carbon disulfide	ND	8.1	3.7	U
78-93-3	2-Butanone	ND	8.1	1.8	U
108-10-1	4-Methyl-2-pentanone	ND	8.1	1.0	U
591-78-6	2-Hexanone	ND	8.1	0.96	U
74-97-5	Bromochloromethane	ND	1.6	0.17	U
106-93-4	1,2-Dibromoethane	ND	0.81	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	0.81	U
98-82-8	Isopropylbenzene	ND	0.81	0.09	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.6	0.26	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.6	0.22	U
79-20-9	Methyl Acetate	ND	3.2	0.77	U
110-82-7	Cyclohexane	ND	8.1	0.44	U
123-91-1	1,4-Dioxane	ND	65	28.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N12
 Sample Amount : 7.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 20:44
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	3.2	0.56	U
108-87-2	Methyl cyclohexane	ND	3.2	0.49	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N13
 Sample Amount : 4.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 21:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.3	2.9	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.18	U
67-66-3	Chloroform	ND	1.9	0.18	U
56-23-5	Carbon tetrachloride	ND	1.3	0.29	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.16	U
124-48-1	Dibromochloromethane	ND	1.3	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.34	U
127-18-4	Tetrachloroethene	ND	0.63	0.25	U
108-90-7	Chlorobenzene	ND	0.63	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.0	0.88	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.32	U
71-55-6	1,1,1-Trichloroethane	ND	0.63	0.21	U
75-27-4	Bromodichloromethane	ND	0.63	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.34	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.63	0.20	U
75-25-2	Bromoform	ND	5.0	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.63	0.21	U
71-43-2	Benzene	ND	0.63	0.21	U
108-88-3	Toluene	ND	1.3	0.68	U
100-41-4	Ethylbenzene	ND	1.3	0.18	U
74-87-3	Chloromethane	ND	5.0	1.2	U
74-83-9	Bromomethane	ND	2.5	0.73	U
75-01-4	Vinyl chloride	ND	1.3	0.42	U
75-00-3	Chloroethane	ND	2.5	0.57	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.30	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N13
 Sample Amount : 4.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 21:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.17	U
79-01-6	Trichloroethene	ND	0.63	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.22	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.25	U
179601-23-1	p/m-Xylene	ND	2.5	0.71	U
95-47-6	o-Xylene	ND	1.3	0.37	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.22	U
100-42-5	Styrene	ND	1.3	0.25	U
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	8.6	13	6.1	J
75-15-0	Carbon disulfide	ND	13	5.7	U
78-93-3	2-Butanone	ND	13	2.8	U
108-10-1	4-Methyl-2-pentanone	ND	13	1.6	U
591-78-6	2-Hexanone	ND	13	1.5	U
74-97-5	Bromochloromethane	ND	2.5	0.26	U
106-93-4	1,2-Dibromoethane	ND	1.3	0.35	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	1.2	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.41	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
79-20-9	Methyl Acetate	ND	5.0	1.2	U
110-82-7	Cyclohexane	ND	13	0.69	U
123-91-1	1,4-Dioxane	ND	100	44.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N13
 Sample Amount : 4.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 21:10
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 86
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	5.0	0.87	U
108-87-2	Methyl cyclohexane	ND	5.0	0.76	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N14
 Sample Amount : 5.2 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 21:36
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.9	2.7	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.8	0.16	U
56-23-5	Carbon tetrachloride	ND	1.2	0.27	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.31	U
127-18-4	Tetrachloroethene	ND	0.59	0.23	U
108-90-7	Chlorobenzene	ND	0.59	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.7	0.82	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.30	U
71-55-6	1,1,1-Trichloroethane	ND	0.59	0.20	U
75-27-4	Bromodichloromethane	ND	0.59	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.32	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.59	0.19	U
75-25-2	Bromoform	ND	4.7	0.29	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.59	0.20	U
71-43-2	Benzene	ND	0.59	0.20	U
108-88-3	Toluene	ND	1.2	0.64	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.7	1.1	U
74-83-9	Bromomethane	ND	2.4	0.68	U
75-01-4	Vinyl chloride	ND	1.2	0.39	U
75-00-3	Chloroethane	ND	2.4	0.53	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.28	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N14
 Sample Amount : 5.2 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 21:36
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U
79-01-6	Trichloroethene	ND	0.59	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.66	U
95-47-6	o-Xylene	ND	1.2	0.34	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.23	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	17	12	5.7	
75-15-0	Carbon disulfide	ND	12	5.4	U
78-93-3	2-Butanone	ND	12	2.6	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U
74-97-5	Bromochloromethane	ND	2.4	0.24	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.33	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.5	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.4	0.38	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.32	U
79-20-9	Methyl Acetate	ND	4.7	1.1	U
110-82-7	Cyclohexane	ND	12	0.64	U
123-91-1	1,4-Dioxane	ND	94	41.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N14
 Sample Amount : 5.2 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/17/21 21:36
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.7	0.82	U
108-87-2	Methyl cyclohexane	ND	4.7	0.71	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-01
 Sample Amount : 30.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 01:04
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	170	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-01
 Sample Amount : 30.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 01:04
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	28.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	76.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-01
 Sample Amount : 30.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 01:04
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	69.	U
100-02-7	4-Nitrophenol	ND	260	75.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-01
 Sample Amount : 30.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 01:04
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U

Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-02
 Sample Amount : 30.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 04:11
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-02
 Sample Amount : 30.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 04:11
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	150	47.	U
205-99-2	Benzo(b)fluoranthene	ND	120	32.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	150	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	150	23.	U
86-73-7	Fluorene	ND	190	19.	U
85-01-8	Phenanthrene	ND	120	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	440	45.	U
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	80.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-02
 Sample Amount : 30.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 04:11
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	29.	U
95-57-8	2-Chlorophenol	ND	190	23.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	63.	U
88-75-5	2-Nitrophenol	ND	420	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	920	90.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U
86-74-8	Carbazole	ND	190	19.	U
1912-24-9	Atrazine	ND	150	67.	U
100-52-7	Benzaldehyde	ND	250	52.	U
105-60-2	Caprolactam	ND	190	58.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-02
 Sample Amount : 30.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 04:11
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	39.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-03
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 00:41
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	170	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-03
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 00:41
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-03
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 00:41
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	36.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-03
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 00:41
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-04
 Sample Amount : 30.83 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:48
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	ND	110	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-04
 Sample Amount : 30.83 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:48
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	ND	110	32.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	20.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	37.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	19.	U
92-52-4	Biphenyl	ND	430	44.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	78.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-04
 Sample Amount : 30.83 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:48
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	410	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	900	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	ND	250	51.	U
105-60-2	Caprolactam	ND	190	57.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-04
 Sample Amount : 30.83 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:48
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-05
 Sample Amount : 30.06 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/19/21 23:31
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	180	23.	U
98-95-3	Nitrobenzene	ND	170	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-05
 Sample Amount : 30.06 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/19/21 23:31
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-05
 Sample Amount : 30.06 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/19/21 23:31
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	36.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-05
 Sample Amount : 30.06 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/19/21 23:31
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-06
 Sample Amount : 30.09 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:01
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	190	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-06
 Sample Amount : 30.09 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:01
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	35.	U
117-84-0	Di-n-octylphthalate	ND	190	63.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-06
 Sample Amount : 30.09 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:01
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	19.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	900	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	250	50.	U
105-60-2	Caprolactam	ND	190	57.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-06
 Sample Amount : 30.09 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:01
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-07
 Sample Amount : 30.99 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 01:28
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	190	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	64.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-07
 Sample Amount : 30.99 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 01:28
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	35.	U
117-84-0	Di-n-octylphthalate	ND	190	63.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-07
 Sample Amount : 30.99 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 01:28
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	19.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	190	57.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-07
 Sample Amount : 30.99 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 01:28
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-08
 Sample Amount : 30.5 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:25
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	140	19.	U
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	520	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	24.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	27.	U
86-30-6	NDPA/DPA	ND	140	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	63.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-08
 Sample Amount : 30.5 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:25
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	62.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	ND	110	20.	U
50-32-8	Benzo(a)pyrene	ND	140	44.	U
205-99-2	Benzo(b)fluoranthene	ND	110	30.	U
207-08-9	Benzo(k)fluoranthene	ND	110	29.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	140	28.	U
120-12-7	Anthracene	ND	110	35.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	410	42.	U
106-47-8	4-Chloroaniline	ND	180	33.	U
88-74-4	2-Nitroaniline	ND	180	35.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	75.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-08
 Sample Amount : 30.5 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:25
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	60.	U
88-75-5	2-Nitrophenol	ND	390	68.	U
100-02-7	4-Nitrophenol	ND	250	74.	U
51-28-5	2,4-Dinitrophenol	ND	870	84.	U
534-52-1	4,6-Dinitro-o-cresol	ND	470	87.	U
87-86-5	Pentachlorophenol	ND	140	40.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	140	63.	U
100-52-7	Benzaldehyde	ND	240	49.	U
105-60-2	Caprolactam	ND	180	55.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-08
 Sample Amount : 30.5 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 03:25
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U

Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-09
 Sample Amount : 30.03 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 00:18
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	140	18.	U
118-74-1	Hexachlorobenzene	ND	100	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	17.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U
121-14-2	2,4-Dinitrotoluene	ND	180	35.	U
606-20-2	2,6-Dinitrotoluene	ND	180	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	61.	U
85-68-7	Butyl benzyl phthalate	ND	180	44.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-09
 Sample Amount : 30.03 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 00:18
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	33.	U
117-84-0	Di-n-octylphthalate	ND	180	60.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	37.	U
56-55-3	Benzo(a)anthracene	ND	100	20.	U
50-32-8	Benzo(a)pyrene	ND	140	43.	U
205-99-2	Benzo(b)fluoranthene	ND	100	30.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	400	41.	U
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	33.	U
100-01-6	4-Nitroaniline	ND	180	73.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-09
 Sample Amount : 30.03 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 00:18
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	18.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	180	26.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	180	58.	U
88-75-5	2-Nitrophenol	ND	380	66.	U
100-02-7	4-Nitrophenol	ND	240	72.	U
51-28-5	2,4-Dinitrophenol	ND	840	82.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	84.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	26.	U
95-48-7	2-Methylphenol	ND	180	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U
86-74-8	Carbazole	ND	180	17.	U
1912-24-9	Atrazine	ND	140	61.	U
100-52-7	Benzaldehyde	ND	230	47.	U
105-60-2	Caprolactam	ND	180	53.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-09
 Sample Amount : 30.03 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 00:18
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	35.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-10
 Sample Amount : 30.43 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 02:38
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	160	24.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-10
 Sample Amount : 30.43 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 02:38
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	28.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	76.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-10
 Sample Amount : 30.43 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 02:38
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	160	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	69.	U
100-02-7	4-Nitrophenol	ND	260	75.	U
51-28-5	2,4-Dinitrophenol	ND	880	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	88.	U
87-86-5	Pentachlorophenol	ND	150	40.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	150	64.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-10
 Sample Amount : 30.43 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/20/21 02:38
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-11
 Sample Amount : 30.04 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 09:59
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : IM
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	52	170	22.	J
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	57.	U
121-14-2	2,4-Dinitrotoluene	ND	210	43.	U
606-20-2	2,6-Dinitrotoluene	ND	210	37.	U
206-44-0	Fluoranthene	1200	130	25.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	22.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	610	190	U R
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	27	210	26.	J
98-95-3	Nitrobenzene	ND	190	32.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	79	210	74.	J
85-68-7	Butyl benzyl phthalate	ND	210	54.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-11
 Sample Amount : 30.04 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 09:59
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : IM
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	210	41.	U
117-84-0	Di-n-octylphthalate	ND	210	73.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	45.	U
56-55-3	Benzo(a)anthracene	670	130	24.	
50-32-8	Benzo(a)pyrene	700	170	52.	
205-99-2	Benzo(b)fluoranthene	1000	130	36.	
207-08-9	Benzo(k)fluoranthene	300	130	34.	
218-01-9	Chrysene	680	130	22.	
208-96-8	Acenaphthylene	35	170	33.	J
120-12-7	Anthracene	150	130	42.	
191-24-2	Benzo(ghi)perylene	440	170	25.	
86-73-7	Fluorene	41	210	21.	J
85-01-8	Phenanthrene	570	130	26.	
53-70-3	Dibenzo(a,h)anthracene	110	130	25.	J
193-39-5	Indeno(1,2,3-cd)pyrene	470	170	30.	
129-00-0	Pyrene	960	130	21.	
92-52-4	Biphenyl	ND	490	50.	U
106-47-8	4-Chloroaniline	ND	210	39.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	89.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-11
 Sample Amount : 30.04 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 09:59
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : IM
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	23	210	20.	J
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	210	32.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	71.	U
88-75-5	2-Nitrophenol	ND	460	81.	U
100-02-7	4-Nitrophenol	ND	300	88.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U R
534-52-1	4,6-Dinitro-o-cresol	ND	560	100	U R
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	41.	U
86-74-8	Carbazole	100	210	21.	J
1912-24-9	Atrazine	ND	170	75.	U
100-52-7	Benzaldehyde	ND	280	58.	U
105-60-2	Caprolactam	ND	210	65.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-11
 Sample Amount : 30.04 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 09:59
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : IM
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-12
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 07:18
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	1000	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	170	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	240	180	64.	
85-68-7	Butyl benzyl phthalate	ND	180	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-12
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 07:18
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	600	110	21.	
50-32-8	Benzo(a)pyrene	670	150	45.	
205-99-2	Benzo(b)fluoranthene	980	110	31.	
207-08-9	Benzo(k)fluoranthene	340	110	30.	
218-01-9	Chrysene	660	110	19.	
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	83	110	36.	J
191-24-2	Benzo(ghi)perylene	410	150	22.	
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	330	110	22.	
53-70-3	Dibenzo(a,h)anthracene	89	110	21.	J
193-39-5	Indeno(1,2,3-cd)pyrene	460	150	26.	
129-00-0	Pyrene	840	110	18.	
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-12
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 07:18
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	36.	U
86-74-8	Carbazole	49	180	18.	J
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-12
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 07:18
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-13
 Sample Amount : 30.64 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:08
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	30	160	20.	J
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	26.	U
91-58-7	2-Chloronaphthalene	ND	200	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U
606-20-2	2,6-Dinitrotoluene	ND	200	33.	U
206-44-0	Fluoranthene	1700	120	22.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	25.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	130	200	68.	J
85-68-7	Butyl benzyl phthalate	76	200	49.	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-13
 Sample Amount : 30.64 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:08
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	66.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	680	120	22.	
50-32-8	Benzo(a)pyrene	700	160	48.	
205-99-2	Benzo(b)fluoranthene	940	120	33.	
207-08-9	Benzo(k)fluoranthene	350	120	31.	
218-01-9	Chrysene	730	120	20.	
208-96-8	Acenaphthylene	64	160	30.	J
120-12-7	Anthracene	130	120	38.	
191-24-2	Benzo(ghi)perylene	480	160	23.	
86-73-7	Fluorene	77	200	19.	J
85-01-8	Phenanthrene	840	120	24.	
53-70-3	Dibenzo(a,h)anthracene	100	120	22.	J
193-39-5	Indeno(1,2,3-cd)pyrene	530	160	27.	
129-00-0	Pyrene	1300	120	19.	
92-52-4	Biphenyl	ND	440	45.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	81.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-13
 Sample Amount : 30.64 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:08
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	27	200	18.	J
91-57-6	2-Methylnaphthalene	ND	230	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	20.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	31.	U
105-67-9	2,4-Dimethylphenol	ND	200	64.	U
88-75-5	2-Nitrophenol	ND	420	73.	U
100-02-7	4-Nitrophenol	ND	270	80.	U
51-28-5	2,4-Dinitrophenol	ND	940	91.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	94.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	29.	U
95-48-7	2-Methylphenol	ND	200	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	37.	U
86-74-8	Carbazole	91	200	19.	J
1912-24-9	Atrazine	ND	160	68.	U
100-52-7	Benzaldehyde	ND	260	53.	U
105-60-2	Caprolactam	ND	200	59.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-13
 Sample Amount : 30.64 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:08
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	39.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-14
 Sample Amount : 30.91 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:55
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	35	150	19.	J
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	190	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	1200	110	22.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	30	190	23.	J
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	330	190	47.	



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-14
 Sample Amount : 30.91 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:55
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	660	110	21.	
50-32-8	Benzo(a)pyrene	670	150	46.	
205-99-2	Benzo(b)fluoranthene	1000	110	32.	
207-08-9	Benzo(k)fluoranthene	270	110	30.	
218-01-9	Chrysene	660	110	19.	
208-96-8	Acenaphthylene	65	150	29.	J
120-12-7	Anthracene	140	110	36.	
191-24-2	Benzo(ghi)perylene	470	150	22.	
86-73-7	Fluorene	50	190	18.	J
85-01-8	Phenanthrene	580	110	23.	
53-70-3	Dibenzo(a,h)anthracene	100	110	22.	J
193-39-5	Indeno(1,2,3-cd)pyrene	500	150	26.	
129-00-0	Pyrene	1000	110	19.	
92-52-4	Biphenyl	ND	430	43.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	78.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-14
 Sample Amount : 30.91 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:55
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	25	190	18.	J
91-57-6	2-Methylnaphthalene	ND	220	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	900	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	82	190	18.	J
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	140	250	51.	J
105-60-2	Caprolactam	ND	190	57.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-14
 Sample Amount : 30.91 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:55
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-15
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 02:15
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 93
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	140	18.	U
118-74-1	Hexachlorobenzene	ND	100	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	17.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U
121-14-2	2,4-Dinitrotoluene	ND	180	35.	U
606-20-2	2,6-Dinitrotoluene	ND	180	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	61.	U
85-68-7	Butyl benzyl phthalate	ND	180	44.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-15
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 02:15
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 93
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	33.	U
117-84-0	Di-n-octylphthalate	ND	180	60.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	37.	U
56-55-3	Benzo(a)anthracene	ND	100	20.	U
50-32-8	Benzo(a)pyrene	ND	140	43.	U
205-99-2	Benzo(b)fluoranthene	ND	100	30.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	400	41.	U
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	33.	U
100-01-6	4-Nitroaniline	ND	180	73.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-15
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 02:15
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 93
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	18.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	180	26.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	180	58.	U
88-75-5	2-Nitrophenol	ND	380	66.	U
100-02-7	4-Nitrophenol	ND	240	72.	U
51-28-5	2,4-Dinitrophenol	ND	840	82.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	84.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	26.	U
95-48-7	2-Methylphenol	ND	180	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U
86-74-8	Carbazole	ND	180	17.	U
1912-24-9	Atrazine	ND	140	61.	U
100-52-7	Benzaldehyde	ND	230	47.	U
105-60-2	Caprolactam	ND	180	53.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-15
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 02:15
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 93
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	35.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-16
 Sample Amount : 30.04 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 05:21
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	29	110	22.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-16
 Sample Amount : 30.04 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 05:21
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	ND	110	32.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	20.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	37.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	23	110	19.	J
92-52-4	Biphenyl	ND	430	44.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	78.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-16
 Sample Amount : 30.04 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 05:21
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	410	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	900	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	ND	250	51.	U
105-60-2	Caprolactam	ND	190	57.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-16
 Sample Amount : 30.04 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 05:21
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-17
 Sample Amount : 30.46 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 04:58
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	180	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-17
 Sample Amount : 30.46 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 04:58
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	19	110	18.	J
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-17
 Sample Amount : 30.46 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 04:58
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	36.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-17
 Sample Amount : 30.46 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 04:58
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	38.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-18
 Sample Amount : 30.63 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 04:35
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	93	110	21.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	170	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-18
 Sample Amount : 30.63 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 04:35
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	50	110	21.	J
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	59	110	31.	J
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	43	110	19.	J
208-96-8	Acenaphthylene	ND	150	28.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	23	150	22.	J
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	65	110	22.	J
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	26	150	26.	J
129-00-0	Pyrene	76	110	18.	J
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	76.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-18
 Sample Amount : 30.63 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 04:35
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	69.	U
100-02-7	4-Nitrophenol	ND	260	75.	U
51-28-5	2,4-Dinitrophenol	ND	880	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	88.	U
87-86-5	Pentachlorophenol	ND	150	40.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	150	64.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-18
 Sample Amount : 30.63 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 04:35
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-19
 Sample Amount : 30.78 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/19/21 23:54
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	160	24.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-19
 Sample Amount : 30.78 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/19/21 23:54
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	62.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	29.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	28.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	43.	U
106-47-8	4-Chloroaniline	ND	180	33.	U
88-74-4	2-Nitroaniline	ND	180	35.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	76.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-19
 Sample Amount : 30.78 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/19/21 23:54
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	160	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	69.	U
100-02-7	4-Nitrophenol	ND	260	75.	U
51-28-5	2,4-Dinitrophenol	ND	880	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	88.	U
87-86-5	Pentachlorophenol	ND	150	40.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	150	64.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-19
 Sample Amount : 30.78 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/19/21 23:54
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-20
 Sample Amount : 30 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 01:51
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	39.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	32	120	22.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	180	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	24.	U
98-95-3	Nitrobenzene	ND	170	29.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	67.	U
85-68-7	Butyl benzyl phthalate	ND	190	49.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-20
 Sample Amount : 30 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 01:51
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	37.	U
117-84-0	Di-n-octylphthalate	ND	190	66.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	41.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	150	47.	U
205-99-2	Benzo(b)fluoranthene	ND	120	32.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	150	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	150	23.	U
86-73-7	Fluorene	ND	190	19.	U
85-01-8	Phenanthrene	46	120	24.	J
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	24	120	19.	J
92-52-4	Biphenyl	ND	440	45.	U
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	80.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-20
 Sample Amount : 30 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 01:51
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	190	29.	U
95-57-8	2-Chlorophenol	ND	190	23.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	64.	U
88-75-5	2-Nitrophenol	ND	420	73.	U
100-02-7	4-Nitrophenol	ND	270	79.	U
51-28-5	2,4-Dinitrophenol	ND	930	90.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	93.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U
86-74-8	Carbazole	ND	190	19.	U
1912-24-9	Atrazine	ND	150	68.	U
100-52-7	Benzaldehyde	ND	260	52.	U
105-60-2	Caprolactam	ND	190	59.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-20
 Sample Amount : 30 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 01:51
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	39.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-21
 Sample Amount : 30.12 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:31
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	37	160	21.	J
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	28.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	54.	U
121-14-2	2,4-Dinitrotoluene	ND	200	41.	U
606-20-2	2,6-Dinitrotoluene	ND	200	35.	U
206-44-0	Fluoranthene	1100	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	590	180	U
67-72-1	Hexachloroethane	ND	160	33.	U
78-59-1	Isophorone	ND	180	27.	U
91-20-3	Naphthalene	ND	200	25.	U
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	90	200	71.	J
85-68-7	Butyl benzyl phthalate	ND	200	52.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-21
 Sample Amount : 30.12 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:31
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	39.	U
117-84-0	Di-n-octylphthalate	ND	200	70.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	43.	U
56-55-3	Benzo(a)anthracene	620	120	23.	
50-32-8	Benzo(a)pyrene	650	160	50.	
205-99-2	Benzo(b)fluoranthene	950	120	34.	
207-08-9	Benzo(k)fluoranthene	270	120	33.	
218-01-9	Chrysene	630	120	21.	
208-96-8	Acenaphthylene	ND	160	32.	U
120-12-7	Anthracene	110	120	40.	J
191-24-2	Benzo(ghi)perylene	470	160	24.	
86-73-7	Fluorene	32	200	20.	J
85-01-8	Phenanthrene	460	120	25.	
53-70-3	Dibenzo(a,h)anthracene	100	120	24.	J
193-39-5	Indeno(1,2,3-cd)pyrene	490	160	28.	
129-00-0	Pyrene	910	120	20.	
92-52-4	Biphenyl	ND	470	48.	U
106-47-8	4-Chloroaniline	ND	200	37.	U
88-74-4	2-Nitroaniline	ND	200	40.	U
99-09-2	3-Nitroaniline	ND	200	39.	U
100-01-6	4-Nitroaniline	ND	200	85.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-21
 Sample Amount : 30.12 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:31
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	19	200	19.	J
91-57-6	2-Methylnaphthalene	ND	240	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	33.	U
105-67-9	2,4-Dimethylphenol	ND	200	68.	U
88-75-5	2-Nitrophenol	ND	440	77.	U
100-02-7	4-Nitrophenol	ND	290	84.	U
51-28-5	2,4-Dinitrophenol	ND	980	96.	U
534-52-1	4,6-Dinitro-o-cresol	ND	530	98.	U
87-86-5	Pentachlorophenol	ND	160	45.	U
108-95-2	Phenol	ND	200	31.	U
95-48-7	2-Methylphenol	ND	200	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	39.	U
86-74-8	Carbazole	70	200	20.	J
1912-24-9	Atrazine	ND	160	72.	U
100-52-7	Benzaldehyde	ND	270	55.	U
105-60-2	Caprolactam	ND	200	62.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 31407-21
 Sample Amount : 30.12 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 06:31
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : ALS
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42439
 Sample Amount : 4.3 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 23:17
 Date Extracted : 06/15/21
 Dilution Factor : 1
 Analyst : SG
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 95
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.491	0.022	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.491	0.045	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.245	0.038	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.491	0.052	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.245	0.044	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.245	0.059	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.245	0.041	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.491	0.176	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.491	0.134	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.245	0.074	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.245	0.128	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.245	0.066	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.491	0.282	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.491	0.198	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.491	0.046	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.491	0.150	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.491	0.096	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.491	0.083	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42439
 Sample Amount : 4.3 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 23:17
 Date Extracted : 06/15/21
 Dilution Factor : 1
 Analyst : SG
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 95
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.491	0.069	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.491	0.201	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.491	0.053	U
NONE	PFOA/PFOS, Total	ND	0.245	0.041	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42441
 Sample Amount : 4.27 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 23:50
 Date Extracted : 06/15/21
 Dilution Factor : 1
 Analyst : SG
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.526	0.024	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.526	0.048	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.263	0.041	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.526	0.055	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.263	0.047	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.263	0.064	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.263	0.044	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.526	0.189	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.526	0.144	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.263	0.079	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.263	0.137	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.263	0.070	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.526	0.302	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.526	0.212	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.526	0.049	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.526	0.161	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.526	0.089	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.526	0.074	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42441
 Sample Amount : 4.27 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 23:50
 Date Extracted : 06/15/21
 Dilution Factor : 1
 Analyst : SG
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.526	0.215	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.526	0.057	U
NONE	PFOA/PFOS, Total	ND	0.263	0.044	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00474
 Sample Amount : 4.27 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 15:07
 Date Extracted : 06/15/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.526	0.103	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42356
 Sample Amount : 4.29 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 00:33
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.602	0.027	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.602	0.055	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.301	0.047	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.075	0.602	0.063	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.301	0.054	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.301	0.073	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.077	0.301	0.050	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.602	0.216	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.602	0.164	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.301	0.090	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.404	0.301	0.156	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.175	0.301	0.081	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.602	0.345	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.602	0.242	U UJ
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.127	0.602	0.056	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.602	0.184	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.197	0.602	0.102	J
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.123	0.602	0.084	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42356
 Sample Amount : 4.29 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 00:33
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.602	0.246	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	0.078	0.602	0.065	J
NONE	PFOA/PFOS, Total	0.481	0.301	0.050	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00431
 Sample Amount : 4.29 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 17:56
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.602	0.118	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42359
 Sample Amount : 4.44 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 01:22
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.144	0.539	0.025	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.232	0.539	0.050	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.269	0.042	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.227	0.539	0.057	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.087	0.269	0.049	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.176	0.269	0.065	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.251	0.269	0.045	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.539	0.193	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.539	0.147	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.124	0.269	0.081	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.91	0.269	0.140	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.288	0.269	0.072	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.539	0.309	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.503	0.539	0.217	J J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.293	0.539	0.050	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	2.72	0.539	0.165	
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.616	0.539	0.091	
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.250	0.539	0.075	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42359
 Sample Amount : 4.44 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 01:22
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.539	0.220	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	0.109	0.539	0.058	J
NONE	PFOA/PFOS, Total	3.16	0.269	0.045	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00434
 Sample Amount : 4.44 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:17
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.539	0.106	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42360
 Sample Amount : 4.55 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 01:39
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 93
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.475	0.022	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.475	0.044	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.237	0.037	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.475	0.050	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.237	0.043	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.237	0.057	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.237	0.040	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.475	0.170	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.475	0.130	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.237	0.071	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.237	0.123	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.237	0.064	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.475	0.272	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.228	0.475	0.191	J J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.475	0.044	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.475	0.145	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.475	0.080	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.475	0.066	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42360
 Sample Amount : 4.55 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 01:39
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 93
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.475	0.194	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.475	0.051	U
NONE	PFOA/PFOS, Total	ND	0.237	0.040	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00435
 Sample Amount : 4.55 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:24
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 93
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.475	0.093	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42361
 Sample Amount : 4.12 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 01:56
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.550	0.025	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.550	0.051	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.275	0.043	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.550	0.058	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.275	0.050	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.275	0.067	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.275	0.046	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.550	0.197	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.550	0.150	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.275	0.083	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.275	0.143	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.275	0.074	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.550	0.316	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.328	0.550	0.222	J J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.550	0.051	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.550	0.168	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.550	0.093	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.550	0.077	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42361
 Sample Amount : 4.12 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 01:56
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.550	0.225	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.550	0.059	U
NONE	PFOA/PFOS, Total	ND	0.275	0.046	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00436
 Sample Amount : 4.12 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:32
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.550	0.108	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42362
 Sample Amount : 4.19 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 02:12
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.540	0.025	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.540	0.050	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.270	0.042	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.540	0.057	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.270	0.049	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.270	0.065	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.270	0.045	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.540	0.194	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.540	0.148	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.270	0.081	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.270	0.140	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.270	0.072	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.540	0.310	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.342	0.540	0.218	JF J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.540	0.051	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.540	0.165	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.540	0.091	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.540	0.076	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42362
 Sample Amount : 4.19 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 02:12
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.540	0.221	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.540	0.058	U
NONE	PFOA/PFOS, Total	ND	0.270	0.045	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00437
 Sample Amount : 4.19 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:39
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.540	0.106	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42363
 Sample Amount : 4.43 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 02:29
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier	
		Results	RL	MDL		
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.510	0.023	U	UJ
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.510	0.047	U	UJ
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.255	0.040	U	UJ
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.510	0.054	U	UJ
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.255	0.046	U	UJ
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.255	0.062	U	UJ
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.255	0.043	U	UJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.510	0.183	U	UJ
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.510	0.139	U	UJ
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.255	0.077	U	UJ
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.255	0.133	U	UJ
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.255	0.068	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.510	0.293	U	UJ
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.355	0.510	0.206	JF	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.510	0.048	U	UJ
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.510	0.156	U	
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.510	0.086	U	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.510	0.071	U	



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42363
 Sample Amount : 4.43 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 02:29
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.510	0.209	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.510	0.055	U
NONE	PFOA/PFOS, Total	ND	0.255	0.043	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00438
 Sample Amount : 4.43 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:46
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.510	0.100	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42364
 Sample Amount : 4.09 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 02:45
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.554	0.025	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.554	0.051	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.277	0.043	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.554	0.058	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.277	0.050	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.277	0.067	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.277	0.046	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.554	0.199	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.554	0.151	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.277	0.083	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.277	0.144	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.277	0.074	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.554	0.318	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.554	0.223	U UJ
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.554	0.052	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.554	0.169	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.554	0.094	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.554	0.078	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42364
 Sample Amount : 4.09 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 02:45
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.554	0.226	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.554	0.060	U
NONE	PFOA/PFOS, Total	ND	0.277	0.046	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00439
 Sample Amount : 4.09 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:53
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.554	0.108	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42365
 Sample Amount : 4.26 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 03:02
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier	
		Results	RL	MDL		
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.545	0.025	U	UJ
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.545	0.050	U	UJ
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.273	0.043	U	
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.545	0.057	U	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.273	0.049	U	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.273	0.066	U	
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.273	0.046	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.545	0.196	U	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.545	0.149	U	
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.273	0.082	U	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.273	0.142	U	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.273	0.073	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.545	0.313	U	
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.545	0.220	U	UJ
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.545	0.051	U	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.545	0.167	U	
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.102	0.545	0.092	J	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.545	0.076	U	



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42365
 Sample Amount : 4.26 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 03:02
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.545	0.223	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.545	0.059	U
NONE	PFOA/PFOS, Total	ND	0.273	0.046	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00440
 Sample Amount : 4.26 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 19:01
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.545	0.107	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42366
 Sample Amount : 4.35 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 03:18
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 81
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.568	0.026	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.568	0.052	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.284	0.044	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.066	0.568	0.060	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.284	0.051	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.284	0.069	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.284	0.048	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.568	0.204	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.568	0.155	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.284	0.085	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.284	0.148	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.284	0.076	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.568	0.326	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	0.568	0.229	U UJ
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.060	0.568	0.053	J
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.568	0.174	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.107	0.568	0.096	JF
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.081	0.568	0.080	JF



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : I42366
 Sample Amount : 4.35 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/14/21 03:18
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : HT
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 81
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.568	0.232	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.568	0.061	U
NONE	PFOA/PFOS, Total	ND	0.284	0.048	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 134,LCMSMS-ID
 Lab File ID : M00441
 Sample Amount : 4.35 g
 Extraction Method : ALPHA 23528
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 19:08
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : MP
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : 81
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.568	0.111	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-26
 Sample Amount : 30.69 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 15:55
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	183	11.6	U
93-76-5	2,4,5-T	ND	183	5.69	U
93-72-1	2,4,5-TP (Silvex)	ND	183	4.88	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-08
 Sample Amount : 30.41 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 10:27
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	194	12.2	U
93-76-5	2,4,5-T	ND	194	6.02	U
93-72-1	2,4,5-TP (Silvex)	ND	194	5.17	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-09
 Sample Amount : 30.66 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 10:45
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	183	11.5	U
93-76-5	2,4,5-T	ND	183	5.67	U
93-72-1	2,4,5-TP (Silvex)	ND	183	4.87	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-10
 Sample Amount : 30.77 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 11:03
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	189	11.9	U
93-76-5	2,4,5-T	ND	189	5.86	U
93-72-1	2,4,5-TP (Silvex)	ND	189	5.03	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-11
 Sample Amount : 30.38 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 11:22
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	184	11.6	U
93-76-5	2,4,5-T	ND	184	5.69	U
93-72-1	2,4,5-TP (Silvex)	ND	184	4.89	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-12
 Sample Amount : 30.24 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 11:40
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	186	11.7	U
93-76-5	2,4,5-T	ND	186	5.76	U
93-72-1	2,4,5-TP (Silvex)	ND	186	4.94	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-13
 Sample Amount : 30.94 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 11:58
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	187	11.8	U
93-76-5	2,4,5-T	ND	187	5.78	U
93-72-1	2,4,5-TP (Silvex)	ND	187	4.96	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-15
 Sample Amount : 30.27 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 12:35
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	183	11.5	U
93-76-5	2,4,5-T	ND	183	5.66	U
93-72-1	2,4,5-TP (Silvex)	ND	183	4.86	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-16
 Sample Amount : 30.48 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 12:53
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	173	10.9	U
93-76-5	2,4,5-T	ND	173	5.36	U
93-72-1	2,4,5-TP (Silvex)	ND	173	4.60	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 22210615a-17
 Sample Amount : 30.89 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/15/21 13:11
 Date Extracted : 06/12/21
 Dilution Factor : 1
 Analyst : AR
 Instrument ID : PEST22
 GC Column : STX-CLP1
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	182	11.4	U
93-76-5	2,4,5-T	ND	182	5.63	U
93-72-1	2,4,5-TP (Silvex)	ND	182	4.83	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-26
 Sample Amount : 30.28 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 15:00
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	213	13.4	U
93-76-5	2,4,5-T	ND	213	6.60	U
93-72-1	2,4,5-TP (Silvex)	ND	213	5.67	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-29
 Sample Amount : 30.32 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 15:56
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	185	11.7	U
93-76-5	2,4,5-T	ND	185	5.75	U
93-72-1	2,4,5-TP (Silvex)	ND	185	4.93	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-30
 Sample Amount : 30.65 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 16:14
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	195	12.3	U
93-76-5	2,4,5-T	ND	195	6.05	U
93-72-1	2,4,5-TP (Silvex)	ND	195	5.19	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-31
 Sample Amount : 30.71 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 16:32
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	189	11.9	U
93-76-5	2,4,5-T	ND	189	5.85	U
93-72-1	2,4,5-TP (Silvex)	ND	189	5.02	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-32
 Sample Amount : 30.04 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 16:51
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 93
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	180	11.3	U
93-76-5	2,4,5-T	ND	180	5.57	U
93-72-1	2,4,5-TP (Silvex)	ND	180	4.78	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-34
 Sample Amount : 30.4 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 17:28
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	186	11.7	U
93-76-5	2,4,5-T	ND	186	5.77	U
93-72-1	2,4,5-TP (Silvex)	ND	186	4.95	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-35
 Sample Amount : 30.16 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 17:46
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	188	11.8	U
93-76-5	2,4,5-T	ND	188	5.82	U
93-72-1	2,4,5-TP (Silvex)	ND	188	4.99	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-36
 Sample Amount : 30.81 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:04
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	183	11.6	U
93-76-5	2,4,5-T	ND	183	5.68	U
93-72-1	2,4,5-TP (Silvex)	ND	183	4.88	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-37
 Sample Amount : 30.4 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:23
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	186	11.7	U
93-76-5	2,4,5-T	ND	186	5.77	U
93-72-1	2,4,5-TP (Silvex)	ND	186	4.95	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-38
 Sample Amount : 30.07 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 18:41
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	193	12.2	U
93-76-5	2,4,5-T	ND	193	5.99	U
93-72-1	2,4,5-TP (Silvex)	ND	193	5.14	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17210615a-39
 Sample Amount : 30.45 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/15/21 19:00
 Date Extracted : 06/13/21
 Dilution Factor : 1
 Analyst : JMC
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	203	12.8	U
93-76-5	2,4,5-T	ND	203	6.28	U
93-72-1	2,4,5-TP (Silvex)	ND	203	5.39	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-56
 Sample Amount : 15.05 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 01:50
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	37.4	3.32	U
11104-28-2	Aroclor 1221	ND	37.4	3.75	U
11141-16-5	Aroclor 1232	ND	37.4	7.93	U
53469-21-9	Aroclor 1242	ND	37.4	5.04	U
12672-29-6	Aroclor 1248	ND	37.4	5.61	U
11097-69-1	Aroclor 1254	ND	37.4	4.09	U
11096-82-5	Aroclor 1260	ND	37.4	6.91	U
37324-23-5	Aroclor 1262	ND	37.4	4.75	U
11100-14-4	Aroclor 1268	ND	37.4	3.88	U
1336-36-3	PCBs, Total	ND	37.4	3.32	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-57
 Sample Amount : 15.47 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 01:59
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	38.2	3.39	U
11104-28-2	Aroclor 1221	ND	38.2	3.83	U
11141-16-5	Aroclor 1232	ND	38.2	8.10	U
53469-21-9	Aroclor 1242	ND	38.2	5.15	U
12672-29-6	Aroclor 1248	18.6	38.2	5.73	J
11097-69-1	Aroclor 1254	ND	38.2	4.18	U
11096-82-5	Aroclor 1260	ND	38.2	7.06	U
37324-23-5	Aroclor 1262	ND	38.2	4.85	U
11100-14-4	Aroclor 1268	ND	38.2	3.96	U
1336-36-3	PCBs, Total	18.6	38.2	3.39	J



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-58
 Sample Amount : 15.53 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:07
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	36.1	3.21	U
11104-28-2	Aroclor 1221	ND	36.1	3.62	U
11141-16-5	Aroclor 1232	ND	36.1	7.66	U
53469-21-9	Aroclor 1242	ND	36.1	4.87	U
12672-29-6	Aroclor 1248	ND	36.1	5.42	U
11097-69-1	Aroclor 1254	ND	36.1	3.95	U
11096-82-5	Aroclor 1260	ND	36.1	6.68	U
37324-23-5	Aroclor 1262	ND	36.1	4.59	U
11100-14-4	Aroclor 1268	ND	36.1	3.74	U
1336-36-3	PCBs, Total	ND	36.1	3.21	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-59
 Sample Amount : 15.31 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:15
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	38.0	3.37	U
11104-28-2	Aroclor 1221	ND	38.0	3.80	U
11141-16-5	Aroclor 1232	ND	38.0	8.05	U
53469-21-9	Aroclor 1242	ND	38.0	5.12	U
11097-69-1	Aroclor 1254	ND	38.0	4.15	U
11096-82-5	Aroclor 1260	ND	38.0	7.02	U
37324-23-5	Aroclor 1262	ND	38.0	4.82	U
11100-14-4	Aroclor 1268	ND	38.0	3.93	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-59
 Sample Amount : 15.31 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:15
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-PesticideII
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12672-29-6	Aroclor 1248	23.0	38.0	5.70	J
1336-36-3	PCBs, Total	23.0	38.0	3.37	J



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-60
 Sample Amount : 15.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:23
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	36.0	3.20	U
11104-28-2	Aroclor 1221	ND	36.0	3.61	U
11141-16-5	Aroclor 1232	ND	36.0	7.64	U
53469-21-9	Aroclor 1242	ND	36.0	4.86	U
11097-69-1	Aroclor 1254	ND	36.0	3.94	U
11096-82-5	Aroclor 1260	ND	36.0	6.66	U
37324-23-5	Aroclor 1262	ND	36.0	4.58	U
11100-14-4	Aroclor 1268	ND	36.0	3.73	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-60
 Sample Amount : 15.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:23
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-PesticideII
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12672-29-6	Aroclor 1248	ND	36.0	5.41	U
1336-36-3	PCBs, Total	ND	36.0	3.20	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-61
 Sample Amount : 15.14 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:32
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	37.1	3.30	U
11104-28-2	Aroclor 1221	ND	37.1	3.72	U
11141-16-5	Aroclor 1232	ND	37.1	7.87	U
53469-21-9	Aroclor 1242	ND	37.1	5.00	U
12672-29-6	Aroclor 1248	ND	37.1	5.57	U
11097-69-1	Aroclor 1254	ND	37.1	4.06	U
11096-82-5	Aroclor 1260	ND	37.1	6.86	U
37324-23-5	Aroclor 1262	ND	37.1	4.71	U
11100-14-4	Aroclor 1268	ND	37.1	3.84	U
1336-36-3	PCBs, Total	ND	37.1	3.30	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-62
 Sample Amount : 15.58 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:40
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	37.0	3.29	U
11104-28-2	Aroclor 1221	ND	37.0	3.71	U
11141-16-5	Aroclor 1232	ND	37.0	7.86	U
53469-21-9	Aroclor 1242	ND	37.0	5.00	U
12672-29-6	Aroclor 1248	ND	37.0	5.56	U
11097-69-1	Aroclor 1254	ND	37.0	4.05	U
11096-82-5	Aroclor 1260	ND	37.0	6.85	U
37324-23-5	Aroclor 1262	ND	37.0	4.71	U
11100-14-4	Aroclor 1268	ND	37.0	3.84	U
1336-36-3	PCBs, Total	ND	37.0	3.29	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-63
 Sample Amount : 15.37 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:48
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	36.0	3.20	U
11104-28-2	Aroclor 1221	ND	36.0	3.60	U
11141-16-5	Aroclor 1232	ND	36.0	7.63	U
53469-21-9	Aroclor 1242	ND	36.0	4.85	U
12672-29-6	Aroclor 1248	ND	36.0	5.40	U
11097-69-1	Aroclor 1254	ND	36.0	3.94	U
11096-82-5	Aroclor 1260	ND	36.0	6.65	U
37324-23-5	Aroclor 1262	ND	36.0	4.57	U
11100-14-4	Aroclor 1268	ND	36.0	3.73	U
1336-36-3	PCBs, Total	ND	36.0	3.20	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 12210620a-64
 Sample Amount : 15.21 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 02:57
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : AWS
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	34.7	3.08	U
11104-28-2	Aroclor 1221	ND	34.7	3.47	U
11141-16-5	Aroclor 1232	ND	34.7	7.35	U
53469-21-9	Aroclor 1242	ND	34.7	4.67	U
12672-29-6	Aroclor 1248	ND	34.7	5.20	U
11097-69-1	Aroclor 1254	ND	34.7	3.79	U
11096-82-5	Aroclor 1260	ND	34.7	6.41	U
37324-23-5	Aroclor 1262	ND	34.7	4.40	U
11100-14-4	Aroclor 1268	ND	34.7	3.59	U
1336-36-3	PCBs, Total	ND	34.7	3.08	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-03
 Sample Amount : 15.67 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 08:31
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	35.8	3.18	U
11104-28-2	Aroclor 1221	ND	35.8	3.59	U
11141-16-5	Aroclor 1232	ND	35.8	7.59	U
53469-21-9	Aroclor 1242	ND	35.8	4.83	U
11097-69-1	Aroclor 1254	ND	35.8	3.92	U
11096-82-5	Aroclor 1260	ND	35.8	6.62	U
37324-23-5	Aroclor 1262	ND	35.8	4.55	U
11100-14-4	Aroclor 1268	ND	35.8	3.71	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-03
 Sample Amount : 15.67 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 08:31
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-PesticideII
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12672-29-6	Aroclor 1248	ND	35.8	5.37	U
1336-36-3	PCBs, Total	ND	35.8	3.18	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 23210620a-08
 Sample Amount : 15.79 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 18:24
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : JAW
 Instrument ID : PEST23
 GC Column : CLP-Pesticide
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	40.8	3.63	U
11104-28-2	Aroclor 1221	ND	40.8	4.09	U
11141-16-5	Aroclor 1232	ND	40.8	8.66	U
53469-21-9	Aroclor 1242	ND	40.8	5.51	U
12672-29-6	Aroclor 1248	ND	40.8	6.13	U
37324-23-5	Aroclor 1262	ND	40.8	5.19	U
11100-14-4	Aroclor 1268	ND	40.8	4.23	U

Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 23210620a-08
 Sample Amount : 15.79 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/20/21 18:24
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : JAW
 Instrument ID : PEST23
 GC Column : CLP-PesticideII
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
11097-69-1	Aroclor 1254	106	40.8	4.47	J
11096-82-5	Aroclor 1260	35.8	40.8	7.55	J
1336-36-3	PCBs, Total	142	40.8	3.63	J



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-04
 Sample Amount : 15.63 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 08:39
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	36.0	3.20	U
11104-28-2	Aroclor 1221	ND	36.0	3.60	U
11141-16-5	Aroclor 1232	ND	36.0	7.63	U
53469-21-9	Aroclor 1242	ND	36.0	4.85	U
12672-29-6	Aroclor 1248	ND	36.0	5.40	U
11097-69-1	Aroclor 1254	ND	36.0	3.94	U
11096-82-5	Aroclor 1260	ND	36.0	6.65	U
37324-23-5	Aroclor 1262	ND	36.0	4.57	U
11100-14-4	Aroclor 1268	ND	36.0	3.73	U
1336-36-3	PCBs, Total	ND	36.0	3.20	U

Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-05
 Sample Amount : 15.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 08:47
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	38.6	3.43	U
11104-28-2	Aroclor 1221	ND	38.6	3.87	U
11141-16-5	Aroclor 1232	ND	38.6	8.19	U
53469-21-9	Aroclor 1242	ND	38.6	5.21	U
12672-29-6	Aroclor 1248	ND	38.6	5.80	U
11096-82-5	Aroclor 1260	ND	38.6	7.14	U
37324-23-5	Aroclor 1262	ND	38.6	4.91	U
11100-14-4	Aroclor 1268	ND	38.6	4.00	U

Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-05
 Sample Amount : 15.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 08:47
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-PesticideII
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
11097-69-1	Aroclor 1254	29.7	38.6	4.23	J
1336-36-3	PCBs, Total	29.7	38.6	3.43	J



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-06
 Sample Amount : 15.41 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 08:56
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	37.6	3.34	U
11104-28-2	Aroclor 1221	ND	37.6	3.77	U
11141-16-5	Aroclor 1232	ND	37.6	7.97	U
53469-21-9	Aroclor 1242	ND	37.6	5.07	U
12672-29-6	Aroclor 1248	ND	37.6	5.64	U
11097-69-1	Aroclor 1254	102	37.6	4.11	
11096-82-5	Aroclor 1260	32.4	37.6	6.95	J
37324-23-5	Aroclor 1262	ND	37.6	4.77	U
11100-14-4	Aroclor 1268	ND	37.6	3.90	U
1336-36-3	PCBs, Total	134	37.6	3.34	J



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-07
 Sample Amount : 15.49 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 09:04
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 93
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	34.8	3.10	U
11104-28-2	Aroclor 1221	ND	34.8	3.49	U
11141-16-5	Aroclor 1232	ND	34.8	7.39	U
53469-21-9	Aroclor 1242	ND	34.8	4.70	U
12672-29-6	Aroclor 1248	ND	34.8	5.23	U
11097-69-1	Aroclor 1254	ND	34.8	3.81	U
11096-82-5	Aroclor 1260	ND	34.8	6.44	U
37324-23-5	Aroclor 1262	ND	34.8	4.43	U
11100-14-4	Aroclor 1268	ND	34.8	3.61	U
1336-36-3	PCBs, Total	ND	34.8	3.10	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16D
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 21210621a-13
 Sample Amount : 15.92 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:11
 Date Extracted : 06/18/21
 Dilution Factor : 100
 Analyst : JAW
 Instrument ID : PEST21
 GC Column : CLP-Pesticide
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	3560	316.	U
11104-28-2	Aroclor 1221	ND	3560	356.	U
11141-16-5	Aroclor 1232	ND	3560	754.	U
53469-21-9	Aroclor 1242	ND	3560	479.	U
12672-29-6	Aroclor 1248	30300	3560	534.	
11097-69-1	Aroclor 1254	ND	3560	389.	U
11096-82-5	Aroclor 1260	ND	3560	657.	U
37324-23-5	Aroclor 1262	ND	3560	452.	U
11100-14-4	Aroclor 1268	ND	3560	368.	U
1336-36-3	PCBs, Total	30300	3560	316.	



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-09
 Sample Amount : 15.94 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 09:20
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	35.5	3.15	U
11104-28-2	Aroclor 1221	ND	35.5	3.56	U
11141-16-5	Aroclor 1232	ND	35.5	7.53	U
53469-21-9	Aroclor 1242	ND	35.5	4.79	U
12672-29-6	Aroclor 1248	45.0	35.5	5.33	
11097-69-1	Aroclor 1254	ND	35.5	3.89	U
11096-82-5	Aroclor 1260	ND	35.5	6.56	U
37324-23-5	Aroclor 1262	ND	35.5	4.51	U
11100-14-4	Aroclor 1268	ND	35.5	3.68	U
1336-36-3	PCBs, Total	45.0	35.5	3.15	



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-10
 Sample Amount : 15.41 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 09:29
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	36.7	3.26	U
11104-28-2	Aroclor 1221	ND	36.7	3.67	U
11141-16-5	Aroclor 1232	ND	36.7	7.77	U
53469-21-9	Aroclor 1242	ND	36.7	4.94	U
12672-29-6	Aroclor 1248	ND	36.7	5.50	U
11096-82-5	Aroclor 1260	ND	36.7	6.78	U
37324-23-5	Aroclor 1262	ND	36.7	4.66	U
11100-14-4	Aroclor 1268	ND	36.7	3.80	U

Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-10
 Sample Amount : 15.41 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 09:29
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-PesticideII
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
11097-69-1	Aroclor 1254	7.45	36.7	4.01	J
1336-36-3	PCBs, Total	7.45	36.7	3.26	J



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-11
 Sample Amount : 15.1 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 09:37
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	37.5	3.33	U
11104-28-2	Aroclor 1221	ND	37.5	3.76	U
11141-16-5	Aroclor 1232	ND	37.5	7.95	U
53469-21-9	Aroclor 1242	ND	37.5	5.06	U
12672-29-6	Aroclor 1248	ND	37.5	5.62	U
11097-69-1	Aroclor 1254	ND	37.5	4.10	U
11096-82-5	Aroclor 1260	ND	37.5	6.93	U
37324-23-5	Aroclor 1262	ND	37.5	4.76	U
11100-14-4	Aroclor 1268	ND	37.5	3.88	U
1336-36-3	PCBs, Total	ND	37.5	3.33	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-12
 Sample Amount : 15.92 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 09:45
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	36.5	3.24	U
11104-28-2	Aroclor 1221	ND	36.5	3.66	U
11141-16-5	Aroclor 1232	ND	36.5	7.73	U
53469-21-9	Aroclor 1242	ND	36.5	4.92	U
12672-29-6	Aroclor 1248	5.59	36.5	5.47	J
11097-69-1	Aroclor 1254	ND	36.5	3.99	U
11096-82-5	Aroclor 1260	ND	36.5	6.74	U
37324-23-5	Aroclor 1262	ND	36.5	4.63	U
11100-14-4	Aroclor 1268	ND	36.5	3.78	U
1336-36-3	PCBs, Total	5.59	36.5	3.24	J

Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-13
 Sample Amount : 15.73 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 09:53
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-Pesticide
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	39.2	3.48	U
11104-28-2	Aroclor 1221	ND	39.2	3.93	U
11141-16-5	Aroclor 1232	ND	39.2	8.32	U
53469-21-9	Aroclor 1242	ND	39.2	5.29	U
12672-29-6	Aroclor 1248	ND	39.2	5.89	U
11096-82-5	Aroclor 1260	ND	39.2	7.25	U
37324-23-5	Aroclor 1262	ND	39.2	4.98	U
11100-14-4	Aroclor 1268	ND	39.2	4.06	U

Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 16210621a-13
 Sample Amount : 15.73 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 09:53
 Date Extracted : 06/18/21
 Dilution Factor : 1
 Analyst : CW
 Instrument ID : PEST16
 GC Column : CLP-PesticideII
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
11097-69-1	Aroclor 1254	626	39.2	4.29	J
1336-36-3	PCBs, Total	626	39.2	3.48	



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-23
 Sample Amount : 15.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:21
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.71	0.334	U
58-89-9	Lindane	ND	0.711	0.318	U
319-84-6	Alpha-BHC	ND	0.711	0.202	U
319-85-7	Beta-BHC	ND	1.71	0.647	U
76-44-8	Heptachlor	ND	0.853	0.382	U
309-00-2	Aldrin	ND	1.71	0.601	U
1024-57-3	Heptachlor epoxide	ND	3.20	0.960	U
72-20-8	Endrin	ND	0.711	0.291	U
7421-93-4	Endrin aldehyde	ND	2.13	0.746	U
53494-70-5	Endrin ketone	ND	1.71	0.439	U
60-57-1	Dieldrin	ND	1.07	0.533	U
72-55-9	4,4'-DDE	ND	1.71	0.394	U
72-54-8	4,4'-DDD	ND	1.71	0.608	U
50-29-3	4,4'-DDT	ND	3.20	1.37	U
959-98-8	Endosulfan I	ND	1.71	0.403	U
33213-65-9	Endosulfan II	ND	1.71	0.570	U
1031-07-8	Endosulfan sulfate	ND	0.711	0.338	U
72-43-5	Methoxychlor	ND	3.20	0.995	U
8001-35-2	Toxaphene	ND	32.0	8.96	U
5103-71-9	cis-Chlordane	ND	2.13	0.594	U
5103-74-2	trans-Chlordane	ND	2.13	0.563	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-23
 Sample Amount : 15.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:21
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.2	5.65	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-24
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:32
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.84	0.360	U
58-89-9	Lindane	ND	0.765	0.342	U
319-84-6	Alpha-BHC	ND	0.765	0.217	U
319-85-7	Beta-BHC	ND	1.84	0.696	U
76-44-8	Heptachlor	ND	0.918	0.412	U
309-00-2	Aldrin	ND	1.84	0.646	U
1024-57-3	Heptachlor epoxide	ND	3.44	1.03	U
72-20-8	Endrin	ND	0.765	0.314	U
7421-93-4	Endrin aldehyde	ND	2.30	0.803	U
53494-70-5	Endrin ketone	ND	1.84	0.473	U
60-57-1	Dieldrin	ND	1.15	0.574	U
72-55-9	4,4'-DDE	ND	1.84	0.425	U
72-54-8	4,4'-DDD	ND	1.84	0.655	U
50-29-3	4,4'-DDT	ND	3.44	1.48	U
959-98-8	Endosulfan I	ND	1.84	0.434	U
33213-65-9	Endosulfan II	ND	1.84	0.614	U
1031-07-8	Endosulfan sulfate	ND	0.765	0.364	U
72-43-5	Methoxychlor	ND	3.44	1.07	U
8001-35-2	Toxaphene	ND	34.4	9.64	U
5103-71-9	cis-Chlordane	ND	2.30	0.640	U
5103-74-2	trans-Chlordane	ND	2.30	0.606	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-24
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:32
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	15.3	6.08	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-25
 Sample Amount : 15.55 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:43
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.73	0.339	U
58-89-9	Lindane	ND	0.722	0.323	U
319-84-6	Alpha-BHC	ND	0.722	0.205	U
319-85-7	Beta-BHC	ND	1.73	0.657	U
76-44-8	Heptachlor	ND	0.866	0.388	U
309-00-2	Aldrin	ND	1.73	0.610	U
1024-57-3	Heptachlor epoxide	ND	3.25	0.974	U
72-20-8	Endrin	ND	0.722	0.296	U
7421-93-4	Endrin aldehyde	ND	2.16	0.758	U
53494-70-5	Endrin ketone	ND	1.73	0.446	U
60-57-1	Dieldrin	ND	1.08	0.541	U
72-55-9	4,4'-DDE	ND	1.73	0.400	U
72-54-8	4,4'-DDD	ND	1.73	0.618	U
50-29-3	4,4'-DDT	ND	3.25	1.39	U
959-98-8	Endosulfan I	ND	1.73	0.409	U
33213-65-9	Endosulfan II	ND	1.73	0.579	U
1031-07-8	Endosulfan sulfate	ND	0.722	0.344	U
72-43-5	Methoxychlor	ND	3.25	1.01	U
8001-35-2	Toxaphene	ND	32.5	9.09	U
5103-71-9	cis-Chlordane	ND	2.16	0.603	U
5103-74-2	trans-Chlordane	ND	2.16	0.572	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-25
 Sample Amount : 15.55 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:43
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.4	5.74	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-26
 Sample Amount : 15.6 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:54
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.79	0.350	U
58-89-9	Lindane	ND	0.745	0.333	U
319-84-6	Alpha-BHC	ND	0.745	0.212	U
319-85-7	Beta-BHC	ND	1.79	0.678	U
76-44-8	Heptachlor	ND	0.894	0.401	U
309-00-2	Aldrin	ND	1.79	0.630	U
1024-57-3	Heptachlor epoxide	ND	3.35	1.01	U
72-20-8	Endrin	ND	0.745	0.306	U
7421-93-4	Endrin aldehyde	ND	2.24	0.783	U
53494-70-5	Endrin ketone	ND	1.79	0.461	U
60-57-1	Dieldrin	ND	1.12	0.559	U
72-55-9	4,4'-DDE	ND	1.79	0.414	U
72-54-8	4,4'-DDD	ND	1.79	0.638	U
50-29-3	4,4'-DDT	ND	3.35	1.44	U
959-98-8	Endosulfan I	ND	1.79	0.423	U
33213-65-9	Endosulfan II	ND	1.79	0.598	U
1031-07-8	Endosulfan sulfate	ND	0.745	0.355	U
72-43-5	Methoxychlor	ND	3.35	1.04	U
8001-35-2	Toxaphene	ND	33.5	9.39	U
5103-71-9	cis-Chlordane	ND	2.24	0.623	U
5103-74-2	trans-Chlordane	ND	2.24	0.590	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-26
 Sample Amount : 15.6 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:54
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.9	5.92	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 20210621b-26
 Sample Amount : 15.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 19:24
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST20
 GC Column : CLPPesticides
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.74	0.341	U
58-89-9	Lindane	ND	0.725	0.324	U
319-84-6	Alpha-BHC	ND	0.725	0.206	U
319-85-7	Beta-BHC	ND	1.74	0.660	U
76-44-8	Heptachlor	ND	0.870	0.390	U
309-00-2	Aldrin	ND	1.74	0.613	U
1024-57-3	Heptachlor epoxide	ND	3.26	0.979	U
72-20-8	Endrin	ND	0.725	0.297	U
7421-93-4	Endrin aldehyde	ND	2.18	0.761	U
53494-70-5	Endrin ketone	ND	1.74	0.448	U
60-57-1	Dieldrin	ND	1.09	0.544	U
72-55-9	4,4'-DDE	ND	1.74	0.402	U
72-54-8	4,4'-DDD	ND	1.74	0.621	U
50-29-3	4,4'-DDT	ND	3.26	1.40	U
959-98-8	Endosulfan I	ND	1.74	0.411	U
33213-65-9	Endosulfan II	ND	1.74	0.582	U
1031-07-8	Endosulfan sulfate	ND	0.725	0.345	U
72-43-5	Methoxychlor	ND	3.26	1.02	U
8001-35-2	Toxaphene	ND	32.6	9.14	U
5103-71-9	cis-Chlordane	ND	2.18	0.606	U
5103-74-2	trans-Chlordane	ND	2.18	0.574	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 20210621b-26
 Sample Amount : 15.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 19:24
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST20
 GC Column : CLPPesticides
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.5	5.76	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-29
 Sample Amount : 15.79 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 17:48
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.71	0.334	U
58-89-9	Lindane	ND	0.712	0.318	U
319-84-6	Alpha-BHC	ND	0.712	0.202	U
319-85-7	Beta-BHC	ND	1.71	0.648	U
76-44-8	Heptachlor	ND	0.854	0.383	U
309-00-2	Aldrin	ND	1.71	0.601	U
1024-57-3	Heptachlor epoxide	ND	3.20	0.961	U
72-20-8	Endrin	ND	0.712	0.292	U
7421-93-4	Endrin aldehyde	ND	2.13	0.747	U
53494-70-5	Endrin ketone	ND	1.71	0.440	U
60-57-1	Dieldrin	ND	1.07	0.534	U
72-55-9	4,4'-DDE	ND	1.71	0.395	U
72-54-8	4,4'-DDD	ND	1.71	0.609	U
50-29-3	4,4'-DDT	ND	3.20	1.37	U
959-98-8	Endosulfan I	ND	1.71	0.403	U
33213-65-9	Endosulfan II	ND	1.71	0.571	U
1031-07-8	Endosulfan sulfate	ND	0.712	0.339	U
72-43-5	Methoxychlor	ND	3.20	0.996	U
8001-35-2	Toxaphene	ND	32.0	8.96	U
5103-71-9	cis-Chlordane	ND	2.13	0.595	U
5103-74-2	trans-Chlordane	ND	2.13	0.564	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-29
 Sample Amount : 15.79 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 17:48
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.2	5.66	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-30
 Sample Amount : 15.15 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 17:59
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.83	0.358	U
58-89-9	Lindane	ND	0.762	0.341	U
319-84-6	Alpha-BHC	ND	0.762	0.216	U
319-85-7	Beta-BHC	ND	1.83	0.694	U
76-44-8	Heptachlor	ND	0.915	0.410	U
309-00-2	Aldrin	ND	1.83	0.644	U
1024-57-3	Heptachlor epoxide	ND	3.43	1.03	U
72-20-8	Endrin	ND	0.762	0.312	U
7421-93-4	Endrin aldehyde	ND	2.29	0.800	U
53494-70-5	Endrin ketone	ND	1.83	0.471	U
60-57-1	Dieldrin	ND	1.14	0.572	U
72-55-9	4,4'-DDE	ND	1.83	0.423	U
72-54-8	4,4'-DDD	ND	1.83	0.652	U
50-29-3	4,4'-DDT	ND	3.43	1.47	U
959-98-8	Endosulfan I	ND	1.83	0.432	U
33213-65-9	Endosulfan II	ND	1.83	0.611	U
1031-07-8	Endosulfan sulfate	ND	0.762	0.363	U
72-43-5	Methoxychlor	ND	3.43	1.07	U
8001-35-2	Toxaphene	ND	34.3	9.60	U
5103-71-9	cis-Chlordane	ND	2.29	0.637	U
5103-74-2	trans-Chlordane	ND	2.29	0.604	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-30
 Sample Amount : 15.15 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 17:59
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	15.2	6.06	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-31
 Sample Amount : 15.74 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 18:10
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.69	0.330	U
58-89-9	Lindane	ND	0.703	0.314	U
319-84-6	Alpha-BHC	ND	0.703	0.200	U
319-85-7	Beta-BHC	ND	1.69	0.640	U
76-44-8	Heptachlor	ND	0.843	0.378	U
309-00-2	Aldrin	ND	1.69	0.594	U
1024-57-3	Heptachlor epoxide	ND	3.16	0.949	U
72-20-8	Endrin	ND	0.703	0.288	U
7421-93-4	Endrin aldehyde	ND	2.11	0.738	U
53494-70-5	Endrin ketone	ND	1.69	0.434	U
60-57-1	Dieldrin	ND	1.05	0.527	U
72-55-9	4,4'-DDE	ND	1.69	0.390	U
72-54-8	4,4'-DDD	ND	1.69	0.602	U
50-29-3	4,4'-DDT	ND	3.16	1.36	U
959-98-8	Endosulfan I	ND	1.69	0.398	U
33213-65-9	Endosulfan II	ND	1.69	0.564	U
1031-07-8	Endosulfan sulfate	ND	0.703	0.334	U
72-43-5	Methoxychlor	ND	3.16	0.984	U
8001-35-2	Toxaphene	ND	31.6	8.86	U
5103-71-9	cis-Chlordane	ND	2.11	0.588	U
5103-74-2	trans-Chlordane	ND	2.11	0.557	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-31
 Sample Amount : 15.74 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 18:10
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.0	5.59	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-32
 Sample Amount : 15.06 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 18:21
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.68	0.329	U
58-89-9	Lindane	ND	0.700	0.313	U
319-84-6	Alpha-BHC	ND	0.700	0.199	U
319-85-7	Beta-BHC	ND	1.68	0.637	U
76-44-8	Heptachlor	ND	0.840	0.377	U
309-00-2	Aldrin	ND	1.68	0.592	U
1024-57-3	Heptachlor epoxide	ND	3.15	0.946	U
72-20-8	Endrin	ND	0.700	0.287	U
7421-93-4	Endrin aldehyde	ND	2.10	0.735	U
53494-70-5	Endrin ketone	ND	1.68	0.433	U
60-57-1	Dieldrin	ND	1.05	0.525	U
72-55-9	4,4'-DDE	ND	1.68	0.389	U
72-54-8	4,4'-DDD	ND	1.68	0.600	U
50-29-3	4,4'-DDT	ND	3.15	1.35	U
959-98-8	Endosulfan I	ND	1.68	0.397	U
33213-65-9	Endosulfan II	ND	1.68	0.562	U
1031-07-8	Endosulfan sulfate	ND	0.700	0.333	U
72-43-5	Methoxychlor	ND	3.15	0.981	U
8001-35-2	Toxaphene	ND	31.5	8.82	U
5103-71-9	cis-Chlordane	ND	2.10	0.586	U
5103-74-2	trans-Chlordane	ND	2.10	0.555	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-32
 Sample Amount : 15.06 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 18:21
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.0	5.57	U

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-33
 Sample Amount : 15.7 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 18:32
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.72	0.336	U
58-89-9	Lindane	ND	0.715	0.320	U
319-84-6	Alpha-BHC	ND	0.715	0.203	U
319-85-7	Beta-BHC	ND	1.72	0.650	U
76-44-8	Heptachlor	ND	0.858	0.384	U
309-00-2	Aldrin	ND	1.72	0.604	U
1024-57-3	Heptachlor epoxide	ND	3.22	0.965	U
72-20-8	Endrin	ND	0.715	0.293	U
7421-93-4	Endrin aldehyde	ND	2.14	0.751	U
53494-70-5	Endrin ketone	ND	1.72	0.442	U
60-57-1	Dieldrin	ND	1.07	0.536	U
72-55-9	4,4'-DDE	ND	1.72	0.397	U
72-54-8	4,4'-DDD	ND	1.72	0.612	U
50-29-3	4,4'-DDT	ND	3.22	1.38	U
959-98-8	Endosulfan I	ND	1.72	0.405	U
33213-65-9	Endosulfan II	ND	1.72	0.573	U
1031-07-8	Endosulfan sulfate	ND	0.715	0.340	U
72-43-5	Methoxychlor	ND	3.22	1.00	U
8001-35-2	Toxaphene	ND	32.2	9.01	U
5103-71-9	cis-Chlordane	ND	2.14	0.598	U
5103-74-2	trans-Chlordane	ND	2.14	0.566	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-33
 Sample Amount : 15.7 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 18:32
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.3	5.68	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-46
 Sample Amount : 15.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 20:55
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.96	0.383	U
58-89-9	Lindane	ND	0.814	0.364	U
319-84-6	Alpha-BHC	ND	0.814	0.231	U
319-85-7	Beta-BHC	ND	1.96	0.741	U
76-44-8	Heptachlor	ND	0.978	0.438	U
309-00-2	Aldrin	ND	1.96	0.688	U
1024-57-3	Heptachlor epoxide	ND	3.66	1.10	U
72-20-8	Endrin	ND	0.814	0.334	U
7421-93-4	Endrin aldehyde	ND	2.44	0.855	U
53494-70-5	Endrin ketone	ND	1.96	0.503	U
60-57-1	Dieldrin	ND	1.22	0.611	U
72-55-9	4,4'-DDE	2.50	1.96	0.452	J+
72-54-8	4,4'-DDD	ND	1.96	0.697	U
959-98-8	Endosulfan I	ND	1.96	0.462	U
33213-65-9	Endosulfan II	ND	1.96	0.653	U
1031-07-8	Endosulfan sulfate	ND	0.814	0.388	U
72-43-5	Methoxychlor	ND	3.66	1.14	U
8001-35-2	Toxaphene	ND	36.6	10.3	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-46
 Sample Amount : 15.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 20:55
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticidesII
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
50-29-3	4,4'-DDT	3.89	3.66	1.57	P	JN
5103-71-9	cis-Chlordane	2.85	2.44	0.681	IP	J-
5103-74-2	trans-Chlordane	3.57	2.44	0.645		
57-74-9	Chlordane	35.1	16.3	6.48		

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-34
 Sample Amount : 15.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 18:43
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.70	0.334	U
58-89-9	Lindane	ND	0.710	0.317	U
319-84-6	Alpha-BHC	ND	0.710	0.202	U
319-85-7	Beta-BHC	ND	1.70	0.646	U
76-44-8	Heptachlor	ND	0.852	0.382	U
309-00-2	Aldrin	ND	1.70	0.600	U
72-20-8	Endrin	ND	0.710	0.291	U
7421-93-4	Endrin aldehyde	ND	2.13	0.746	U
53494-70-5	Endrin ketone	ND	1.70	0.439	U
60-57-1	Dieldrin	ND	1.06	0.533	U
72-54-8	4,4'-DDD	ND	1.70	0.608	U
959-98-8	Endosulfan I	ND	1.70	0.403	U
33213-65-9	Endosulfan II	ND	1.70	0.570	U
1031-07-8	Endosulfan sulfate	ND	0.710	0.338	U
72-43-5	Methoxychlor	ND	3.20	0.994	U
8001-35-2	Toxaphene	ND	32.0	8.95	U
5103-74-2	trans-Chlordane	2.82	2.13	0.562	J+
57-74-9	Chlordane	25.3	14.2	5.64	

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-34
 Sample Amount : 15.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 18:43
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticidesII
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
1024-57-3	Heptachlor epoxide	ND	3.20	0.959	U
72-55-9	4,4'-DDE	2.20	1.70	0.394	
50-29-3	4,4'-DDT	7.35	3.20	1.37	
5103-71-9	cis-Chlordane	2.09	2.13	0.594	JIP J-



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-35
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 18:54
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.86	0.364	U
58-89-9	Lindane	ND	0.774	0.346	U
319-84-6	Alpha-BHC	ND	0.774	0.220	U
319-85-7	Beta-BHC	ND	1.86	0.704	U
76-44-8	Heptachlor	ND	0.929	0.416	U
309-00-2	Aldrin	ND	1.86	0.654	U
1024-57-3	Heptachlor epoxide	ND	3.48	1.04	U
72-20-8	Endrin	ND	0.774	0.317	U
7421-93-4	Endrin aldehyde	ND	2.32	0.813	U
53494-70-5	Endrin ketone	ND	1.86	0.478	U
72-54-8	4,4'-DDD	2.98	1.86	0.663	
959-98-8	Endosulfan I	ND	1.86	0.439	U
33213-65-9	Endosulfan II	ND	1.86	0.621	U
1031-07-8	Endosulfan sulfate	ND	0.774	0.368	U
72-43-5	Methoxychlor	ND	3.48	1.08	U
8001-35-2	Toxaphene	ND	34.8	9.76	U
5103-74-2	trans-Chlordane	1.11	2.32	0.613	J
57-74-9	Chlordane	ND	15.5	6.16	U

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-35
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 18:54
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticidesII
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
60-57-1	Dieldrin	2.70	1.16	0.581	
72-55-9	4,4'-DDE	32.4	1.86	0.430	
50-29-3	4,4'-DDT	15.9	3.48	1.49	
5103-71-9	cis-Chlordane	0.916	2.32	0.647	JIP JN

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-36
 Sample Amount : 15.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:05
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.77	0.346	U
58-89-9	Lindane	ND	0.737	0.329	U
319-84-6	Alpha-BHC	ND	0.737	0.209	U
319-85-7	Beta-BHC	ND	1.77	0.671	U
76-44-8	Heptachlor	ND	0.884	0.396	U
309-00-2	Aldrin	ND	1.77	0.623	U
1024-57-3	Heptachlor epoxide	ND	3.32	0.995	U
72-20-8	Endrin	ND	0.737	0.302	U
7421-93-4	Endrin aldehyde	ND	2.21	0.774	U
53494-70-5	Endrin ketone	ND	1.77	0.456	U
60-57-1	Dieldrin	ND	1.10	0.553	U
72-55-9	4,4'-DDE	7.17	1.77	0.409	J+
72-54-8	4,4'-DDD	ND	1.77	0.631	U
50-29-3	4,4'-DDT	ND	3.32	1.42	U
959-98-8	Endosulfan I	ND	1.77	0.418	U
33213-65-9	Endosulfan II	ND	1.77	0.591	U
1031-07-8	Endosulfan sulfate	ND	0.737	0.351	U
72-43-5	Methoxychlor	ND	3.32	1.03	U
8001-35-2	Toxaphene	ND	33.2	9.29	U
57-74-9	Chlordane	ND	14.7	5.86	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-36
 Sample Amount : 15.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:05
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticidesII
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
5103-71-9	cis-Chlordane	2.48	2.21	0.616	IP	J-
5103-74-2	trans-Chlordane	4.24	2.21	0.584	P	J+



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-37
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:16
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 93
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.68	0.328	U
58-89-9	Lindane	ND	0.699	0.312	U
319-84-6	Alpha-BHC	ND	0.699	0.198	U
319-85-7	Beta-BHC	ND	1.68	0.636	U
76-44-8	Heptachlor	ND	0.839	0.376	U
309-00-2	Aldrin	ND	1.68	0.591	U
1024-57-3	Heptachlor epoxide	ND	3.14	0.944	U
72-20-8	Endrin	ND	0.699	0.286	U
7421-93-4	Endrin aldehyde	ND	2.10	0.734	U
53494-70-5	Endrin ketone	ND	1.68	0.432	U
60-57-1	Dieldrin	ND	1.05	0.524	U
72-55-9	4,4'-DDE	ND	1.68	0.388	U
72-54-8	4,4'-DDD	ND	1.68	0.598	U
50-29-3	4,4'-DDT	ND	3.14	1.35	U
959-98-8	Endosulfan I	ND	1.68	0.396	U
33213-65-9	Endosulfan II	ND	1.68	0.560	U
1031-07-8	Endosulfan sulfate	ND	0.699	0.333	U
72-43-5	Methoxychlor	ND	3.14	0.978	U
8001-35-2	Toxaphene	ND	31.4	8.81	U
5103-71-9	cis-Chlordane	ND	2.10	0.584	U
5103-74-2	trans-Chlordane	ND	2.10	0.554	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-37
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:16
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 93
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.0	5.56	U

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-38
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:27
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.76	0.344	U
58-89-9	Lindane	ND	0.733	0.328	U
319-84-6	Alpha-BHC	ND	0.733	0.208	U
319-85-7	Beta-BHC	ND	1.76	0.667	U
76-44-8	Heptachlor	ND	0.880	0.394	U
309-00-2	Aldrin	ND	1.76	0.619	U
1024-57-3	Heptachlor epoxide	ND	3.30	0.990	U
72-20-8	Endrin	ND	0.733	0.300	U
7421-93-4	Endrin aldehyde	ND	2.20	0.770	U
53494-70-5	Endrin ketone	ND	1.76	0.453	U
60-57-1	Dieldrin	ND	1.10	0.550	U
72-55-9	4,4'-DDE	ND	1.76	0.407	U
72-54-8	4,4'-DDD	ND	1.76	0.627	U
50-29-3	4,4'-DDT	ND	3.30	1.41	U
959-98-8	Endosulfan I	ND	1.76	0.416	U
33213-65-9	Endosulfan II	ND	1.76	0.588	U
1031-07-8	Endosulfan sulfate	ND	0.733	0.349	U
72-43-5	Methoxychlor	ND	3.30	1.03	U
8001-35-2	Toxaphene	ND	33.0	9.24	U
5103-71-9	cis-Chlordane	ND	2.20	0.613	U
5103-74-2	trans-Chlordane	ND	2.20	0.580	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-38
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:27
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.7	5.83	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-39
 Sample Amount : 15.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:38
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.77	0.347	U
58-89-9	Lindane	ND	0.738	0.330	U
319-84-6	Alpha-BHC	ND	0.738	0.210	U
319-85-7	Beta-BHC	ND	1.77	0.672	U
76-44-8	Heptachlor	ND	0.886	0.397	U
309-00-2	Aldrin	ND	1.77	0.624	U
1024-57-3	Heptachlor epoxide	ND	3.32	0.997	U
72-20-8	Endrin	ND	0.738	0.303	U
7421-93-4	Endrin aldehyde	ND	2.21	0.775	U
53494-70-5	Endrin ketone	ND	1.77	0.456	U
60-57-1	Dieldrin	ND	1.11	0.554	U
72-55-9	4,4'-DDE	ND	1.77	0.410	U
72-54-8	4,4'-DDD	ND	1.77	0.632	U
50-29-3	4,4'-DDT	ND	3.32	1.42	U
959-98-8	Endosulfan I	ND	1.77	0.418	U
33213-65-9	Endosulfan II	ND	1.77	0.592	U
1031-07-8	Endosulfan sulfate	ND	0.738	0.351	U
72-43-5	Methoxychlor	ND	3.32	1.03	U
8001-35-2	Toxaphene	ND	33.2	9.30	U
5103-71-9	cis-Chlordane	ND	2.21	0.617	U
5103-74-2	trans-Chlordane	ND	2.21	0.585	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-39
 Sample Amount : 15.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:38
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.8	5.87	U

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-40
 Sample Amount : 15.37 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:49
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.76	0.346	U
58-89-9	Lindane	ND	0.735	0.329	U
319-84-6	Alpha-BHC	ND	0.735	0.209	U
319-85-7	Beta-BHC	ND	1.76	0.669	U
76-44-8	Heptachlor	ND	0.882	0.396	U
309-00-2	Aldrin	ND	1.76	0.621	U
1024-57-3	Heptachlor epoxide	ND	3.31	0.992	U
72-20-8	Endrin	ND	0.735	0.301	U
7421-93-4	Endrin aldehyde	ND	2.20	0.772	U
53494-70-5	Endrin ketone	ND	1.76	0.454	U
60-57-1	Dieldrin	ND	1.10	0.551	U
72-54-8	4,4'-DDD	ND	1.76	0.629	U
50-29-3	4,4'-DDT	ND	3.31	1.42	U
959-98-8	Endosulfan I	ND	1.76	0.417	U
33213-65-9	Endosulfan II	ND	1.76	0.590	U
1031-07-8	Endosulfan sulfate	ND	0.735	0.350	U
72-43-5	Methoxychlor	ND	3.31	1.03	U
8001-35-2	Toxaphene	ND	33.1	9.26	U
5103-71-9	cis-Chlordane	ND	2.20	0.614	U
5103-74-2	trans-Chlordane	ND	2.20	0.582	U
57-74-9	Chlordane	ND	14.7	5.84	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-40
 Sample Amount : 15.37 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 19:49
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticidesII
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
72-55-9	4,4'-DDE	ND	1.76	0.408	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-41
 Sample Amount : 15.41 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 20:00
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.76	0.345	U
58-89-9	Lindane	ND	0.735	0.328	U
319-84-6	Alpha-BHC	ND	0.735	0.209	U
319-85-7	Beta-BHC	ND	1.76	0.669	U
76-44-8	Heptachlor	ND	0.882	0.395	U
309-00-2	Aldrin	ND	1.76	0.621	U
1024-57-3	Heptachlor epoxide	ND	3.31	0.992	U
72-20-8	Endrin	ND	0.735	0.301	U
7421-93-4	Endrin aldehyde	ND	2.20	0.772	U
53494-70-5	Endrin ketone	ND	1.76	0.454	U
60-57-1	Dieldrin	ND	1.10	0.551	U
72-55-9	4,4'-DDE	ND	1.76	0.408	U
72-54-8	4,4'-DDD	ND	1.76	0.629	U
50-29-3	4,4'-DDT	ND	3.31	1.42	U
959-98-8	Endosulfan I	ND	1.76	0.417	U
33213-65-9	Endosulfan II	ND	1.76	0.589	U
1031-07-8	Endosulfan sulfate	ND	0.735	0.350	U
72-43-5	Methoxychlor	ND	3.31	1.03	U
8001-35-2	Toxaphene	ND	33.1	9.26	U
5103-71-9	cis-Chlordane	ND	2.20	0.614	U
5103-74-2	trans-Chlordane	ND	2.20	0.582	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-41
 Sample Amount : 15.41 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 20:00
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.7	5.84	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-42
 Sample Amount : 15.74 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 20:11
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.77	0.347	U
58-89-9	Lindane	ND	0.738	0.330	U
319-84-6	Alpha-BHC	ND	0.738	0.210	U
319-85-7	Beta-BHC	ND	1.77	0.671	U
76-44-8	Heptachlor	ND	0.885	0.397	U
309-00-2	Aldrin	ND	1.77	0.624	U
1024-57-3	Heptachlor epoxide	ND	3.32	0.996	U
72-20-8	Endrin	ND	0.738	0.302	U
7421-93-4	Endrin aldehyde	ND	2.21	0.775	U
53494-70-5	Endrin ketone	ND	1.77	0.456	U
60-57-1	Dieldrin	ND	1.11	0.553	U
72-55-9	4,4'-DDE	ND	1.77	0.410	U
72-54-8	4,4'-DDD	ND	1.77	0.632	U
50-29-3	4,4'-DDT	ND	3.32	1.42	U
959-98-8	Endosulfan I	ND	1.77	0.418	U
33213-65-9	Endosulfan II	ND	1.77	0.592	U
1031-07-8	Endosulfan sulfate	ND	0.738	0.351	U
72-43-5	Methoxychlor	ND	3.32	1.03	U
8001-35-2	Toxaphene	ND	33.2	9.30	U
5103-71-9	cis-Chlordane	ND	2.21	0.617	U
5103-74-2	trans-Chlordane	ND	2.21	0.584	U

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-42
 Sample Amount : 15.74 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 20:11
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	14.8	5.87	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-43
 Sample Amount : 15.29 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 20:22
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.94	0.379	U
58-89-9	Lindane	ND	0.807	0.361	U
319-84-6	Alpha-BHC	ND	0.807	0.229	U
319-85-7	Beta-BHC	ND	1.94	0.735	U
76-44-8	Heptachlor	ND	0.969	0.434	U
309-00-2	Aldrin	ND	1.94	0.682	U
1024-57-3	Heptachlor epoxide	ND	3.63	1.09	U
72-20-8	Endrin	ND	0.807	0.331	U
7421-93-4	Endrin aldehyde	ND	2.42	0.848	U
53494-70-5	Endrin ketone	ND	1.94	0.499	U
60-57-1	Dieldrin	ND	1.21	0.606	U
72-55-9	4,4'-DDE	2.31	1.94	0.448	J+
72-54-8	4,4'-DDD	ND	1.94	0.691	U
959-98-8	Endosulfan I	ND	1.94	0.458	U
33213-65-9	Endosulfan II	ND	1.94	0.648	U
1031-07-8	Endosulfan sulfate	ND	0.807	0.384	U
72-43-5	Methoxychlor	ND	3.63	1.13	U
8001-35-2	Toxaphene	ND	36.3	10.2	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11210621b-43
 Sample Amount : 15.29 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 20:22
 Date Extracted : 06/19/21
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST11
 GC Column : CLPPesticidesII
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier	
		Results	RL	MDL		
50-29-3	4,4'-DDT	4.46	3.63	1.56	P	J+
5103-71-9	cis-Chlordane	2.71	2.42	0.675	IP	J-
5103-74-2	trans-Chlordane	3.46	2.42	0.639		
57-74-9	Chlordane	32.3	16.1	6.42		

Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-21
Client ID : DUP
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1513824.pdf
Sample Amount : 1.303g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 07:30
Date Received : 06/11/21
Date Analyzed : 06/18/21 19:20
Dilution Factor : 2
Analyst : BV
Instrument ID : TRACE7
%Solids : 81
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	3940	9.47	2.56	J
7440-36-0	Antimony, Total	ND	4.74	0.360	U UJ
7440-38-2	Arsenic, Total	1.64	0.947	0.197	J
7440-39-3	Barium, Total	52.9	0.947	0.165	J
7440-41-7	Beryllium, Total	0.189	0.474	0.031	J
7440-43-9	Cadmium, Total	0.180	0.947	0.093	J
7440-70-2	Calcium, Total	18600	9.47	3.32	J
7440-47-3	Chromium, Total	7.39	0.947	0.091	J
7440-48-4	Cobalt, Total	2.78	1.89	0.157	J
7440-50-8	Copper, Total	12.2	0.947	0.244	J+
7439-89-6	Iron, Total	6050	4.74	0.856	J
7439-92-1	Lead, Total	16.9	4.74	0.254	J-
7439-95-4	Magnesium, Total	2270	9.47	1.46	J
7439-96-5	Manganese, Total	129	0.947	0.151	J
7440-02-0	Nickel, Total	6.13	2.37	0.229	J
7440-09-7	Potassium, Total	491	237	13.6	J+
7782-49-2	Selenium, Total	ND	1.89	0.244	U
7440-22-4	Silver, Total	ND	0.947	0.268	U
7440-23-5	Sodium, Total	276	189	2.98	J
7440-28-0	Thallium, Total	ND	1.89	0.298	U
7440-62-2	Vanadium, Total	12.5	0.947	0.192	J
7440-66-6	Zinc, Total	39.6	4.74	0.278	J-

Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-01
Client ID : SB-16 (6-8")
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.283g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 09:10
Date Received : 06/10/21
Date Analyzed : 07/17/21 09:45
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	3200	8.78	2.37		
7440-36-0	Antimony, Total	0.465	4.39	0.334	J	J-
7440-38-2	Arsenic, Total	3.72	0.878	0.182		
7440-39-3	Barium, Total	47.5	0.878	0.153		
7440-41-7	Beryllium, Total	0.369	0.439	0.029	J	
7440-43-9	Cadmium, Total	0.334	0.878	0.086	J	
7440-70-2	Calcium, Total	1340	8.78	3.07		
7440-47-3	Chromium, Total	8.10	0.878	0.084		
7440-48-4	Cobalt, Total	4.66	1.76	0.146		
7440-50-8	Copper, Total	4.20	0.878	0.226		J+
7439-89-6	Iron, Total	10200	4.39	0.792		J
7439-92-1	Lead, Total	6.66	4.39	0.235		J-
7439-95-4	Magnesium, Total	1420	8.78	1.35		J
7439-96-5	Manganese, Total	487	0.878	0.140		
7440-02-0	Nickel, Total	8.23	2.19	0.212		
7440-09-7	Potassium, Total	461	219	12.6		J+
7782-49-2	Selenium, Total	ND	1.76	0.226	U	
7440-22-4	Silver, Total	ND	0.878	0.248	U	
7440-23-5	Sodium, Total	45.5	176	2.76	J	
7440-28-0	Thallium, Total	ND	1.76	0.276	U	
7440-62-2	Vanadium, Total	10.6	0.878	0.178		
7440-66-6	Zinc, Total	13.1	4.39	0.257		J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-02
Client ID : SB-15 (13-15')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.27g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 10:40
Date Received : 06/10/21
Date Analyzed : 07/17/21 09:49
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 85
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	4110	9.31	2.51		
7440-36-0	Antimony, Total	ND	4.65	0.354	U	UJ
7440-38-2	Arsenic, Total	1.87	0.931	0.194		
7440-39-3	Barium, Total	46.6	0.931	0.162		
7440-41-7	Beryllium, Total	0.316	0.465	0.031	J	
7440-43-9	Cadmium, Total	0.288	0.931	0.091	J	
7440-70-2	Calcium, Total	1190	9.31	3.26		
7440-47-3	Chromium, Total	7.49	0.931	0.089		
7440-48-4	Cobalt, Total	5.84	1.86	0.154		
7440-50-8	Copper, Total	98.5	0.931	0.240		J+
7439-89-6	Iron, Total	8800	4.65	0.840		J
7439-92-1	Lead, Total	3.80	4.65	0.249	J	J-
7439-95-4	Magnesium, Total	1960	9.31	1.43		J
7439-96-5	Manganese, Total	352	0.931	0.148		
7440-02-0	Nickel, Total	9.25	2.33	0.225		
7440-09-7	Potassium, Total	453	233	13.4		J+
7782-49-2	Selenium, Total	ND	1.86	0.240	U	
7440-22-4	Silver, Total	ND	0.931	0.263	U	
7440-23-5	Sodium, Total	105	186	2.93	J	
7440-28-0	Thallium, Total	ND	1.86	0.293	U	
7440-62-2	Vanadium, Total	8.81	0.931	0.189		
7440-66-6	Zinc, Total	18.2	4.65	0.273		J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-03
Client ID : SB-14 (18-20')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.315g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 11:30
Date Received : 06/10/21
Date Analyzed : 07/17/21 09:53
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	3930	8.53	2.30		
7440-36-0	Antimony, Total	0.376	4.27	0.324	J	J-
7440-38-2	Arsenic, Total	4.49	0.853	0.178		
7440-39-3	Barium, Total	146	0.853	0.148		
7440-41-7	Beryllium, Total	0.401	0.427	0.028	J	
7440-43-9	Cadmium, Total	0.427	0.853	0.084	J	
7440-70-2	Calcium, Total	15100	8.53	2.99		
7440-47-3	Chromium, Total	11.6	0.853	0.082		
7440-48-4	Cobalt, Total	6.07	1.71	0.142		
7440-50-8	Copper, Total	3.01	0.853	0.220		J+
7439-89-6	Iron, Total	14300	4.27	0.771		J
7439-92-1	Lead, Total	10.1	4.27	0.229		J-
7439-95-4	Magnesium, Total	2240	8.53	1.31		J
7439-96-5	Manganese, Total	614	0.853	0.136		
7440-02-0	Nickel, Total	10.2	2.13	0.206		
7440-09-7	Potassium, Total	853	213	12.3		J+
7782-49-2	Selenium, Total	ND	1.71	0.220	U	
7440-22-4	Silver, Total	ND	0.853	0.242	U	
7440-23-5	Sodium, Total	64.1	171	2.69	J	
7440-28-0	Thallium, Total	ND	1.71	0.269	U	
7440-62-2	Vanadium, Total	14.0	0.853	0.173		
7440-66-6	Zinc, Total	18.0	4.27	0.250		J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-04
Client ID : SB-13 (17-19')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.327g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 12:30
Date Received : 06/10/21
Date Analyzed : 07/17/21 09:58
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 86
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	7450	8.76	2.36		
7440-36-0	Antimony, Total	0.342	4.38	0.333	J	J-
7440-38-2	Arsenic, Total	3.79	0.876	0.182		
7440-39-3	Barium, Total	79.5	0.876	0.152		
7440-41-7	Beryllium, Total	0.534	0.438	0.029		
7440-43-9	Cadmium, Total	0.482	0.876	0.086	J	
7440-70-2	Calcium, Total	1640	8.76	3.07		
7440-47-3	Chromium, Total	12.5	0.876	0.084		
7440-48-4	Cobalt, Total	7.17	1.75	0.145		
7440-50-8	Copper, Total	126	0.876	0.226		J+
7439-89-6	Iron, Total	15100	4.38	0.791		J
7439-92-1	Lead, Total	8.05	4.38	0.235		J-
7439-95-4	Magnesium, Total	3390	8.76	1.35		J
7439-96-5	Manganese, Total	632	0.876	0.139		
7440-02-0	Nickel, Total	18.2	2.19	0.212		
7440-09-7	Potassium, Total	974	219	12.6		J+
7782-49-2	Selenium, Total	ND	1.75	0.226	U	
7440-22-4	Silver, Total	ND	0.876	0.248	U	
7440-23-5	Sodium, Total	111	175	2.76	J	
7440-28-0	Thallium, Total	ND	1.75	0.276	U	
7440-62-2	Vanadium, Total	19.0	0.876	0.178		
7440-66-6	Zinc, Total	27.6	4.38	0.257		J-



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG1524930.pdf
 Sample Amount : 1.329g
 Digestion Method : EPA 3050B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 07/17/21 10:02
 Dilution Factor : 2
 Analyst : SV
 Instrument ID : TRACE4
 %Solids : 90
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	7200	8.40	2.27		
7440-36-0	Antimony, Total	0.554	4.20	0.319	J	J-
7440-38-2	Arsenic, Total	8.18	0.840	0.175		
7440-39-3	Barium, Total	66.5	0.840	0.146		
7440-41-7	Beryllium, Total	0.756	0.420	0.028		
7440-43-9	Cadmium, Total	0.487	0.840	0.082	J	
7440-70-2	Calcium, Total	2870	8.40	2.94		
7440-47-3	Chromium, Total	13.1	0.840	0.081		
7440-48-4	Cobalt, Total	14.9	1.68	0.139		
7440-50-8	Copper, Total	464	0.840	0.217		J+
7439-89-6	Iron, Total	16400	4.20	0.758		J
7439-92-1	Lead, Total	7.52	4.20	0.225		J-
7439-95-4	Magnesium, Total	5390	8.40	1.29		J
7439-96-5	Manganese, Total	287	0.840	0.134		
7440-02-0	Nickel, Total	26.2	2.10	0.203		
7440-09-7	Potassium, Total	670	210	12.1		J+
7782-49-2	Selenium, Total	ND	1.68	0.217	U	
7440-22-4	Silver, Total	ND	0.840	0.238	U	
7440-23-5	Sodium, Total	58.8	168	2.64	J	
7440-28-0	Thallium, Total	ND	1.68	0.264	U	
7440-62-2	Vanadium, Total	13.9	0.840	0.170		
7440-66-6	Zinc, Total	46.4	4.20	0.246		J-

Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-06
Client ID : SB-11 (5-7')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.322g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 14:05
Date Received : 06/10/21
Date Analyzed : 07/17/21 10:06
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	4140	8.50	2.29		
7440-36-0	Antimony, Total	0.416	4.25	0.323	J	J-
7440-38-2	Arsenic, Total	3.23	0.850	0.177		
7440-39-3	Barium, Total	33.2	0.850	0.148		
7440-41-7	Beryllium, Total	0.348	0.425	0.028	J	
7440-43-9	Cadmium, Total	0.476	0.850	0.083	J	
7440-70-2	Calcium, Total	633	8.50	2.97		
7440-47-3	Chromium, Total	7.86	0.850	0.082		
7440-48-4	Cobalt, Total	5.01	1.70	0.141		
7440-50-8	Copper, Total	142	0.850	0.219		J+
7439-89-6	Iron, Total	11000	4.25	0.767		J
7439-92-1	Lead, Total	7.87	4.25	0.228		J-
7439-95-4	Magnesium, Total	2230	8.50	1.31		J
7439-96-5	Manganese, Total	217	0.850	0.135		
7440-02-0	Nickel, Total	10.3	2.12	0.206		
7440-09-7	Potassium, Total	414	212	12.2		J+
7782-49-2	Selenium, Total	ND	1.70	0.219	U	
7440-22-4	Silver, Total	ND	0.850	0.240	U	
7440-23-5	Sodium, Total	91.0	170	2.68	J	
7440-28-0	Thallium, Total	ND	1.70	0.268	U	
7440-62-2	Vanadium, Total	10.2	0.850	0.172		
7440-66-6	Zinc, Total	20.1	4.25	0.249		J-



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG1524930.pdf
 Sample Amount : 1.291g
 Digestion Method : EPA 3050B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 07/17/21 10:11
 Dilution Factor : 2
 Analyst : SV
 Instrument ID : TRACE4
 %Solids : 87
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	6480	8.94	2.42	
7440-36-0	Antimony, Total	0.707	4.47	0.340	J J-
7440-38-2	Arsenic, Total	5.38	0.894	0.186	
7440-39-3	Barium, Total	214	0.894	0.156	
7440-41-7	Beryllium, Total	1.06	0.447	0.030	
7440-43-9	Cadmium, Total	0.841	0.894	0.088	J
7440-70-2	Calcium, Total	30700	8.94	3.13	
7440-47-3	Chromium, Total	17.4	0.894	0.086	
7440-48-4	Cobalt, Total	12.0	1.79	0.148	
7440-50-8	Copper, Total	4.76	0.894	0.231	J+
7439-89-6	Iron, Total	23700	4.47	0.808	J
7439-92-1	Lead, Total	15.2	4.47	0.240	J-
7439-95-4	Magnesium, Total	4370	8.94	1.38	J
7439-96-5	Manganese, Total	667	0.894	0.142	
7440-02-0	Nickel, Total	23.6	2.24	0.216	
7440-09-7	Potassium, Total	1830	224	12.9	J+
7782-49-2	Selenium, Total	ND	1.79	0.231	U
7440-22-4	Silver, Total	ND	0.894	0.253	U
7440-23-5	Sodium, Total	130	179	2.82	J
7440-28-0	Thallium, Total	ND	1.79	0.282	U
7440-62-2	Vanadium, Total	24.0	0.894	0.182	
7440-66-6	Zinc, Total	33.6	4.47	0.262	J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-08
Client ID : SB-09 (18-20')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.275g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 15:00
Date Received : 06/10/21
Date Analyzed : 07/17/21 10:15
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 90
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5260	8.68	2.34	
7440-36-0	Antimony, Total	0.573	4.34	0.330	J J-
7440-38-2	Arsenic, Total	4.42	0.868	0.180	
7440-39-3	Barium, Total	130	0.868	0.151	
7440-41-7	Beryllium, Total	0.703	0.434	0.029	
7440-43-9	Cadmium, Total	0.625	0.868	0.085	J
7440-70-2	Calcium, Total	15500	8.68	3.04	
7440-47-3	Chromium, Total	14.2	0.868	0.083	
7440-48-4	Cobalt, Total	7.34	1.74	0.144	
7440-50-8	Copper, Total	5.38	0.868	0.224	J+
7439-89-6	Iron, Total	19400	4.34	0.783	J
7439-92-1	Lead, Total	12.4	4.34	0.232	J-
7439-95-4	Magnesium, Total	2980	8.68	1.34	J
7439-96-5	Manganese, Total	418	0.868	0.138	
7440-02-0	Nickel, Total	14.6	2.17	0.210	
7440-09-7	Potassium, Total	1630	217	12.5	J+
7782-49-2	Selenium, Total	ND	1.74	0.224	U
7440-22-4	Silver, Total	ND	0.868	0.246	U
7440-23-5	Sodium, Total	82.6	174	2.73	J
7440-28-0	Thallium, Total	ND	1.74	0.273	U
7440-62-2	Vanadium, Total	19.2	0.868	0.176	
7440-66-6	Zinc, Total	23.6	4.34	0.254	J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-09
Client ID : SB-08 (18-20')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.311g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 15:25
Date Received : 06/10/21
Date Analyzed : 07/17/21 10:36
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 95
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	2560	8.05	2.17		
7440-36-0	Antimony, Total	0.467	4.02	0.306	J	J-
7440-38-2	Arsenic, Total	3.89	0.805	0.167		
7440-39-3	Barium, Total	73.6	0.805	0.140		
7440-41-7	Beryllium, Total	0.314	0.402	0.027	J	
7440-43-9	Cadmium, Total	0.394	0.805	0.079	J	
7440-70-2	Calcium, Total	2720	8.05	2.82		
7440-47-3	Chromium, Total	7.60	0.805	0.077		
7440-48-4	Cobalt, Total	2.84	1.61	0.134		
7440-50-8	Copper, Total	3.84	0.805	0.208		J+
7439-89-6	Iron, Total	13100	4.02	0.726		J
7439-92-1	Lead, Total	7.08	4.02	0.216		J-
7439-95-4	Magnesium, Total	1180	8.05	1.24		J
7439-96-5	Manganese, Total	293	0.805	0.128		
7440-02-0	Nickel, Total	5.50	2.01	0.195		
7440-09-7	Potassium, Total	718	201	11.6		J+
7782-49-2	Selenium, Total	ND	1.61	0.208	U	
7440-22-4	Silver, Total	ND	0.805	0.228	U	
7440-23-5	Sodium, Total	55.2	161	2.53	J	
7440-28-0	Thallium, Total	ND	1.61	0.253	U	
7440-62-2	Vanadium, Total	12.2	0.805	0.163		
7440-66-6	Zinc, Total	9.40	4.02	0.236		J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-10
Client ID : SB-06 (18-20')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.294g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 15:45
Date Received : 06/10/21
Date Analyzed : 07/17/21 10:40
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	931	8.67	2.34		
7440-36-0	Antimony, Total	ND	4.34	0.330	U	UJ
7440-38-2	Arsenic, Total	4.88	0.867	0.180		
7440-39-3	Barium, Total	18.5	0.867	0.151		
7440-41-7	Beryllium, Total	0.069	0.434	0.029	J	
7440-43-9	Cadmium, Total	0.130	0.867	0.085	J	
7440-70-2	Calcium, Total	1480	8.67	3.04		
7440-47-3	Chromium, Total	4.80	0.867	0.083		
7440-48-4	Cobalt, Total	1.01	1.73	0.144	J	
7440-50-8	Copper, Total	5.25	0.867	0.224		J+
7439-89-6	Iron, Total	4190	4.34	0.783		J
7439-92-1	Lead, Total	1.74	4.34	0.232	J	J-
7439-95-4	Magnesium, Total	407	8.67	1.34		J
7439-96-5	Manganese, Total	86.5	0.867	0.138		
7440-02-0	Nickel, Total	1.62	2.17	0.210	J	
7440-09-7	Potassium, Total	344	217	12.5		J+
7782-49-2	Selenium, Total	ND	1.73	0.224	U	
7440-22-4	Silver, Total	ND	0.867	0.245	U	
7440-23-5	Sodium, Total	67.3	173	2.73	J	
7440-28-0	Thallium, Total	ND	1.73	0.273	U	
7440-62-2	Vanadium, Total	5.47	0.867	0.176		
7440-66-6	Zinc, Total	3.98	4.34	0.254	J	J-

Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-11
Client ID : SS-1
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.311g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 07:05
Date Received : 06/11/21
Date Analyzed : 07/17/21 09:06
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 78
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	7730	9.84	2.66	J
7440-36-0	Antimony, Total	ND	4.92	0.374	U UJ
7440-38-2	Arsenic, Total	3.61	0.984	0.205	J
7440-39-3	Barium, Total	89.1	0.984	0.171	J
7440-41-7	Beryllium, Total	0.256	0.492	0.033	J
7440-43-9	Cadmium, Total	0.522	0.984	0.096	J
7440-70-2	Calcium, Total	34900	9.84	3.44	J
7440-47-3	Chromium, Total	12.8	0.984	0.095	J
7440-48-4	Cobalt, Total	4.69	1.97	0.163	J
7440-50-8	Copper, Total	31.0	0.984	0.254	J+
7439-89-6	Iron, Total	12300	4.92	0.889	J
7439-92-1	Lead, Total	44.0	4.92	0.264	J-
7439-95-4	Magnesium, Total	6400	9.84	1.52	J
7439-96-5	Manganese, Total	256	0.984	0.156	J
7440-02-0	Nickel, Total	11.9	2.46	0.238	J
7440-09-7	Potassium, Total	737	246	14.2	J+
7782-49-2	Selenium, Total	ND	1.97	0.254	U
7440-22-4	Silver, Total	ND	0.984	0.278	U
7440-23-5	Sodium, Total	761	197	3.10	J
7440-28-0	Thallium, Total	ND	1.97	0.310	U
7440-62-2	Vanadium, Total	25.7	0.984	0.200	J
7440-66-6	Zinc, Total	111	4.92	0.288	J-

Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-12
Client ID : SS-2
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.33g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 07:35
Date Received : 06/11/21
Date Analyzed : 07/17/21 10:45
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	8010	8.46	2.28		
7440-36-0	Antimony, Total	ND	4.23	0.321	U	UJ
7440-38-2	Arsenic, Total	5.25	0.846	0.176		
7440-39-3	Barium, Total	110	0.846	0.147		
7440-41-7	Beryllium, Total	0.211	0.423	0.028	J	
7440-43-9	Cadmium, Total	0.440	0.846	0.083	J	
7440-70-2	Calcium, Total	36000	8.46	2.96		
7440-47-3	Chromium, Total	11.0	0.846	0.081		
7440-48-4	Cobalt, Total	5.55	1.69	0.140		
7440-50-8	Copper, Total	22.3	0.846	0.218		J+
7439-89-6	Iron, Total	11000	4.23	0.764		J
7439-92-1	Lead, Total	52.1	4.23	0.227		J-
7439-95-4	Magnesium, Total	6220	8.46	1.30		J
7439-96-5	Manganese, Total	173	0.846	0.134		
7440-02-0	Nickel, Total	13.2	2.11	0.205		
7440-09-7	Potassium, Total	827	211	12.2		J+
7782-49-2	Selenium, Total	ND	1.69	0.218	U	
7440-22-4	Silver, Total	ND	0.846	0.239	U	
7440-23-5	Sodium, Total	659	169	2.66		
7440-28-0	Thallium, Total	ND	1.69	0.266	U	
7440-62-2	Vanadium, Total	31.7	0.846	0.172		
7440-66-6	Zinc, Total	130	4.23	0.248		J-



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG1524930.pdf
 Sample Amount : 1.302g
 Digestion Method : EPA 3050B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 07/17/21 10:49
 Dilution Factor : 2
 Analyst : SV
 Instrument ID : TRACE4
 %Solids : 84
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	8800	9.19	2.48	
7440-36-0	Antimony, Total	0.386	4.59	0.349	J J-
7440-38-2	Arsenic, Total	3.91	0.919	0.191	
7440-39-3	Barium, Total	70.4	0.919	0.160	
7440-41-7	Beryllium, Total	0.404	0.459	0.030	J
7440-43-9	Cadmium, Total	0.551	0.919	0.090	J
7440-70-2	Calcium, Total	1790	9.19	3.22	
7440-47-3	Chromium, Total	16.7	0.919	0.088	
7440-48-4	Cobalt, Total	6.76	1.84	0.152	
7440-50-8	Copper, Total	22.9	0.919	0.237	J+
7439-89-6	Iron, Total	13100	4.59	0.830	J
7439-92-1	Lead, Total	25.6	4.59	0.246	J-
7439-95-4	Magnesium, Total	2260	9.19	1.41	J
7439-96-5	Manganese, Total	354	0.919	0.146	
7440-02-0	Nickel, Total	12.6	2.30	0.222	
7440-09-7	Potassium, Total	502	230	13.2	J+
7782-49-2	Selenium, Total	ND	1.84	0.237	U
7440-22-4	Silver, Total	ND	0.919	0.260	U
7440-23-5	Sodium, Total	109	184	2.89	J
7440-28-0	Thallium, Total	ND	1.84	0.289	U
7440-62-2	Vanadium, Total	23.8	0.919	0.186	
7440-66-6	Zinc, Total	65.4	4.59	0.269	J-



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG1524930.pdf
 Sample Amount : 1.285g
 Digestion Method : EPA 3050B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 07/17/21 10:53
 Dilution Factor : 2
 Analyst : SV
 Instrument ID : TRACE4
 %Solids : 86
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	7220	9.02	2.43	
7440-36-0	Antimony, Total	0.649	4.51	0.343	J J-
7440-38-2	Arsenic, Total	3.61	0.902	0.188	
7440-39-3	Barium, Total	70.2	0.902	0.157	
7440-41-7	Beryllium, Total	0.370	0.451	0.030	J
7440-43-9	Cadmium, Total	0.640	0.902	0.088	J
7440-70-2	Calcium, Total	2770	9.02	3.16	
7440-47-3	Chromium, Total	47.0	0.902	0.087	
7440-48-4	Cobalt, Total	8.22	1.80	0.150	
7440-50-8	Copper, Total	53.1	0.902	0.233	J+
7439-89-6	Iron, Total	14400	4.51	0.814	J
7439-92-1	Lead, Total	24.1	4.51	0.242	J-
7439-95-4	Magnesium, Total	2860	9.02	1.39	J
7439-96-5	Manganese, Total	328	0.902	0.143	
7440-02-0	Nickel, Total	15.1	2.25	0.218	
7440-09-7	Potassium, Total	592	225	13.0	J+
7782-49-2	Selenium, Total	ND	1.80	0.233	U
7440-22-4	Silver, Total	ND	0.902	0.255	U
7440-23-5	Sodium, Total	1320	180	2.84	
7440-28-0	Thallium, Total	ND	1.80	0.284	U
7440-62-2	Vanadium, Total	30.8	0.902	0.183	
7440-66-6	Zinc, Total	107	4.51	0.264	J-

Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-15
Client ID : SB-07 (18-20')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.302g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 08:30
Date Received : 06/11/21
Date Analyzed : 07/17/21 10:58
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 93
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	4770	8.29	2.24		
7440-36-0	Antimony, Total	0.556	4.15	0.315	J	J-
7440-38-2	Arsenic, Total	4.50	0.829	0.172		
7440-39-3	Barium, Total	82.4	0.829	0.144		
7440-41-7	Beryllium, Total	0.531	0.415	0.027		
7440-43-9	Cadmium, Total	0.531	0.829	0.081	J	
7440-70-2	Calcium, Total	15900	8.29	2.90		
7440-47-3	Chromium, Total	11.6	0.829	0.080		
7440-48-4	Cobalt, Total	7.26	1.66	0.138		
7440-50-8	Copper, Total	72.3	0.829	0.214		J+
7439-89-6	Iron, Total	16000	4.15	0.749		J
7439-92-1	Lead, Total	11.3	4.15	0.222		J-
7439-95-4	Magnesium, Total	2960	8.29	1.28		J
7439-96-5	Manganese, Total	454	0.829	0.132		
7440-02-0	Nickel, Total	14.6	2.07	0.201		
7440-09-7	Potassium, Total	1260	207	11.9		J+
7782-49-2	Selenium, Total	ND	1.66	0.214	U	
7440-22-4	Silver, Total	ND	0.829	0.235	U	
7440-23-5	Sodium, Total	91.9	166	2.61	J	
7440-28-0	Thallium, Total	ND	1.66	0.261	U	
7440-62-2	Vanadium, Total	16.7	0.829	0.168		
7440-66-6	Zinc, Total	24.6	4.15	0.243		J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-16
Client ID : SB-05 (2.5-5')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.33g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 09:00
Date Received : 06/11/21
Date Analyzed : 07/17/21 11:02
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 88
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5260	8.52	2.30	
7440-38-2	Arsenic, Total	13.2	0.852	0.177	
7440-39-3	Barium, Total	67.2	0.852	0.148	
7440-43-9	Cadmium, Total	3.00	0.852	0.083	
7440-70-2	Calcium, Total	3190	8.52	2.98	
7440-47-3	Chromium, Total	3420	0.852	0.082	
7440-48-4	Cobalt, Total	232	1.70	0.141	
7440-50-8	Copper, Total	118	0.852	0.220	J+
7439-92-1	Lead, Total	27.7	4.26	0.228	J-
7439-95-4	Magnesium, Total	2020	8.52	1.31	J
7439-96-5	Manganese, Total	480	0.852	0.135	
7440-02-0	Nickel, Total	663	2.13	0.206	
7440-09-7	Potassium, Total	525	213	12.3	J+
7782-49-2	Selenium, Total	ND	1.70	0.220	U
7440-22-4	Silver, Total	1.51	0.852	0.241	
7440-23-5	Sodium, Total	281	170	2.68	
7440-62-2	Vanadium, Total	140	0.852	0.173	
7440-66-6	Zinc, Total	115	4.26	0.249	J-

Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-17
Client ID : SB-04 (2.5-5')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.29g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 09:30
Date Received : 06/11/21
Date Analyzed : 07/17/21 11:06
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 88
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	11300	8.78	2.37		
7440-36-0	Antimony, Total	ND	4.39	0.334	U	UJ
7440-38-2	Arsenic, Total	3.31	0.878	0.183		
7440-39-3	Barium, Total	57.7	0.878	0.153		
7440-41-7	Beryllium, Total	0.527	0.439	0.029		
7440-43-9	Cadmium, Total	0.483	0.878	0.086	J	
7440-70-2	Calcium, Total	1230	8.78	3.07		
7440-47-3	Chromium, Total	21.7	0.878	0.084		
7440-48-4	Cobalt, Total	109	1.76	0.146		
7440-50-8	Copper, Total	47.3	0.878	0.226		J+
7439-89-6	Iron, Total	15900	4.39	0.793		J
7439-92-1	Lead, Total	8.23	4.39	0.235		J-
7439-95-4	Magnesium, Total	4390	8.78	1.35		J
7439-96-5	Manganese, Total	858	0.878	0.140		
7440-02-0	Nickel, Total	16.0	2.19	0.212		
7440-09-7	Potassium, Total	797	219	12.6		J+
7782-49-2	Selenium, Total	ND	1.76	0.226	U	
7440-22-4	Silver, Total	ND	0.878	0.248	U	
7440-23-5	Sodium, Total	103	176	2.76	J	
7440-28-0	Thallium, Total	ND	1.76	0.276	U	
7440-62-2	Vanadium, Total	27.6	0.878	0.178		
7440-66-6	Zinc, Total	38.1	4.39	0.257		J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-18
Client ID : SB-03 (2.5-5')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.282g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 09:55
Date Received : 06/11/21
Date Analyzed : 07/17/21 11:11
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	11400	8.81	2.38		
7440-36-0	Antimony, Total	ND	4.41	0.335	U	UJ
7440-38-2	Arsenic, Total	3.08	0.881	0.183		
7440-39-3	Barium, Total	87.8	0.881	0.153		
7440-41-7	Beryllium, Total	0.555	0.441	0.029		
7440-43-9	Cadmium, Total	0.467	0.881	0.086	J	
7440-70-2	Calcium, Total	518	8.81	3.08		
7440-47-3	Chromium, Total	21.2	0.881	0.085		
7440-48-4	Cobalt, Total	8.06	1.76	0.146		
7440-50-8	Copper, Total	25.4	0.881	0.227		J+
7439-89-6	Iron, Total	15300	4.41	0.796		J
7439-92-1	Lead, Total	8.03	4.41	0.236		J-
7439-95-4	Magnesium, Total	4060	8.81	1.36		J
7439-96-5	Manganese, Total	533	0.881	0.140		
7440-02-0	Nickel, Total	15.6	2.20	0.213		
7440-09-7	Potassium, Total	550	220	12.7		J+
7782-49-2	Selenium, Total	ND	1.76	0.227	U	
7440-22-4	Silver, Total	ND	0.881	0.249	U	
7440-23-5	Sodium, Total	143	176	2.78	J	
7440-28-0	Thallium, Total	ND	1.76	0.278	U	
7440-62-2	Vanadium, Total	29.8	0.881	0.179		
7440-66-6	Zinc, Total	42.8	4.41	0.258		J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-19
Client ID : SB-02 (12.5-15')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.295g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 10:15
Date Received : 06/11/21
Date Analyzed : 07/17/21 11:15
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 88
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	9820	8.74	2.36		
7440-36-0	Antimony, Total	ND	4.37	0.332	U	UJ
7440-38-2	Arsenic, Total	3.74	0.874	0.182		
7440-39-3	Barium, Total	54.0	0.874	0.152		
7440-41-7	Beryllium, Total	0.665	0.437	0.029		
7440-43-9	Cadmium, Total	0.577	0.874	0.086	J	
7440-70-2	Calcium, Total	1280	8.74	3.06		
7440-47-3	Chromium, Total	21.7	0.874	0.084		
7440-48-4	Cobalt, Total	49.5	1.75	0.145		
7440-50-8	Copper, Total	26.8	0.874	0.226		J+
7439-89-6	Iron, Total	17400	4.37	0.790		J
7439-92-1	Lead, Total	8.70	4.37	0.234		J-
7439-95-4	Magnesium, Total	5540	8.74	1.35		J
7439-96-5	Manganese, Total	654	0.874	0.139		
7440-02-0	Nickel, Total	20.0	2.19	0.212		
7440-09-7	Potassium, Total	1080	219	12.6		J+
7782-49-2	Selenium, Total	ND	1.75	0.226	U	
7440-22-4	Silver, Total	ND	0.874	0.247	U	
7440-23-5	Sodium, Total	73.7	175	2.75	J	
7440-28-0	Thallium, Total	ND	1.75	0.275	U	
7440-62-2	Vanadium, Total	30.7	0.874	0.178		
7440-66-6	Zinc, Total	49.3	4.37	0.256		J-



Form 1 METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-20
Client ID : SB-01 (5-5.75')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG1524930.pdf
Sample Amount : 1.291g
Digestion Method : EPA 3050B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 10:40
Date Received : 06/11/21
Date Analyzed : 07/17/21 12:01
Dilution Factor : 2
Analyst : SV
Instrument ID : TRACE4
%Solids : 86
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	6530	9.00	2.43		
7440-36-0	Antimony, Total	0.945	4.50	0.342	J	J-
7440-38-2	Arsenic, Total	8.07	0.900	0.187		
7440-39-3	Barium, Total	75.6	0.900	0.156		
7440-41-7	Beryllium, Total	0.684	0.450	0.030		
7440-43-9	Cadmium, Total	0.765	0.900	0.088	J	
7440-70-2	Calcium, Total	1900	9.00	3.15		
7440-47-3	Chromium, Total	18.9	0.900	0.086		
7440-48-4	Cobalt, Total	18.0	1.80	0.149		
7440-50-8	Copper, Total	4.94	0.900	0.232		J+
7439-92-1	Lead, Total	14.1	4.50	0.241		J-
7439-95-4	Magnesium, Total	3900	9.00	1.38		J
7440-02-0	Nickel, Total	18.2	2.25	0.218		
7782-49-2	Selenium, Total	ND	1.80	0.232	U	
7440-22-4	Silver, Total	ND	0.900	0.254	U	
7440-28-0	Thallium, Total	ND	1.80	0.283	U	
7440-62-2	Vanadium, Total	25.2	0.900	0.183		
7440-66-6	Zinc, Total	33.0	4.50	0.264		J-

Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG1525684.pdf
 Sample Amount : 1.33g
 Digestion Method : EPA 3050B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 07/20/21 10:14
 Dilution Factor : 20
 Analyst : GD
 Instrument ID : TRACE7
 %Solids : 88
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7440-36-0	Antimony, Total	ND	42.6	3.24	U UJ
7440-41-7	Beryllium, Total	ND	4.26	0.281	U
7439-89-6	Iron, Total	81900	42.6	7.69	J
7440-28-0	Thallium, Total	ND	17.0	2.68	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG1525684.pdf
 Sample Amount : 1.291g
 Digestion Method : EPA 3050B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 07/20/21 10:19
 Dilution Factor : 20
 Analyst : GD
 Instrument ID : TRACE7
 %Solids : 86
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-89-6	Iron, Total	29600	45.0	8.12	J
7439-96-5	Manganese, Total	768	9.00	1.43	
7440-09-7	Potassium, Total	2270	2250	130.	J+
7440-23-5	Sodium, Total	77.6	1800	28.3	J



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-01
Client ID : SB-16 (6-8")
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.399g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 09:10
Date Received : 06/10/21
Date Analyzed : 06/21/21 15:30
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.071	0.046	U



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-02
Client ID : SB-15 (13-15')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.398g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 10:40
Date Received : 06/10/21
Date Analyzed : 06/21/21 15:33
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 85
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.074	0.048	U



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-03
Client ID : SB-14 (18-20')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.399g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 11:30
Date Received : 06/10/21
Date Analyzed : 06/21/21 15:37
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.070	0.046	U



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-04
Client ID : SB-13 (17-19')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.392g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 12:30
Date Received : 06/10/21
Date Analyzed : 06/21/21 15:40
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 86
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.074	0.048	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.397g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 15:50
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 90
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.070	0.046	U



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-06
Client ID : SB-11 (5-7')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.397g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 14:05
Date Received : 06/10/21
Date Analyzed : 06/21/21 15:53
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 89
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.071	0.046	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.399g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 15:56
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 87
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.072	0.047	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.391g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:00
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 90
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.071	0.046	U



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-09
Client ID : SB-08 (18-20')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.398g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/10/21 15:25
Date Received : 06/10/21
Date Analyzed : 06/21/21 16:03
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 95
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.066	0.043	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.398g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/21/21 16:06
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 89
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.071	0.046	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.399g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 15:17
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 78
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.081	0.053	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.392g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 16:10
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 89
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.072	0.047	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.397g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 16:13
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 84
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.053	0.075	0.049	J J+



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-14
Client ID : SS-4
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.394g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 07:45
Date Received : 06/11/21
Date Analyzed : 06/21/21 16:16
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 86
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.074	0.048	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.398g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 16:19
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 93
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.068	0.044	U



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-16
Client ID : SB-05 (2.5-5')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.399g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 09:00
Date Received : 06/11/21
Date Analyzed : 06/21/21 16:29
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 88
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.071	0.046	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.394g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 16:33
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 88
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.072	0.047	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.398g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 16:36
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 89
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.071	0.046	U



Form 1 METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1514659.txt
 Sample Amount : 0.399g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 16:39
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 88
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.071	0.046	U



Form 1

METALS

Client : TRC Solutions
Project Name : CHROMALLOY
Lab ID : L2131407-20
Client ID : SB-01 (5-5.75')
Sample Location : WEST NYACK, NY
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG1514659.txt
Sample Amount : 0.395g
Digestion Method : EPA 7471B

Lab Number : L2131407
Project Number : 1902732021
Date Collected : 06/11/21 10:40
Date Received : 06/11/21
Date Analyzed : 06/21/21 16:43
Dilution Factor : 1
Analyst : OU
Instrument ID : NIC2
%Solids : 86
Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.074	0.048	U



Form 1

METALS

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG1515217.txt
 Sample Amount : 0.392g
 Digestion Method : EPA 7471B

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/22/21 10:54
 Dilution Factor : 1
 Analyst : OU
 Instrument ID : NIC2
 %Solids : 81
 Date Digested : 06/17/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.079	0.051	U



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-01
 Client ID : SB-16 (6-8")
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061621-D
 Sample Amount : 1.0199g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 09:10
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 16:15
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 89
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-02
 Client ID : SB-15 (13-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061621-D
 Sample Amount : 1.0016g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 10:40
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 16:16
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 85
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.25	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-03
 Client ID : SB-14 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061621-D
 Sample Amount : 1.0277g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 11:30
 Date Received : 06/10/21
 Date Analyzed : 06/16/21 16:17
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 89
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-04
 Client ID : SB-13 (17-19')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061721-E
 Sample Amount : 1.0379g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 12:30
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 12:59
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 86
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-05
 Client ID : SB-12 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061721-E
 Sample Amount : 1.0112g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 13:45
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 13:00
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 90
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-06
 Client ID : SB-11 (5-7')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061721-E
 Sample Amount : 1.0728g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:05
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 13:01
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 89
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
57-12-5	Cyanide, Total	ND	1.0	0.22	U	UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-07
 Client ID : SB-10 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061721-E
 Sample Amount : 1.0136g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 14:30
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 13:02
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 87
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-08
 Client ID : SB-09 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061721-E
 Sample Amount : 1.0457g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:00
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 13:05
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 90
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.0	0.22	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-09
 Client ID : SB-08 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061721-E
 Sample Amount : 1.008g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:25
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 13:06
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 95
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.0	0.22	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-10
 Client ID : SB-06 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN061721-E
 Sample Amount : 1.0731g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/10/21 15:45
 Date Received : 06/10/21
 Date Analyzed : 06/17/21 13:07
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 89
 Date Digested : 06/16/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.0	0.22	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-11
 Client ID : SS-1
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-B
 Sample Amount : 1.0638g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:05
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 11:13
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 78
 Date Digested : 06/18/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.26	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-12
 Client ID : SS-2
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-B
 Sample Amount : 1.0203g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:35
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 11:16
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 89
 Date Digested : 06/18/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-13
 Client ID : SS-3
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-D
 Sample Amount : 1.0222g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:08
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 84
 Date Digested : 06/19/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.25	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-14
 Client ID : SS-4
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-B
 Sample Amount : 1.0601g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:45
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 11:17
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 86
 Date Digested : 06/18/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-15
 Client ID : SB-07 (18-20')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-D
 Sample Amount : 1.0097g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 08:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:12
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 93
 Date Digested : 06/19/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-16
 Client ID : SB-05 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-D
 Sample Amount : 1.0995g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:00
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:13
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 88
 Date Digested : 06/19/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.0	0.22	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-17
 Client ID : SB-04 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-D
 Sample Amount : 1.0536g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:14
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 88
 Date Digested : 06/19/21

CAS NO.	Parameter	mg/kg			Qualifier	
		Results	RL	MDL		
57-12-5	Cyanide, Total	ND	1.1	0.23	U	UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-18
 Client ID : SB-03 (2.5-5')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-D
 Sample Amount : 1.0321g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 09:55
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:17
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 89
 Date Digested : 06/19/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-19
 Client ID : SB-02 (12.5-15')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-D
 Sample Amount : 1.0188g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:15
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:18
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 88
 Date Digested : 06/19/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-20
 Client ID : SB-01 (5-5.75')
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-D
 Sample Amount : 1.0711g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 10:40
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:19
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 86
 Date Digested : 06/19/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U UJ



Form 1

WETCHEM

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : L2131407-21
 Client ID : DUP
 Sample Location : WEST NYACK, NY
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN062121-D
 Sample Amount : 1.0982g
 Digestion Method :

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : 06/11/21 07:30
 Date Received : 06/11/21
 Date Analyzed : 06/21/21 13:20
 Dilution Factor : 1
 Analyst : CR
 Instrument ID : LACHAT
 %Solids : 81
 Date Digested : 06/19/21

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U UJ



VOC Data Section



**QA/QC Review of Method 8260C Volatiles Data
for Alpha Analytical, SDG Number: L2131407**

**20 Soil Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Prepared by: Donald Anné
August 31, 2021

Geology

Hydrology

Remediation

Water Supply

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for acetone and 2-butanone were below the method minimums, but not below 0.010 for VOA100 on 06-02-21. The average RRFs for acetone, 2-butanone, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 for VOA111 on 06-09-21. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-butanone and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 on 06-16-21 (V11210616N01). The RRF for 4-methyl-2-pentanone was below the method minimum, but not below 0.010 on 06-17-21 (V00210617N01). The %Ds for 6 compounds (highlighted yellow on attached Form 7) were above the method maximum on 06-16-21 (V11210616A01). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the method maximum on 06-16-21 (V11210616N01). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for 6 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 06-16-21 (V11210616A01). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 06-16-21 (V11210616N01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG1513055-5BLANK contained traces of 2-butanone (3.9 ug/kg) and styrene (0.21 ug/kg). Method blank WG1513733-10BLANK a contained trace of styrene (0.40 ug/kg). Positive results for 2-butanone that are less than 10 times the method blank level should be considered not detected (U) in associated samples. Positive results for styrene that are less than 5 times the method blank level should be considered not detected (U) in associated samples.

Surrogate Recovery: One of four surrogate recoveries for the following samples was above control limits. Positive results for these samples should be considered estimated, biased high (+).

SB-09 (18-20')	SB-08 (18-20')	SB-07 (18-20')	SB-05 (2.5-5')
SB-05 (2.5-5') R	SB-04 (2.5-5')	SB-03 (2.5-5') R	SS-1
SS-3	SS-4		

Internal Standard Area Summary: The internal standard retention times were within control limits. Three of three internal standard areas for samples SB-05 (2.5-5') and SB-03 (2.5-5') and re-analysis of sample SB-05 (2.5-5') were below control limits, but not below 25%. One of three internal standard areas for sample SS-2 was below control limits, but not below 25%. Positive results for compounds quantitated using internal standards below control limits should be considered estimated, biased high (J+) and "not detected" results estimated (UJ) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum; 1 of 2 percent recoveries (%Rs) for carbon tetrachloride was above QC limits; and 2 of 2 %Rs for 23 compounds (highlighted yellow on attached Form 3) and 1 of 2 %Rs for methylcyclohexane were below QC limits, but not below 10% for soil MS/MSD sample SS-1. The "not detected" results for the 24 compounds with %Rs below QC limits should be considered estimated (UJ) in sample SS-1.

Field Duplicates: The analyses of soil field duplicate pair SS-1/DUP reported target compounds as either not detected or below the lowest standard in one or both samples; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil samples WG1513753-3/4.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for chloroethane, vinyl chloride, and bromomethane, and 1 of 2 %Rs for trichlorofluoromethane were below QC limits, but not below 10% for soil samples WG1513055-3/4. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for chloroethane, vinyl chloride, and bromomethane were below QC limits for soil samples WG1513055-8/9. Positive results for these compounds should be considered estimated, biased low (J-), and not detected” results estimated (UJ) in associated soil samples.

Compound ID: Checked compounds were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Surrogate Recovery Summary

Form 2

Volatiles

Client: TRC Solutions
Project Name: CHROMALLOY

Lab Number: L2131407
Project Number: 1902732021
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
SB-16 (6-8') (L2131407-01)	99	100	115	93	0
SB-15 (13-15') (L2131407-02)	99	99	112	92	0
SB-14 (18-20') (L2131407-03)	105	99	114	100	0
SB-13 (17-19') (L2131407-04)	109	99	112	102	0
SB-12 (18-20') (L2131407-05)	109	97	112	101	0
SB-11 (5-7') (L2131407-06)	112	97	112	104	0
SB-10 (18-20') (L2131407-07)	116	99	113	104	0
SB-09 (18-20') (L2131407-08)	140*	95	106	117	1
SB-08 (18-20') (L2131407-09)	145*	94	108	118	1
SB-06 (18-20') (L2131407-10)	117	98	110	105	0
SS-1 (L2131407-11)	144*	94	110	117	1
SS-2 (L2131407-12)	124	98	111	109	0
SS-3 (L2131407-13)	143*	94	108	118	1
SS-4 (L2131407-14)	142*	94	110	118	1
SB-07 (18-20') (L2131407-15)	143*	95	108	116	1
SB-05 (2.5-5') (L2131407-16R)	193*	90	103	129	1
SB-05 (2.5-5') (L2131407-16)	131*	97	109	110	1
SB-04 (2.5-5') (L2131407-17)	150*	94	108	120	1
SB-03 (2.5-5') (L2131407-18R)	135*	95	109	114	1
SB-03 (2.5-5') (L2131407-18)	130	96	110	112	0
SB-02 (12.5-15') (L2131407-19)	112	93	95	108	0
SB-01 (5-5.75') (L2131407-20)	112	94	97	108	0
DUP (L2131407-21)	117	92	96	108	0
WG1513055-10BLANK	129	95	112	110	0
SS-1MS	147*	95	106	118	1
SS-1MSD	141*	96	104	114	1
WG1513055-3LCS	94	101	119	93	0
WG1513055-4LCSD	88	102	121	89	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260HLW-R2



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513055-3 Analysis Date : 06/16/21 08:22 File ID : V11210616A01
 LCSD Sample ID : WG1513055-4 Analysis Date : 06/16/21 08:47 File ID : V11210616A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	40	39	98	40	36	91	7	70-130	30
1,1-Dichloroethane	40	40	101	40	39	98	3	70-130	30
Chloroform	40	35	88	40	33	84	5	70-130	30
Carbon tetrachloride	40	38	94	40	35	87	8	70-130	30
1,2-Dichloropropane	40	41	103	40	41	102	1	70-130	30
Dibromochloromethane	40	33	82	40	31	78	5	70-130	30
1,1,2-Trichloroethane	40	35	88	40	31	78	12	70-130	30
Tetrachloroethene	40	39	96	40	36	91	5	70-130	30
Chlorobenzene	40	37	94	40	36	91	3	70-130	30
Trichlorofluoromethane	40	33	82	40	28	69 Q	17	70-139	30
1,2-Dichloroethane	40	35	88	40	35	86	2	70-130	30
1,1,1-Trichloroethane	40	36	91	40	34	84	8	70-130	30
Bromodichloromethane	40	37	92	40	36	91	1	70-130	30
trans-1,3-Dichloropropene	40	39	98	40	39	98	0	70-130	30
cis-1,3-Dichloropropene	40	38	94	40	38	95	1	70-130	30
Bromoform	40	33	83	40	36	89	7	70-130	30
1,1,2,2-Tetrachloroethane	40	38	94	40	40	101	7	70-130	30
Benzene	40	35	87	40	34	84	4	70-130	30
Toluene	40	36	89	40	35	86	3	70-130	30
Ethylbenzene	40	38	95	40	37	92	3	70-130	30
Chloromethane	40	46	115	40	44	111	4	52-130	30
Bromomethane	40	18	46 Q	40	16	39 Q	16	57-147	30
Vinyl chloride	40	22	56 Q	40	20	49 Q	13	67-130	30
Chloroethane	40	17	41 Q	40	14	35 Q	16	50-151	30
1,1-Dichloroethene	40	38	95	40	35	88	8	65-135	30
trans-1,2-Dichloroethene	40	37	94	40	36	89	5	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513055-3 Analysis Date : 06/16/21 08:22 File ID : V11210616A01
 LCSD Sample ID : WG1513055-4 Analysis Date : 06/16/21 08:47 File ID : V11210616A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Trichloroethene	40	36	90	40	34	85	6	70-130	30
1,2-Dichlorobenzene	40	35	87	40	35	88	1	70-130	30
1,3-Dichlorobenzene	40	35	88	40	36	89	1	70-130	30
1,4-Dichlorobenzene	40	35	87	40	34	84	4	70-130	30
Methyl tert butyl ether	40	37	92	40	36	91	1	66-130	30
p/m-Xylene	80	71	89	80	68	85	5	70-130	30
o-Xylene	80	75	94	80	70	87	8	70-130	30
cis-1,2-Dichloroethene	40	36	90	40	35	87	3	70-130	30
Styrene	80	71	89	80	65	82	8	70-130	30
Dichlorodifluoromethane	40	38	95	40	35	87	9	30-146	30
Acetone	40	52	131	40	46	115	13	54-140	30
Carbon disulfide	40	38	95	40	32	81	16	59-130	30
2-Butanone	40	47	117	40	44	109	7	70-130	30
4-Methyl-2-pentanone	40	50	124	40	51	128	3	70-130	30
2-Hexanone	40	50	124	40	51	126	2	70-130	30
Bromochloromethane	40	34	84	40	33	82	2	70-130	30
1,2-Dibromoethane	40	35	87	40	35	87	0	70-130	30
1,2-Dibromo-3-chloropropane	40	38	95	40	42	105	10	68-130	30
Isopropylbenzene	40	41	101	40	40	100	1	70-130	30
1,2,3-Trichlorobenzene	40	39	99	40	40	101	2	70-130	30
1,2,4-Trichlorobenzene	40	41	103	40	42	105	2	70-130	30
Methyl Acetate	40	41	101	40	44	110	9	51-146	30
Cyclohexane	40	52	130	40	50	125	4	59-142	30
1,4-Dioxane	2000	2100	107	2000	2300	113	5	65-136	30
Freon-113	40	39	98	40	36	91	7	50-139	30
Methyl cyclohexane	40	41	102	40	39	98	4	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513055-8 Analysis Date : 06/16/21 19:19 File ID : V11210616N01
 LCSD Sample ID : WG1513055-9 Analysis Date : 06/16/21 19:44 File ID : V11210616N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	40	38	94	40	37	94	0	70-130	30
1,1-Dichloroethane	40	41	103	40	41	101	2	70-130	30
Chloroform	40	42	104	40	41	103	1	70-130	30
Carbon tetrachloride	40	50	125	40	49	123	2	70-130	30
1,2-Dichloropropane	40	38	95	40	38	95	0	70-130	30
Dibromochloromethane	40	39	97	40	39	97	0	70-130	30
1,1,2-Trichloroethane	40	33	83	40	33	83	0	70-130	30
Tetrachloroethene	40	40	100	40	38	96	4	70-130	30
Chlorobenzene	40	38	94	40	37	92	2	70-130	30
Trichlorofluoromethane	40	42	105	40	41	102	3	70-139	30
1,2-Dichloroethane	40	48	120	40	48	121	1	70-130	30
1,1,1-Trichloroethane	40	47	118	40	46	114	3	70-130	30
Bromodichloromethane	40	44	111	40	44	111	0	70-130	30
trans-1,3-Dichloropropene	40	42	104	40	42	105	1	70-130	30
cis-1,3-Dichloropropene	40	39	98	40	39	98	0	70-130	30
Bromoform	40	39	98	40	40	99	1	70-130	30
1,1,2,2-Tetrachloroethane	40	32	80	40	33	82	2	70-130	30
Benzene	40	34	85	40	33	83	2	70-130	30
Toluene	40	34	84	40	32	80	5	70-130	30
Ethylbenzene	40	38	94	40	36	91	3	70-130	30
Chloromethane	40	39	97	40	37	92	5	52-130	30
Bromomethane	40	22	56 Q	40	20	51 Q	9	57-147	30
Vinyl chloride	40	20	51 Q	40	19	48 Q	6	67-130	30
Chloroethane	40	17	43 Q	40	16	41 Q	5	50-151	30
1,1-Dichloroethene	40	38	95	40	36	90	5	65-135	30
trans-1,2-Dichloroethene	40	38	94	40	37	92	2	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513055-8 Analysis Date : 06/16/21 19:19 File ID : V11210616N01
 LCSD Sample ID : WG1513055-9 Analysis Date : 06/16/21 19:44 File ID : V11210616N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Trichloroethene	40	39	97	40	39	96	1	70-130	30
1,2-Dichlorobenzene	40	35	88	40	34	86	2	70-130	30
1,3-Dichlorobenzene	40	36	90	40	34	85	6	70-130	30
1,4-Dichlorobenzene	40	34	86	40	34	84	2	70-130	30
Methyl tert butyl ether	40	42	106	40	43	107	1	66-130	30
p/m-Xylene	80	70	88	80	67	84	5	70-130	30
o-Xylene	80	72	90	80	69	86	5	70-130	30
cis-1,2-Dichloroethene	40	37	94	40	37	92	2	70-130	30
Styrene	80	69	86	80	67	84	2	70-130	30
Dichlorodifluoromethane	40	43	107	40	42	105	2	30-146	30
Acetone	40	43	107	40	47	116	8	54-140	30
Carbon disulfide	40	32	80	40	31	78	3	59-130	30
2-Butanone	40	42	104	40	44	110	6	70-130	30
4-Methyl-2-pentanone	40	43	107	40	44	109	2	70-130	30
2-Hexanone	40	40	100	40	42	104	4	70-130	30
Bromochloromethane	40	37	94	40	38	94	0	70-130	30
1,2-Dibromoethane	40	36	90	40	37	91	1	70-130	30
1,2-Dibromo-3-chloropropane	40	41	103	40	42	105	2	68-130	30
Isopropylbenzene	40	38	94	40	36	90	4	70-130	30
1,2,3-Trichlorobenzene	40	41	103	40	41	103	0	70-130	30
1,2,4-Trichlorobenzene	40	42	106	40	42	104	2	70-130	30
Methyl Acetate	40	40	99	40	42	105	6	51-146	30
Cyclohexane	40	47	117	40	45	112	4	59-142	30
1,4-Dioxane	2000	2100	105	2000	2200	109	4	65-136	30
Freon-113	40	42	105	40	39	97	8	50-139	30
Methyl cyclohexane	40	38	95	40	37	92	3	70-130	30



Matrix Spike Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : SS-1
 Lab Sample ID : L2131407-11
 Matrix Spike : WG1513055-11
 Matrix Spike Dup : WG1513055-12

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 Analysis Date : 06/17/21 01:18
 MS Analysis Date : 06/17/21 05:35
 MSD Analysis Date : 06/17/21 06:01

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Methylene chloride	ND	128	110	84	124	100	84	4	70-130	30
1,1-Dichloroethane	ND	128	130	101	124	120	99	6	70-130	30
Chloroform	ND	128	130	100	124	120	97	6	70-130	30
Carbon tetrachloride	ND	128	170	129	124	170	132 Q	1	70-130	30
1,2-Dichloropropane	ND	128	100	78	124	95	76	5	70-130	30
Dibromochloromethane	ND	128	93	72	124	87	70	6	70-130	30
1,1,2-Trichloroethane	ND	128	79	62 Q	124	75	60 Q	6	70-130	30
Tetrachloroethene	ND	128	77	60 Q	124	76	61 Q	2	70-130	30
Chlorobenzene	ND	128	67	52 Q	124	61	49 Q	9	70-130	30
Trichlorofluoromethane	ND	128	160	128	124	170	135	2	70-139	30
1,2-Dichloroethane	ND	128	150	113	124	130	108	8	70-130	30
1,1,1-Trichloroethane	ND	128	160	126	124	160	125	3	70-130	30
Bromodichloromethane	ND	128	130	98	124	120	95	7	70-130	30
trans-1,3-Dichloropropene	ND	128	83	65 Q	124	78	63 Q	7	70-130	30
cis-1,3-Dichloropropene	ND	128	85	66 Q	124	80	64 Q	6	70-130	30
Bromoform	ND	128	86	67 Q	124	79	63 Q	9	70-130	30
1,1,2,2-Tetrachloroethane	ND	128	64	50 Q	124	60	48 Q	6	70-130	30
Benzene	ND	128	93	72	124	89	71	5	70-130	30
Toluene	ND	128	73	57 Q	124	68	55 Q	7	70-130	30
Ethylbenzene	ND	128	65	50 Q	124	57	46 Q	12	70-130	30
Chloromethane	ND	128	120	90	124	110	92	1	52-130	30
Bromomethane	ND	128	75	58	124	75	60	1	57-147	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513753-3 Analysis Date : 06/17/21 16:00 File ID : V00210617N01
 LCSD Sample ID : WG1513753-4 Analysis Date : 06/17/21 16:26 File ID : V00210617N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Trichloroethene	40	40	99	40	40	99	0	70-130	30
1,2-Dichlorobenzene	40	35	86	40	35	88	2	70-130	30
1,3-Dichlorobenzene	40	35	86	40	35	88	2	70-130	30
1,4-Dichlorobenzene	40	34	84	40	34	84	0	70-130	30
Methyl tert butyl ether	40	40	100	40	39	98	2	66-130	30
p/m-Xylene	80	70	87	80	71	89	2	70-130	30
o-Xylene	80	72	90	80	73	91	1	70-130	30
cis-1,2-Dichloroethene	40	39	98	40	40	99	1	70-130	30
Styrene	80	74	93	80	76	94	1	70-130	30
Dichlorodifluoromethane	40	36	91	40	36	90	1	30-146	30
Acetone	40	37	93	40	41	103	10	54-140	30
Carbon disulfide	40	35	87	40	35	87	0	59-130	30
2-Butanone	40	36	90	40	33	82	9	70-130	30
4-Methyl-2-pentanone	40	36	91	40	36	91	0	70-130	30
2-Hexanone	40	33	81	40	33	82	1	70-130	30
Bromochloromethane	40	42	106	40	42	106	0	70-130	30
1,2-Dibromoethane	40	36	89	40	36	90	1	70-130	30
1,2-Dibromo-3-chloropropane	40	33	83	40	33	83	0	68-130	30
Isopropylbenzene	40	34	86	40	34	86	0	70-130	30
1,2,3-Trichlorobenzene	40	36	90	40	36	90	0	70-130	30
1,2,4-Trichlorobenzene	40	36	89	40	37	92	3	70-130	30
Methyl Acetate	40	37	91	40	36	90	1	51-146	30
Cyclohexane	40	37	92	40	36	91	1	59-142	30
1,4-Dioxane	2000	2200	109	2000	2200	107	2	65-136	30
Freon-113	40	38	96	40	38	96	0	50-139	30
Methyl cyclohexane	40	37	93	40	38	94	1	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513753-3 Analysis Date : 06/17/21 16:00 File ID : V00210617N01
 LCSD Sample ID : WG1513753-4 Analysis Date : 06/17/21 16:26 File ID : V00210617N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	40	36	91	40	36	89	2	70-130	30
1,1-Dichloroethane	40	37	92	40	37	93	1	70-130	30
Chloroform	40	40	100	40	40	100	0	70-130	30
Carbon tetrachloride	40	42	105	40	42	106	1	70-130	30
1,2-Dichloropropane	40	38	94	40	37	93	1	70-130	30
Dibromochloromethane	40	36	90	40	37	92	2	70-130	30
1,1,2-Trichloroethane	40	35	86	40	36	89	3	70-130	30
Tetrachloroethene	40	37	93	40	38	94	1	70-130	30
Chlorobenzene	40	36	89	40	36	90	1	70-130	30
Trichlorofluoromethane	40	40	100	40	40	99	1	70-139	30
1,2-Dichloroethane	40	41	103	40	41	103	0	70-130	30
1,1,1-Trichloroethane	40	42	105	40	42	104	1	70-130	30
Bromodichloromethane	40	42	105	40	42	104	1	70-130	30
trans-1,3-Dichloropropene	40	38	95	40	38	96	1	70-130	30
cis-1,3-Dichloropropene	40	41	104	40	42	104	0	70-130	30
Bromoform	40	37	93	40	38	94	1	70-130	30
1,1,2,2-Tetrachloroethane	40	33	83	40	33	82	1	70-130	30
Benzene	40	38	94	40	37	93	1	70-130	30
Toluene	40	34	84	40	34	86	2	70-130	30
Ethylbenzene	40	35	88	40	36	89	1	70-130	30
Chloromethane	40	32	81	40	31	78	4	52-130	30
Bromomethane	40	39	97	40	38	95	2	57-147	30
Vinyl chloride	40	37	91	40	35	87	4	67-130	30
Chloroethane	40	37	92	40	37	91	1	50-151	30
1,1-Dichloroethene	40	38	95	40	38	94	1	65-135	30
trans-1,2-Dichloroethene	40	38	96	40	38	96	0	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513055-8 Analysis Date : 06/16/21 19:19 File ID : V11210616N01
 LCSD Sample ID : WG1513055-9 Analysis Date : 06/16/21 19:44 File ID : V11210616N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Trichloroethene	40	39	97	40	39	96	1	70-130	30
1,2-Dichlorobenzene	40	35	88	40	34	86	2	70-130	30
1,3-Dichlorobenzene	40	36	90	40	34	85	6	70-130	30
1,4-Dichlorobenzene	40	34	86	40	34	84	2	70-130	30
Methyl tert butyl ether	40	42	106	40	43	107	1	66-130	30
p/m-Xylene	80	70	88	80	67	84	5	70-130	30
o-Xylene	80	72	90	80	69	86	5	70-130	30
cis-1,2-Dichloroethene	40	37	94	40	37	92	2	70-130	30
Styrene	80	69	86	80	67	84	2	70-130	30
Dichlorodifluoromethane	40	43	107	40	42	105	2	30-146	30
Acetone	40	43	107	40	47	116	8	54-140	30
Carbon disulfide	40	32	80	40	31	78	3	59-130	30
2-Butanone	40	42	104	40	44	110	6	70-130	30
4-Methyl-2-pentanone	40	43	107	40	44	109	2	70-130	30
2-Hexanone	40	40	100	40	42	104	4	70-130	30
Bromochloromethane	40	37	94	40	38	94	0	70-130	30
1,2-Dibromoethane	40	36	90	40	37	91	1	70-130	30
1,2-Dibromo-3-chloropropane	40	41	103	40	42	105	2	68-130	30
Isopropylbenzene	40	38	94	40	36	90	4	70-130	30
1,2,3-Trichlorobenzene	40	41	103	40	41	103	0	70-130	30
1,2,4-Trichlorobenzene	40	42	106	40	42	104	2	70-130	30
Methyl Acetate	40	40	99	40	42	105	6	51-146	30
Cyclohexane	40	47	117	40	45	112	4	59-142	30
1,4-Dioxane	2000	2100	105	2000	2200	109	4	65-136	30
Freon-113	40	42	105	40	39	97	8	50-139	30
Methyl cyclohexane	40	38	95	40	37	92	3	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513055-8 Analysis Date : 06/16/21 19:19 File ID : V11210616N01
 LCSD Sample ID : WG1513055-9 Analysis Date : 06/16/21 19:44 File ID : V11210616N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	40	38	94	40	37	94	0	70-130	30
1,1-Dichloroethane	40	41	103	40	41	101	2	70-130	30
Chloroform	40	42	104	40	41	103	1	70-130	30
Carbon tetrachloride	40	50	125	40	49	123	2	70-130	30
1,2-Dichloropropane	40	38	95	40	38	95	0	70-130	30
Dibromochloromethane	40	39	97	40	39	97	0	70-130	30
1,1,2-Trichloroethane	40	33	83	40	33	83	0	70-130	30
Tetrachloroethene	40	40	100	40	38	96	4	70-130	30
Chlorobenzene	40	38	94	40	37	92	2	70-130	30
Trichlorofluoromethane	40	42	105	40	41	102	3	70-139	30
1,2-Dichloroethane	40	48	120	40	48	121	1	70-130	30
1,1,1-Trichloroethane	40	47	118	40	46	114	3	70-130	30
Bromodichloromethane	40	44	111	40	44	111	0	70-130	30
trans-1,3-Dichloropropene	40	42	104	40	42	105	1	70-130	30
cis-1,3-Dichloropropene	40	39	98	40	39	98	0	70-130	30
Bromoform	40	39	98	40	40	99	1	70-130	30
1,1,2,2-Tetrachloroethane	40	32	80	40	33	82	2	70-130	30
Benzene	40	34	85	40	33	83	2	70-130	30
Toluene	40	34	84	40	32	80	5	70-130	30
Ethylbenzene	40	38	94	40	36	91	3	70-130	30
Chloromethane	40	39	97	40	37	92	5	52-130	30
Bromomethane	40	22	56 Q	40	20	51 Q	9	57-147	30
Vinyl chloride	40	20	51 Q	40	19	48 Q	6	67-130	30
Chloroethane	40	17	43 Q	40	16	41 Q	5	50-151	30
1,1-Dichloroethene	40	38	95	40	36	90	5	65-135	30
trans-1,2-Dichloroethene	40	38	94	40	37	92	2	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513055-3 Analysis Date : 06/16/21 08:22 File ID : V11210616A01
 LCSD Sample ID : WG1513055-4 Analysis Date : 06/16/21 08:47 File ID : V11210616A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Trichloroethene	40	36	90	40	34	85	6	70-130	30
1,2-Dichlorobenzene	40	35	87	40	35	88	1	70-130	30
1,3-Dichlorobenzene	40	35	88	40	36	89	1	70-130	30
1,4-Dichlorobenzene	40	35	87	40	34	84	4	70-130	30
Methyl tert butyl ether	40	37	92	40	36	91	1	66-130	30
p/m-Xylene	80	71	89	80	68	85	5	70-130	30
o-Xylene	80	75	94	80	70	87	8	70-130	30
cis-1,2-Dichloroethene	40	36	90	40	35	87	3	70-130	30
Styrene	80	71	89	80	65	82	8	70-130	30
Dichlorodifluoromethane	40	38	95	40	35	87	9	30-146	30
Acetone	40	52	131	40	46	115	13	54-140	30
Carbon disulfide	40	38	95	40	32	81	16	59-130	30
2-Butanone	40	47	117	40	44	109	7	70-130	30
4-Methyl-2-pentanone	40	50	124	40	51	128	3	70-130	30
2-Hexanone	40	50	124	40	51	126	2	70-130	30
Bromochloromethane	40	34	84	40	33	82	2	70-130	30
1,2-Dibromoethane	40	35	87	40	35	87	0	70-130	30
1,2-Dibromo-3-chloropropane	40	38	95	40	42	105	10	68-130	30
Isopropylbenzene	40	41	101	40	40	100	1	70-130	30
1,2,3-Trichlorobenzene	40	39	99	40	40	101	2	70-130	30
1,2,4-Trichlorobenzene	40	41	103	40	42	105	2	70-130	30
Methyl Acetate	40	41	101	40	44	110	9	51-146	30
Cyclohexane	40	52	130	40	50	125	4	59-142	30
1,4-Dioxane	2000	2100	107	2000	2300	113	5	65-136	30
Freon-113	40	39	98	40	36	91	7	50-139	30
Methyl cyclohexane	40	41	102	40	39	98	4	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1513055-3 Analysis Date : 06/16/21 08:22 File ID : V11210616A01
 LCSD Sample ID : WG1513055-4 Analysis Date : 06/16/21 08:47 File ID : V11210616A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	40	39	98	40	36	91	7	70-130	30
1,1-Dichloroethane	40	40	101	40	39	98	3	70-130	30
Chloroform	40	35	88	40	33	84	5	70-130	30
Carbon tetrachloride	40	38	94	40	35	87	8	70-130	30
1,2-Dichloropropane	40	41	103	40	41	102	1	70-130	30
Dibromochloromethane	40	33	82	40	31	78	5	70-130	30
1,1,2-Trichloroethane	40	35	88	40	31	78	12	70-130	30
Tetrachloroethene	40	39	96	40	36	91	5	70-130	30
Chlorobenzene	40	37	94	40	36	91	3	70-130	30
Trichlorofluoromethane	40	33	82	40	28	69 Q	17	70-139	30
1,2-Dichloroethane	40	35	88	40	35	86	2	70-130	30
1,1,1-Trichloroethane	40	36	91	40	34	84	8	70-130	30
Bromodichloromethane	40	37	92	40	36	91	1	70-130	30
trans-1,3-Dichloropropene	40	39	98	40	39	98	0	70-130	30
cis-1,3-Dichloropropene	40	38	94	40	38	95	1	70-130	30
Bromoform	40	33	83	40	36	89	7	70-130	30
1,1,2,2-Tetrachloroethane	40	38	94	40	40	101	7	70-130	30
Benzene	40	35	87	40	34	84	4	70-130	30
Toluene	40	36	89	40	35	86	3	70-130	30
Ethylbenzene	40	38	95	40	37	92	3	70-130	30
Chloromethane	40	46	115	40	44	111	4	52-130	30
Bromomethane	40	18	46 Q	40	16	39 Q	16	57-147	30
Vinyl chloride	40	22	56 Q	40	20	49 Q	13	67-130	30
Chloroethane	40	17	41 Q	40	14	35 Q	16	50-151	30
1,1-Dichloroethene	40	38	95	40	35	88	8	65-135	30
trans-1,2-Dichloroethene	40	37	94	40	36	89	5	70-130	30



Surrogate Recovery Summary

Form 2

Volatiles

Client: TRC Solutions
Project Name: CHROMALLOY

Lab Number: L2131407
Project Number: 1902732021
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
WG1513055-5BLANK	115	101	116	100	0
WG1513055-8LCS	124	98	107	105	0
WG1513055-9LCSD	130	96	110	107	0
WG1513753-3LCS	106	94	97	107	0
WG1513753-4LCSD	103	93	96	105	0
WG1513753-5BLANK	104	93	95	105	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260HLW-R2



Surrogate Recovery Summary

Form 2

Volatiles

Client: TRC Solutions
Project Name: CHROMALLOY

Lab Number: L2131407
Project Number: 1902732021
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
SB-16 (6-8') (L2131407-01)	99	100	115	93	0
SB-15 (13-15') (L2131407-02)	99	99	112	92	0
SB-14 (18-20') (L2131407-03)	105	99	114	100	0
SB-13 (17-19') (L2131407-04)	109	99	112	102	0
SB-12 (18-20') (L2131407-05)	109	97	112	101	0
SB-11 (5-7') (L2131407-06)	112	97	112	104	0
SB-10 (18-20') (L2131407-07)	116	99	113	104	0
SB-09 (18-20') (L2131407-08)	140*	95	106	117	1
SB-08 (18-20') (L2131407-09)	145*	94	108	118	1
SB-06 (18-20') (L2131407-10)	117	98	110	105	0
SS-1 (L2131407-11)	144*	94	110	117	1
SS-2 (L2131407-12)	124	98	111	109	0
SS-3 (L2131407-13)	143*	94	108	118	1
SS-4 (L2131407-14)	142*	94	110	118	1
SB-07 (18-20') (L2131407-15)	143*	95	108	116	1
SB-05 (2.5-5') (L2131407-16R)	193*	90	103	129	1
SB-05 (2.5-5') (L2131407-16)	131*	97	109	110	1
SB-04 (2.5-5') (L2131407-17)	150*	94	108	120	1
SB-03 (2.5-5') (L2131407-18R)	135*	95	109	114	1
SB-03 (2.5-5') (L2131407-18)	130	96	110	112	0
SB-02 (12.5-15') (L2131407-19)	112	93	95	108	0
SB-01 (5-5.75') (L2131407-20)	112	94	97	108	0
DUP (L2131407-21)	117	92	96	108	0
WG1513055-10BLANK	129	95	112	110	0
SS-1MS	147*	95	106	118	1
SS-1MSD	141*	96	104	114	1
WG1513055-3LCS	94	101	119	93	0
WG1513055-4LCSD	88	102	121	89	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260HLW-R2



Internal Standard Area and RT Summary

Form 8a

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Sample No : WG1513055-2

Lab Number : L2131407
 Project Number : 1902732021
 Analysis Date : 06/16/21 08:22:00
 Lab File ID : V11210616A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1513055-2	211117	5.40	168288	8.85	97953	11.70
Upper Limit	422234	5.90	336576	9.35	195906	12.20
Lower Limit	105559	4.90	84144	8.35	48977	11.20
Sample ID						
WG1513055-3 LCS	211117	5.40	168288	8.85	97953	11.70
WG1513055-4 LCSD	221389	5.40	176391	8.85	89941	11.70
WG1513055-5 BLANK	166961	5.40	160075	8.85	83716	11.70
SB-16 (6-8')	196810	5.40	159867	8.85	83876	11.70
SB-15 (13-15')	177068	5.40	158127	8.86	83184	11.70
SB-14 (18-20')	150695	5.40	121258	8.86	65056	11.70
SB-13 (17-19')	143750	5.40	119762	8.86	64097	11.70
SB-12 (18-20')	141640	5.40	116119	8.85	62879	11.70
SB-11 (5-7')	137424	5.40	115114	8.86	62178	11.70
SB-10 (18-20')	130505	5.40	106769	8.86	58207	11.70
SB-06 (18-20')	117038	5.40	96220	8.86	52497	11.70
SS-2	107431	5.40	89464	8.86	48594*	11.70
SB-05 (2.5-5')	89430*	5.40	75707*	8.86	41614*	11.70
SB-03 (2.5-5')	84625*	5.40	72341*	8.86	39769*	11.70
WG1513055-6 BFB	-	-	-	-	-	-

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary

Form 8a

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Sample No : WG1513055-7

Lab Number : L2131407
 Project Number : 1902732021
 Analysis Date : 06/16/21 19:19:00
 Lab File ID : V11210616N01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1513055-7	94804	5.40	79729	8.85	46581	11.70
Upper Limit	189608	5.90	159458	9.35	93162	12.20
Lower Limit	47402	4.90	39865	8.35	23291	11.20
Sample ID						
WG1513055-8 LCS	94804	5.40	79729	8.85	46581	11.70
WG1513055-9 LCSD	93359	5.40	80341	8.85	47311	11.70
WG1513055-10 BLANK	82416	5.40	72024	8.85	40262	11.70
SB-03 (2.5-5')	71872	5.40	62172	8.86	35193	11.70
SB-04 (2.5-5')	65117	5.40	59883	8.86	33940	11.70
SB-05 (2.5-5')	36058*	5.40	34075*	8.86	20769*	11.70
SB-07 (18-20')	68921	5.40	61242	8.86	34571	11.70
SS-4	68155	5.40	59870	8.86	32724	11.70
SS-3	67112	5.40	59245	8.86	32988	11.70
SS-1	65495	5.40	57989	8.86	31658	11.70
SB-09 (18-20')	65458	5.40	57428	8.86	32804	11.70
SB-08 (18-20')	64122	5.40	57230	8.86	32275	11.70
SS-1 MS	65029	5.40	58592	8.86	35277	11.70
SS-1 MSD	66695	5.40	59233	8.85	36381	11.70

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : WG1513055-5
 Client ID : WG1513055-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 06/16/21 10:05
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : WG1513055-5
 Client ID : WG1513055-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 06/16/21 10:05
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	0.21	1.0	0.20	J
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	3.9	10	2.2	J
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : WG1513055-5
 Client ID : WG1513055-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V11210616A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 06/16/21 10:05
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : WG1513753-5
 Client ID : WG1513753-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 06/17/21 17:43
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : WG1513753-5
 Client ID : WG1513753-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 06/17/21 17:43
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	0.40	1.0	0.20	J
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab ID : WG1513753-5
 Client ID : WG1513753-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : V00210617N05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2131407
 Project Number : 1902732021
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 06/17/21 17:43
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA100
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Initial Calibration Summary

Form 6

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA100
 Calibration dates : 06/02/21 14:46 06/02/21 18:11

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL18027

Calibration Files

0.5 =V00210602A04.D 1.0 =V00210602A05.D 2.0 =V00210602A06.D 4.0 =V00210602A07.D 20 =V00210602A08.D
 40 =V00210602A09.D 100 =V00210602A10.D 200 =V00210602A11.D 300 =V00210602A12.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1) I	Fluorobenzene	-----ISTD-----										
2) TP	Dichlorodifluo	0.238	0.221	0.227	0.197	0.198	0.192	0.197	0.220	0.211		8.24
3) TP	Chloromethane	0.357	0.342	0.333	0.290	0.282	0.265	0.269	0.290	0.303		11.62
4) TC	Vinyl chloride	0.272	0.284	0.287	0.250	0.251	0.244	0.252	0.278	0.265		6.54
5) TP	Bromomethane	0.203	0.210	0.189	0.152	0.141	0.136	0.146	0.164	*L		0.9943
6) TP	Chloroethane	0.170	0.177	0.177	0.156	0.157	0.143	0.139	0.137	0.157		10.40
7) TP	Trichlorofluor	0.350	0.363	0.366	0.318	0.318	0.308	0.313	0.345	0.335		6.97
8) TP	Ethyl ether	0.097	0.111	0.116	0.115	0.119	0.118	0.117	0.123	0.114		6.71
10) TC	1,1-Dichloroet	0.204	0.201	0.201	0.183	0.181	0.176	0.183	0.204	0.192		6.18
11) TP	Carbon disulfide		0.813	0.751	0.610	0.618	0.592	0.610	0.678	0.668		12.65
12) TP	Freon-113	0.203	0.208	0.221	0.188	0.184	0.180	0.181	0.201	0.196		7.54
14) TP	Acrolein			0.021	0.025	0.025	0.027	0.027	0.028	0.026#		10.49
15) TP	Methylene chlo			0.313	0.230	0.232	0.222	0.223	0.237	0.243		14.40
17) TP	Acetone		0.053	0.057	0.042	0.047	0.046	0.045	0.046	*L		0.9993
18) TP	trans-1,2-Dich	0.220	0.223	0.230	0.210	0.216	0.209	0.215	0.233	0.220		3.95
19) TP	Methyl acetate		0.091	0.113	0.108	0.118	0.119	0.118	0.121	0.113		9.36
20) TP	Methyl tert butyl ether	0.562	0.574	0.582	0.579	0.600	0.606	0.597	0.621	0.590		3.27
21) TP	tert-Butyl alc	0.021	0.019	0.021	0.021	0.022	0.022	0.022	0.023	0.021#		6.27
22) TP	Diisopropyl ether	0.810	0.809	0.805	0.825	0.842	0.827	0.813	0.831	0.820		1.58
23) TP	1,1-Dichloroet	0.505	0.474	0.482	0.445	0.455	0.442	0.442	0.470	0.464		4.83
24) TP	Halothane	0.172	0.166	0.164	0.155	0.156	0.152	0.154	0.167	0.161		4.61
25) TP	Acrylonitrile			0.048	0.058	0.067	0.069	0.067	0.069	*L		0.9996
26) TP	Ethyl tert-but	0.732	0.740	0.747	0.772	0.788	0.787	0.773	0.796	0.767		3.15
27) TP	Vinyl acetate			0.410	0.480	0.533	0.536	0.522	0.532	0.502		9.90
28) TP	cis-1,2-Dichlo	0.216	0.234	0.246	0.234	0.243	0.234	0.237	0.253	0.237		4.65
29) TP	2,2-Dichloropr	0.343	0.351	0.368	0.339	0.344	0.336	0.339	0.367	0.348		3.61
31) TP	Bromochloromet	0.087	0.090	0.098	0.103	0.105	0.102	0.101	0.103	0.099		6.68
32) TP	Cyclohexane	0.476	0.474	0.494	0.447	0.447	0.432	0.423	0.457	0.456		5.24
33) TC	Chloroform	0.432	0.424	0.440	0.398	0.423	0.406	0.406	0.429	0.420		3.49
34) TP	Ethyl acetate		0.135	0.143	0.177	0.188	0.188	0.180	0.184	0.171		12.87
35) TP	Carbon tetrach	0.312	0.317	0.368	0.319	0.322	0.312	0.315	0.342	0.326		6.01
36) TP	Tetrahydrofuran		0.051	0.058	0.058	0.058	0.055	0.052	0.052	0.055		5.98
37) S	Dibromofluoromethane	0.231	0.231	0.231	0.232	0.236	0.234	0.237	0.238	0.235	0.234	1.17
38) TP	1,1,1-Trichloroethane	0.336	0.351	0.352	0.366	0.338	0.342	0.332	0.333	0.361	0.346	3.59
40) TP	2-Butanone			0.042	0.062	0.070	0.076	0.075	0.077	*L		0.9995
41) TP	1,1-Dichloropropene	0.302	0.309	0.311	0.324	0.306	0.312	0.295	0.298	0.324	0.309	3.28



Initial Calibration Summary

Form 6

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA100
 Calibration dates : 06/02/21 14:46 06/02/21 18:11

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL18027

Calibration Files

0.5 =V00210602A04.D 1.0 =V00210602A05.D 2.0 =V00210602A06.D 4.0 =V00210602A07.D 20 =V00210602A08.D
 40 =V00210602A09.D 100 =V00210602A10.D 200 =V00210602A11.D 300 =V00210602A12.D

Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
42) TP Benzene	0.984	0.877	0.891	0.890	0.872	0.877	0.842	0.847	0.909	0.888	4.70
43) TP Tertiary-Amyl Methyl Ether		0.543	0.565	0.572	0.586	0.613	0.615	0.608	0.632	0.592	5.12
44) S 1,2-Dichloroethane-d4	0.258	0.264	0.251	0.262	0.260	0.260	0.262	0.266	0.259	0.260	1.54
45) TP 1,2-Dichloroet		0.298	0.309	0.316	0.316	0.317	0.309	0.300	0.308	0.309	2.29
48) TP Methyl cyclohe		0.410	0.428	0.444	0.378	0.379	0.361	0.360	0.398	0.395	7.84
49) TP Trichloroethene	0.219	0.232	0.229	0.234	0.223	0.220	0.213	0.214	0.230	0.224	3.44
51) TP Dibromomethane		0.102	0.109	0.113	0.117	0.122	0.121	0.119	0.124	0.116	6.38
52) TC 1,2-Dichloropr		0.238	0.250	0.270	0.258	0.266	0.258	0.258	0.268	0.258	4.06
54) TP 2-Chloroethyl				0.097	0.108	0.122	0.124	0.123	0.130	0.117	10.68
55) TP Bromodichloromethane	0.266	0.287	0.294	0.302	0.303	0.312	0.308	0.307	0.323	0.300	5.47
58) TP 1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	*L	0.9996
59) TP cis-1,3-Dichloropropene	0.274	0.295	0.316	0.349	0.359	0.377	0.375	0.375	0.396	0.346	12.09
60) I Chlorobenzene-d5	-----ISTD-----										
61) S Toluene-d8	1.416	1.416	1.414	1.422	1.414	1.401	1.402	1.388	1.392	1.407	0.85
62) TC Toluene		0.920	0.896	0.941	0.826	0.822	0.788	0.775	0.843	0.851	7.17
63) TP 4-Methyl-2-pen			0.074	0.096	0.107	0.115	0.118	0.111	0.117	0.105	14.94
64) TP Tetrachloroethene	0.323	0.323	0.363	0.362	0.327	0.330	0.320	0.312	0.342	0.334	5.49
66) TP trans-1,3-Dich		0.342	0.358	0.424	0.463	0.475	0.481	0.471	0.497	0.439	13.37
68) TP Ethyl methacry				0.265	0.340	0.366	0.374	0.363	0.382	0.348	12.43
69) TP 1,1,2-Trichlor		0.188	0.219	0.235	0.218	0.217	0.215	0.203	0.214	0.214	6.31
70) TP Chlorodibromomethane	0.206	0.230	0.244	0.287	0.311	0.322	0.320	0.312	0.328	*L	0.9994
71) TP 1,3-Dichloropr		0.375	0.420	0.454	0.466	0.465	0.464	0.441	0.464	0.444	7.24
72) TP 1,2-Dibromoethane	0.135	0.187	0.207	0.218	0.240	0.249	0.248	0.239	0.251	*L	0.9995
73) TP 2-Hexanone				0.140	0.160	0.174	0.176	0.168	0.177	0.166	8.55
74) TP Chlorobenzene	0.895	0.885	0.892	0.913	0.893	0.898	0.866	0.849	0.907	0.889	2.23
75) TC Ethylbenzene		1.598	1.621	1.683	1.574	1.557	1.493	1.479	1.597	1.575	4.22
76) TP 1,1,1,2-Tetrachloroethane	0.351	0.289	0.307	0.319	0.323	0.325	0.321	0.313	0.330	0.320	5.31
77) TP p/m Xylene	0.706	0.607	0.614	0.635	0.601	0.599	0.570	0.557	0.595	0.609	7.06
78) TP o Xylene	0.616	0.542	0.572	0.591	0.587	0.580	0.557	0.540	0.576	0.574	4.25
79) TP Styrene	0.900	0.838	0.856	0.924	0.984	0.983	0.958	0.931	0.988	0.929	5.98
80) I 1,4-Dichlorobenzene-d4	-----ISTD-----										
81) TP Bromoform		0.275	0.295	0.316	0.353	0.366	0.375	0.362	0.387	0.341	11.92
83) TP Isopropylbenzene		2.861	3.000	3.058	2.962	2.966	2.889	2.870	3.181	2.973	3.64
84) S 4-Bromofluorobenzene	0.958	0.945	0.944	0.940	0.945	0.930	0.932	0.933	0.950	0.942	1.00
85) TP Bromobenzene		0.672	0.676	0.683	0.680	0.692	0.684	0.671	0.718	0.685	2.22
86) TP n-Propylbenzene		3.538	3.600	3.645	3.446	3.455	3.382	3.356	3.717	3.517	3.67



Initial Calibration Summary

Form 6

Volatiles

Client : TRC Solutions
Project Name : CHROMALLOY
Instrument ID : VOA100
Calibration dates : 06/02/21 14:46 06/02/21 18:11
Lab Number : L2131407
Project Number : 1902732021
Ical Ref : ICAL18027

Calibration Files

0.5 =V00210602A04.D 1.0 =V00210602A05.D 2.0 =V00210602A06.D 4.0 =V00210602A07.D 20 =V00210602A08.D
 40 =V00210602A09.D 100 =V00210602A10.D 200 =V00210602A11.D 300 =V00210602A12.D

Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
87) TP 1,4-Dichlorobu	0.998	0.967	1.023	1.005	1.026	1.022	0.954	0.991	0.998		2.67
88) TP 1,1,2,2-Tetrachloroethane	0.565	0.602	0.593	0.602	0.591	0.598	0.608	0.577	0.614	0.594	2.56
89) TP 4-Ethyltoluene	2.815	2.889	2.988	2.875	2.903	2.837	2.810	3.091	2.901		3.31
90) TP 2-Chlorotoluene	2.403	2.437	2.384	2.063	2.086	2.014	1.998	2.156	2.193		8.44
91) TP 1,3,5-Trimethy	2.450	2.384	2.647	2.460	2.455	2.380	2.370	2.583	2.466		4.06
92) TP 1,2,3-Trichlor	0.462	0.481	0.510	0.485	0.488	0.493	0.466	0.493	0.485		3.21
93) TP trans-1,4-Dich	0.148	0.163	0.180	0.191	0.194	0.188	0.197	0.180			10.17
94) TP 4-Chlorotoluene	2.170	2.176	2.209	2.094	2.101	2.062	2.051	2.225	2.136		3.16
95) TP tert-Butylbenzene	2.038	2.101	2.162	2.077	2.045	2.007	1.987	2.184	2.075		3.40
98) TP 1,2,4-Trimethy	2.193	2.287	2.474	2.405	2.411	2.365	2.358	2.566	2.382		4.73
99) TP sec-Butylbenzene	3.246	3.291	3.337	3.125	3.098	3.012	2.996	3.321	3.178		4.33
100) TP p-Isopropyltol	2.627	2.679	2.779	2.689	2.656	2.603	2.592	2.863	2.686		3.45
101) TP 1,3-Dichlorobe	1.303	1.330	1.397	1.361	1.340	1.328	1.308	1.415	1.348		3.01
102) TP 1,4-Dichlorobe	1.488	1.416	1.478	1.368	1.345	1.330	1.314	1.412	1.394		4.71
103) TP p-Diethylbenzene	1.553	1.508	1.580	1.556	1.569	1.542	1.528	1.706	1.568		3.84
104) TP n-Butylbenzene	2.283	2.421	2.491	2.377	2.355	2.303	2.265	2.555	2.381		4.31
105) TP 1,2-Dichlorobe	1.137	1.199	1.218	1.234	1.220	1.223	1.202	1.287	1.215		3.44
106) TP 1,2,4,5-Tetram	2.099	2.162	2.308	2.377	2.385	2.437	2.473	2.692	2.366		7.81
107) TP 1,2-Dibromo-3-	0.047	0.058	0.074	0.081	0.088	0.092	0.091	0.099	*L		0.9979
108) TP 1,3,5-Trichlor	0.895	0.844	0.909	0.888	0.901	0.898	0.901	0.945	0.898		3.06
109) TP Hexachlorobuta	0.459	0.460	0.480	0.420	0.423	0.421	0.429	0.462	0.444		5.31
110) TP 1,2,4-Trichlor	0.744	0.731	0.784	0.791	0.819	0.840	0.836	0.855	0.800		5.68
111) TP Naphthalene	1.638	1.445	1.500	1.606	1.689	1.784	1.774	1.836	1.659		8.39
112) TP 1,2,3-Trichlor	0.641	0.686	0.672	0.693	0.713	0.736	0.729	0.748	0.702		5.14



Initial Calibration Summary

Form 6

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Calibration dates : 06/09/21 02:50 06/09/21 06:19

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL18049

Calibration Files

L1 =V11210609A04.D L2 =V11210609A06.D L3 =V11210609A07.D L4 =V11210609A08.D L1.5=V11210609A05.D
 L6 =V11210609A09.D L7 =V11210609A10.D L8 =V11210609A11.D L0 =V11210609A03.D

Compound	L1	L2	L3	L4	L1.5	L6	L7	L8	L0	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----										
2) TP Dichlorodifluoromethane	0.155	0.210	0.210	0.196	0.187	0.186	0.188	0.181		0.189	9.30
3) TP Chloromethane	0.309	0.297	0.266	0.250	0.318	0.239	0.238	0.231		0.269	12.93
4) TC Vinyl chloride	0.359	0.387	0.368	0.348	0.355	0.331	0.325	0.313		0.348	6.95
5) TP Bromomethane		0.361	0.280	0.246	0.408	0.230	0.223	0.223		*L	0.9988
6) TP Chloroethane	0.305	0.314	0.290	0.277	0.315	0.265	0.208			0.282	13.41
7) TP Trichlorofluoromethane	0.317	0.380	0.373	0.360	0.310	0.353	0.379	0.403		0.359	8.93
8) TP Ethyl ether	0.133	0.130	0.122	0.118	0.141	0.123	0.121	0.123		0.127	6.04
10) TP 1,1-Dichloroethene	0.189	0.192	0.197	0.192	0.183	0.190	0.191	0.192		0.191	2.05
11) TP Carbon disulfide	0.879	0.719	0.660	0.633	0.767	0.621	0.627	0.631		0.692	13.23
12) TP Freon-113	0.152	0.200	0.202	0.194	0.172	0.189	0.190	0.190		0.186	8.97
14) TP Acrolein		0.024	0.021	0.022	0.020	0.023	0.023	0.023		0.022#	5.94
15) TP Methylene chloride	0.384	0.302	0.244	0.229	0.361	0.233	0.224	0.223		*L	0.9995
17) TP Acetone	0.195	0.088	0.058	0.055	0.129	0.056	0.051	0.049		*L	0.9987
18) TP trans-1,2-Dichloroethene	0.244	0.246	0.221	0.215	0.232	0.220	0.216	0.218		0.226	5.50
19) TP Methyl acetate	0.156	0.142	0.134	0.130	0.162	0.135	0.135	0.133		0.141	8.42
20) TP Methyl tert-butyl ether	0.604	0.568	0.554	0.551	0.631	0.592	0.585	0.593		0.585	4.56
21) TP tert-Butyl alcohol	0.021	0.020	0.020	0.020	0.021	0.022	0.022	0.022		0.021#	4.12
22) TP Diisopropyl ether	0.772	0.735	0.732	0.757	0.804	0.804	0.795	0.806		0.776	4.02
23) TC 1,1-Dichloroethane	0.479	0.442	0.419	0.411	0.476	0.418	0.410	0.408		0.433	6.83
24) TP Halothane	0.170	0.182	0.172	0.166	0.172	0.166	0.164	0.163		0.169	3.63
25) TP Acrylonitrile		0.063	0.068	0.067	0.071	0.071	0.070	0.069		0.068	4.46
26) TP Ethyl tert-butyl ether	0.743	0.675	0.667	0.700	0.700	0.757	0.780	0.805		0.728	6.93
27) TP Vinyl acetate	0.519	0.515	0.533	0.559	0.532	0.598	0.623	0.643		0.565	8.79
28) TP cis-1,2-Dichloroethene	0.289	0.263	0.249	0.243	0.287	0.250	0.244	0.238		0.258	7.74
29) TP 2,2-Dichloropropane	0.334	0.317	0.318	0.314	0.320	0.320	0.323	0.312		0.320	2.08
30) TP Bromochloromethane	0.137	0.132	0.123	0.117	0.148	0.119	0.118	0.115		0.126	9.33
31) TP Cyclohexane	0.315	0.351	0.371	0.376	0.292	0.380	0.394	0.385		0.358	10.17
32) TC Chloroform	0.495	0.450	0.413	0.396	0.480	0.401	0.397	0.388		0.428	9.77
33) TP Ethyl acetate	0.286	0.210	0.194	0.199	0.239	0.207	0.205	0.200		0.217	14.19
34) TP Carbon tetrachloride	0.304	0.332	0.323	0.311	0.321	0.317	0.312	0.310		0.316	2.77
35) TP Tetrahydrofuran		0.063	0.067	0.069	0.064	0.072	0.070	0.068		0.067	4.60
36) S Dibromofluoromethane	0.262	0.258	0.253	0.244	0.260	0.245	0.246	0.245	0.262	0.253	3.11
37) TP 1,1,1-Trichloroethane	0.345	0.354	0.343	0.339	0.347	0.334	0.330	0.324	0.483	0.356	13.68
39) TP 2-Butanone	0.086	0.089	0.086	0.089	0.093	0.087	0.085	0.082		0.087#	3.79
40) TP 1,1-Dichloropropene	0.252	0.274	0.287	0.284	0.270	0.288	0.290	0.284	0.337	0.285	8.01



Initial Calibration Summary

Form 6

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Calibration dates : 06/09/21 02:50 06/09/21 06:19

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL18049

Calibration Files

L1 =V11210609A04.D L2 =V11210609A06.D L3 =V11210609A07.D L4 =V11210609A08.D L1.5=V11210609A05.D
 L6 =V11210609A09.D L7 =V11210609A10.D L8 =V11210609A11.D L0 =V11210609A03.D

Compound	L1	L2	L3	L4	L1.5	L6	L7	L8	L0	Avg	%RSD
41) TP Benzene	0.997	0.913	0.870	0.865	0.973	0.884	0.897	0.885	1.299	0.954	14.39
42) TP tert-Amyl methyl ether	0.542	0.522	0.525	0.560	0.552	0.606	0.628	0.635		0.571	7.94
43) S 1,2-Dichloroethane-d4	0.249	0.250	0.247	0.248	0.250	0.255	0.272	0.281	0.252	0.256	4.69
44) TP 1,2-Dichloroethane-d4	0.393	0.352	0.316	0.311	0.376	0.320	0.320	0.315		0.338	9.39
47) TP Methyl cyclohexane	0.305	0.315	0.334	0.342	0.305	0.353	0.368	0.370		0.337	7.82
48) TP Trichloroethene	0.260	0.239	0.231	0.226	0.243	0.231	0.236	0.238	0.298	0.245	9.06
50) TP Dibromomethane	0.148	0.148	0.137	0.134	0.149	0.138	0.136	0.135		0.141	4.62
51) TC 1,2-Dichloropropane	0.280	0.256	0.240	0.239	0.273	0.248	0.243	0.242		0.253	6.23
53) TP 2-Chloroethyl vinyl ether			0.105	0.117		0.134	0.137	0.137		0.126	11.36
54) TP Bromodichloromethane	0.377	0.348	0.328	0.321	0.377	0.333	0.326	0.323	0.494	*L	0.9999
57) TP 1,4-Dioxane	0.001	0.002	0.003	0.003	0.002	0.002	0.003	0.003		*L	0.9994
58) TP cis-1,3-Dichloropropene	0.364	0.350	0.356	0.360	0.378	0.381	0.381	0.383	0.458	0.379	8.47
59) I Chlorobenzene-d5	-----ISTD-----										
60) S Toluene-d8	1.203	1.207	1.203	1.217	1.174	1.217	1.181	1.171	1.185	1.195	1.51
61) TC Toluene	0.959	0.756	0.685	0.705	0.838	0.709	0.712	0.725		0.761	12.21
62) TP 4-Methyl-2-pentanone		0.076	0.085	0.093	0.081	0.102	0.100	0.102		0.0914	11.68
63) TP Tetrachloroethene	0.306	0.305	0.305	0.306	0.304	0.298	0.293	0.292	0.401	0.312	10.76
65) TP trans-1,3-Dichloropropene	0.364	0.378	0.381	0.404	0.386	0.427	0.418	0.412		0.396	5.62
67) TP Ethyl methacrylate	0.257	0.253	0.289	0.312	0.267	0.340	0.341	0.342		0.300	12.87
68) TP 1,1,2-Trichloroethane	0.236	0.217	0.198	0.201	0.221	0.207	0.197	0.195		0.209	6.97
69) TP Chlorodibromomethane	0.337	0.330	0.308	0.314	0.340	0.322	0.310	0.305	0.462	0.337	14.53
70) TP 1,3-Dichloropropane	0.446	0.409	0.399	0.408	0.463	0.416	0.401	0.393		0.417	5.93
71) TP 1,2-Dibromoethane	0.231	0.257	0.237	0.242	0.262	0.250	0.236	0.233	0.344	0.254	13.90
72) TP 2-Hexanone	0.137	0.131	0.142	0.157	0.162	0.170	0.165	0.161		0.153	9.41
73) TP Chlorobenzene	0.963	0.874	0.804	0.818	0.962	0.829	0.816	0.818	1.281	*L	0.9999
74) TC Ethylbenzene	1.413	1.290	1.295	1.351	1.347	1.390	1.419	1.431		1.367	4.01
75) TP 1,1,1,2-Tetrachloroethane	0.351	0.326	0.301	0.312	0.344	0.324	0.322	0.318	0.457	0.339	13.77
76) TP p/m Xylene	0.525	0.502	0.524	0.542	0.526	0.574	0.599	0.603	0.726	0.569	12.07
77) TP o Xylene	0.485	0.479	0.505	0.531	0.491	0.561	0.594	0.602	0.655	0.545	11.35
78) TP Styrene	0.859	0.882	0.897	0.937	0.913	1.068	1.106	1.121	1.107	0.988	11.13
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----										
80) TP Bromoform	0.366	0.378	0.354	0.378	0.399	0.406	0.398	0.415		0.387	5.43
82) TP Isopropylbenzene	2.349	2.278	2.323	2.439	2.331	2.441	2.465	2.515		2.393	3.47
83) S 4-Bromofluorobenzene	0.808	0.799	0.785	0.794	0.799	0.755	0.739	0.738	0.801	0.780	3.59
84) TP Bromobenzene	0.789	0.717	0.627	0.644	0.782	0.625	0.606	0.626		0.677	11.03
85) TP n-Propylbenzene	2.859	2.774	2.835	2.952	2.858	2.970	3.008	3.077		2.917	3.47



Initial Calibration Summary

Form 6

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Calibration dates : 06/09/21 02:50 06/09/21 06:19

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL18049

Calibration Files

L1 =V11210609A04.D L2 =V11210609A06.D L3 =V11210609A07.D L4 =V11210609A08.D L1.5=V11210609A05.D
 L6 =V11210609A09.D L7 =V11210609A10.D L8 =V11210609A11.D L0 =V11210609A03.D

Compound	L1	L2	L3	L4	L1.5	L6	L7	L8	L0	Avg	%RSD
86) TP 1,4-Dichlorobutane	0.957	0.850	0.811	0.850	0.921	0.897	0.902	0.926		0.889	5.42
87) TP 1,1,2,2-Tetrachloroethane	0.675	0.611	0.557	0.561	0.671	0.554	0.528	0.526	0.911	*L	0.9995
88) TP 4-Ethyltoluene	2.176	2.268	2.336	2.441	2.261	2.472	2.466	2.502		2.365	5.14
89) TP 2-Chlorotoluene	2.074	2.096	2.001	2.054	2.151	2.079	2.040	2.063		2.070	2.11
90) TP 1,3,5-Trimethylbenzene	1.862	1.942	2.011	2.106	1.965	2.171	2.124	2.164		2.043	5.60
91) TP 1,2,3-Trichloropropane	0.493	0.473	0.428	0.447	0.493	0.457	0.444	0.444		0.460	5.23
92) TP trans-1,4-Dichloro-2-b...	0.129	0.175	0.177	0.182	0.168	0.194	0.187	0.186		0.175	11.57
93) TP 4-Chlorotoluene	1.997	1.843	1.787	1.832	1.904	1.877	1.831	1.847		1.865	3.40
94) TP tert-Butylbenzene	1.593	1.630	1.717	1.788	1.639	1.802	1.808	1.815		1.724	5.31
97) TP 1,2,4-Trimethylbenzene	1.798	1.884	1.994	2.087	1.895	2.195	2.187	2.186		2.028	7.78
98) TP sec-Butylbenzene	2.267	2.520	2.621	2.724	2.450	2.823	2.785	2.770		2.620	7.42
99) TP p-Isopropyltoluene	1.906	2.031	2.207	2.325	1.971	2.432	2.412	2.407		2.211	9.73
100) TP 1,3-Dichlorobenzene	1.458	1.390	1.294	1.292	1.519	1.340	1.299	1.286		1.360	6.49
101) TP 1,4-Dichlorobenzene	1.626	1.475	1.291	1.305	1.594	1.323	1.267	1.272		1.394	10.67
102) TP p-Diethylbenzene	1.138	1.164	1.287	1.373	1.189	1.427	1.430	1.428		1.305	9.70
103) TP n-Butylbenzene	1.759	1.866	2.038	2.093	1.877	2.202	2.155	2.127		2.015	7.97
104) TP 1,2-Dichlorobenzene	1.398	1.287	1.190	1.203	1.419	1.221	1.191	1.181		1.261	7.68
105) TP 1,2,4,5-Tetramethylben...	1.626	1.649	1.918	2.117	1.719	2.198	2.253	2.278		1.970	14.05
106) TP 1,2-Dibromo-3-chloropr...	0.068	0.097	0.087	0.094	0.093	0.092	0.090	0.087		0.089	10.14
107) TP 1,3,5-Trichlorobenzene	1.036	0.919	0.854	0.868	0.999	0.840	0.819	0.822		0.894	9.23
108) TP Hexachlorobutadiene	0.462	0.453	0.411	0.410	0.494	0.392	0.369	0.377		0.421	10.53
109) TP 1,2,4-Trichlorobenzene	0.764	0.799	0.743	0.774	0.851	0.770	0.741	0.772		0.777	4.51
110) TP Naphthalene	1.599	1.461	1.523	1.655	1.557	1.674	1.595	1.605		1.584	4.36
111) TP 1,2,3-Trichlorobenzene	0.788	0.736	0.672	0.689	0.796	0.672	0.635	0.640		0.704	8.91

Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Lab File ID : V11210616A01
 Sample No : WG1513055-2
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/16/21 08:22
 Init. Calib. Date(s) : 06/09/21 06/09/21
 Init. Calib. Times : 02:50 06:19

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	150	0
Dichlorodifluoromethane	0.189	0.18	-	4.8	20	138	0
Chloromethane	0.269	0.309	-	-14.9	20	186	0
Vinyl chloride	0.348	0.195	-	44*	20	84	0
Bromomethane	40	18.388	-	54*	20	70	0
Chloroethane	0.282	0.116	-	58.9*	20	63	0
Trichlorofluoromethane	0.359	0.293	-	18.4	20	123	0
Ethyl ether	0.127	0.109	-	14.2	20	139	0
1,1-Dichloroethene	0.191	0.182	-	4.7	20	142	0
Carbon disulfide	0.692	0.657	-	5.1	20	156	0
Freon-113	0.186	0.182	-	2.2	20	141	0
Acrolein	0.022	0.028*	-	-27.3*	20	193	0
Methylene chloride	40	39.076	-	2.3	20	147	0
Acetone	40	52.437	-	-31.1*	20	191	0
trans-1,2-Dichloroethene	0.226	0.212	-	6.2	20	148	0
Methyl acetate	0.141	0.143	-	-1.4	20	165	0
Methyl tert-butyl ether	0.585	0.54	-	7.7	20	147	0
tert-Butyl alcohol	0.021	0.025*	-	-19	20	186	0
Diisopropyl ether	0.776	0.916	-	-18	20	182	0
1,1-Dichloroethane	0.433	0.438	-	-1.2	20	160	0
Halothane	0.169	0.162	-	4.1	20	147	0
Acrylonitrile	0.068	0.082	-	-20.6*	20	186	0
Ethyl tert-butyl ether	0.728	0.807	-	-10.9	20	173	0
Vinyl acetate	0.565	0.604	-	-6.9	20	162	0
cis-1,2-Dichloroethene	0.258	0.233	-	9.7	20	144	0
2,2-Dichloropropane	0.32	0.32	-	0	20	153	0
Bromochloromethane	0.126	0.106	-	15.9	20	136	0
Cyclohexane	0.358	0.465	-	-29.9*	20	186	0
Chloroform	0.428	0.375	-	12.4	20	142	0
Ethyl acetate	0.217	0.219	-	-0.9	20	165	0
Carbon tetrachloride	0.316	0.299	-	5.4	20	144	0
Tetrahydrofuran	0.067	0.078	-	-16.4	20	171	0
Dibromofluoromethane	0.253	0.236	-	6.7	20	145	0
1,1,1-Trichloroethane	0.356	0.323	-	9.3	20	143	0
2-Butanone	0.087	0.102	-	-17.2	20	173	0
1,1-Dichloropropene	0.285	0.28	-	1.8	20	148	0
Benzene	0.954	0.83	-	13	20	144	0
tert-Amyl methyl ether	0.571	0.554	-	3	20	149	0
1,2-Dichloroethane-d4	0.256	0.24	-	6.3	20	146	0
1,2-Dichloroethane	0.338	0.298	-	11.8	20	144	0
Methyl cyclohexane	0.337	0.344	-	-2.1	20	151	0
Trichloroethene	0.245	0.219	-	10.6	20	146	0
Dibromomethane	0.141	0.119	-	15.6	20	133	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Lab File ID : V11210616A01
 Sample No : WG1513055-2
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/16/21 08:22
 Init. Calib. Date(s) : 06/09/21 06/09/21
 Init. Calib. Times : 02:50 06:19

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.253	0.259	-	-2.4	20	163	0
2-Chloroethyl vinyl ether	0.126	0.125	-	0.8	20	161	0
Bromodichloromethane	40	36.9	-	7.8	20	141	0
1,4-Dioxane	2000	2133.326	-	-6.7	20	156	0
cis-1,3-Dichloropropene	0.379	0.356	-	6.1	20	149	0
Chlorobenzene-d5	1	1	-	0	20	154	0
Toluene-d8	1.195	1.203	-	-0.7	20	152	0
Toluene	0.761	0.679	-	10.8	20	149	0
4-Methyl-2-pentanone	0.091	0.114	-	-25.3*	20	188	0
Tetrachloroethene	0.312	0.301	-	3.5	20	152	0
trans-1,3-Dichloropropene	0.396	0.387	-	2.3	20	148	0
Ethyl methacrylate	0.3	0.31	-	-3.3	20	154	0
1,1,2-Trichloroethane	0.209	0.183	-	12.4	20	140	0
Chlorodibromomethane	0.337	0.276	-	18.1	20	136	0
1,3-Dichloropropane	0.417	0.378	-	9.4	20	143	0
1,2-Dibromoethane	0.254	0.221	-	13	20	141	0
2-Hexanone	0.153	0.19	-	-24.2*	20	186	0
Chlorobenzene	40	37.384	-	6.5	20	145	0
Ethylbenzene	1.367	1.302	-	4.8	20	149	0
1,1,1,2-Tetrachloroethane	0.339	0.286	-	15.6	20	142	0
p/m Xylene	0.569	0.504	-	11.4	20	144	0
o Xylene	0.545	0.511	-	6.2	20	149	0
Styrene	0.988	0.877	-	11.2	20	144	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	161	0
Bromoform	0.387	0.321	-	17.1	20	137	0
Isopropylbenzene	2.393	2.421	-	-1.2	20	159	0
4-Bromofluorobenzene	0.78	0.924	-	-18.5	20	187	0
Bromobenzene	0.677	0.607	-	10.3	20	152	0
n-Propylbenzene	2.917	2.914	-	0.1	20	159	0
1,4-Dichlorobutane	0.889	0.994	-	-11.8	20	188	0
1,1,2,2-Tetrachloroethane	40	37.736	-	5.7	20	145	0
4-Ethyltoluene	2.365	2.426	-	-2.6	20	160	0
2-Chlorotoluene	2.07	1.97	-	4.8	20	154	0
1,3,5-Trimethylbenzene	2.043	2.07	-	-1.3	20	158	0
1,2,3-Trichloropropane	0.46	0.401	-	12.8	20	144	0
trans-1,4-Dichloro-2-buten	0.175	0.2	-	-14.3	20	176	0
4-Chlorotoluene	1.865	1.814	-	2.7	20	159	0
tert-Butylbenzene	1.724	1.731	-	-0.4	20	156	0
1,2,4-Trimethylbenzene	2.028	2.069	-	-2	20	159	0
sec-Butylbenzene	2.62	2.63	-	-0.4	20	155	0
p-Isopropyltoluene	2.211	2.284	-	-3.3	20	158	0
1,3-Dichlorobenzene	1.36	1.201	-	11.7	20	149	0
1,4-Dichlorobenzene	1.394	1.209	-	13.3	20	149	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Lab File ID : V11210616A01
 Sample No : WG1513055-2
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/16/21 08:22
 Init. Calib. Date(s) : 06/09/21 06/09/21
 Init. Calib. Times : 02:50 06:19

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.305	1.371	-	-5.1	20	160	0
n-Butylbenzene	2.015	2.061	-	-2.3	20	158	0
1,2-Dichlorobenzene	1.261	1.093	-	13.3	20	146	0
1,2,4,5-Tetramethylbenzene	1.97	2.149	-	-9.1	20	163	0
1,2-Dibromo-3-chloropropan	0.089	0.084	-	5.6	20	143	0
1,3,5-Trichlorobenzene	0.894	0.883	-	1.2	20	163	0
Hexachlorobutadiene	0.421	0.424	-	-0.7	20	166	0
1,2,4-Trichlorobenzene	0.777	0.797	-	-2.6	20	166	0
Naphthalene	1.584	1.604	-	-1.3	20	156	0
1,2,3-Trichlorobenzene	0.704	0.694	-	1.4	20	162	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Lab File ID : V11210616N01
 Sample No : WG1513055-7
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/16/21 19:19
 Init. Calib. Date(s) : 06/09/21 06/09/21
 Init. Calib. Times : 02:50 06:19

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	67	0
Dichlorodifluoromethane	0.189	0.203	-	-7.4	20	70	0
Chloromethane	0.269	0.261	-	3	20	70	0
Vinyl chloride	0.348	0.176	-	49.4*	20	34	0
Bromomethane	40	22.424	-	43.9*	20	38	0
Chloroethane	0.282	0.12	-	57.4*	20	29	0
Trichlorofluoromethane	0.359	0.379	-	-5.6	20	71	0
Ethyl ether	0.127	0.108	-	15	20	61	0
1,1-Dichloroethene	0.191	0.18	-	5.8	20	64	0
Carbon disulfide	0.692	0.557	-	19.5	20	59	0
Freon-113	0.186	0.195	-	-4.8	20	68	0
Acrolein	0.022	0.024*	-	-9.1	20	75	0
Methylene chloride	40	37.759	-	5.6	20	64	0
Acetone	40	42.809	-	-7	20	71	0
trans-1,2-Dichloroethene	0.226	0.213	-	5.8	20	67	0
Methyl acetate	0.141	0.139	-	1.4	20	72	0
Methyl tert-butyl ether	0.585	0.62	-	-6	20	76	0
tert-Butyl alcohol	0.021	0.027*	-	-28.6*	20	89	0
Diisopropyl ether	0.776	0.835	-	-7.6	20	74	0
1,1-Dichloroethane	0.433	0.447	-	-3.2	20	73	0
Halothane	0.169	0.165	-	2.4	20	67	0
Acrylonitrile	0.068	0.077	-	-13.2	20	78	0
Ethyl tert-butyl ether	0.728	0.868	-	-19.2	20	84	0
Vinyl acetate	0.565	0.594	-	-5.1	20	72	0
cis-1,2-Dichloroethene	0.258	0.242	-	6.2	20	67	0
2,2-Dichloropropane	0.32	0.393	-	-22.8*	20	85	0
Bromochloromethane	0.126	0.118	-	6.3	20	68	0
Cyclohexane	0.358	0.42	-	-17.3	20	75	0
Chloroform	0.428	0.445	-	-4	20	76	0
Ethyl acetate	0.217	0.206	-	5.1	20	70	0
Carbon tetrachloride	0.316	0.394	-	-24.7*	20	85	0
Tetrahydrofuran	0.067	0.07	-	-4.5	20	69	0
Dibromofluoromethane	0.253	0.266	-	-5.1	20	74	0
1,1,1-Trichloroethane	0.356	0.418	-	-17.4	20	83	0
2-Butanone	0.087	0.091*	-	-4.6	20	69	0
1,1-Dichloropropene	0.285	0.289	-	-1.4	20	69	0
Benzene	0.954	0.809	-	15.2	20	63	0
tert-Amyl methyl ether	0.571	0.593	-	-3.9	20	71	0
1,2-Dichloroethane-d4	0.256	0.316	-	-23.4*	20	86	0
1,2-Dichloroethane	0.338	0.404	-	-19.5	20	88	0
Methyl cyclohexane	0.337	0.321	-	4.7	20	63	0
Trichloroethene	0.245	0.237	-	3.3	20	71	0
Dibromomethane	0.141	0.134	-	5	20	67	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Lab File ID : V11210616N01
 Sample No : WG1513055-7
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/16/21 19:19
 Init. Calib. Date(s) : 06/09/21 06/09/21
 Init. Calib. Times : 02:50 06:19

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.253	0.241	-	4.7	20	68	0
2-Chloroethyl vinyl ether	0.126	0.127	-	-0.8	20	73	0
Bromodichloromethane	40	44.42	-	-11.1	20	76	0
1,4-Dioxane	2000	2109.351	-	-5.5	20	69	0
cis-1,3-Dichloropropene	0.379	0.372	-	1.8	20	70	0
Chlorobenzene-d5	1	1	-	0	20	73	0
Toluene-d8	1.195	1.167	-	2.3	20	70	0
Toluene	0.761	0.642	-	15.6	20	67	0
4-Methyl-2-pentanone	0.091	0.098*	-	-7.7	20	77	0
Tetrachloroethene	0.312	0.313	-	-0.3	20	75	0
trans-1,3-Dichloropropene	0.396	0.414	-	-4.5	20	75	0
Ethyl methacrylate	0.3	0.282	-	6	20	66	0
1,1,2-Trichloroethane	0.209	0.173	-	17.2	20	63	0
Chlorodibromomethane	0.337	0.328	-	2.7	20	76	0
1,3-Dichloropropane	0.417	0.369	-	11.5	20	66	0
1,2-Dibromoethane	0.254	0.229	-	9.8	20	69	0
2-Hexanone	0.153	0.153	-	0	20	71	0
Chlorobenzene	40	37.616	-	6	20	69	0
Ethylbenzene	1.367	1.29	-	5.6	20	70	0
1,1,1,2-Tetrachloroethane	0.339	0.33	-	2.7	20	77	0
p/m Xylene	0.569	0.499	-	12.3	20	67	0
o Xylene	0.545	0.489	-	10.3	20	67	0
Styrene	0.988	0.854	-	13.6	20	67	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	76	0
Bromoform	0.387	0.38	-	1.8	20	77	0
Isopropylbenzene	2.393	2.261	-	5.5	20	71	0
4-Bromofluorobenzene	0.78	0.838	-	-7.4	20	81	0
Bromobenzene	0.677	0.625	-	7.7	20	74	0
n-Propylbenzene	2.917	2.592	-	11.1	20	67	0
1,4-Dichlorobutane	0.889	0.886	-	0.3	20	80	0
1,1,2,2-Tetrachloroethane	40	32.119	-	19.7	20	59	0
4-Ethyltoluene	2.365	2.282	-	3.5	20	71	0
2-Chlorotoluene	2.07	1.926	-	7	20	72	0
1,3,5-Trimethylbenzene	2.043	2.058	-	-0.7	20	75	0
1,2,3-Trichloropropane	0.46	0.378	-	17.8	20	64	0
trans-1,4-Dichloro-2-buten	0.175	0.196	-	-12	20	82	0
4-Chlorotoluene	1.865	1.77	-	5.1	20	74	0
tert-Butylbenzene	1.724	1.693	-	1.8	20	72	0
1,2,4-Trimethylbenzene	2.028	2.036	-	-0.4	20	74	0
sec-Butylbenzene	2.62	2.428	-	7.3	20	68	0
p-Isopropyltoluene	2.211	2.2	-	0.5	20	72	0
1,3-Dichlorobenzene	1.36	1.217	-	10.5	20	72	0
1,4-Dichlorobenzene	1.394	1.2	-	13.9	20	70	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA111
 Lab File ID : V11210616N01
 Sample No : WG1513055-7
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/16/21 19:19
 Init. Calib. Date(s) : 06/09/21 06/09/21
 Init. Calib. Times : 02:50 06:19

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.305	1.288	-	1.3	20	72	0
n-Butylbenzene	2.015	1.87	-	7.2	20	68	0
1,2-Dichlorobenzene	1.261	1.104	-	12.5	20	70	0
1,2,4,5-Tetramethylbenzene	1.97	2.136	-	-8.4	20	77	0
1,2-Dibromo-3-chloropropan	0.089	0.091	-	-2.2	20	74	0
1,3,5-Trichlorobenzene	0.894	0.893	-	0.1	20	79	0
Hexachlorobutadiene	0.421	0.487	-	-15.7	20	91	0
1,2,4-Trichlorobenzene	0.777	0.82	-	-5.5	20	81	0
Naphthalene	1.584	1.539	-	2.8	20	71	0
1,2,3-Trichlorobenzene	0.704	0.722	-	-2.6	20	80	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA100
 Lab File ID : V00210617N01
 Sample No : WG1513753-2
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/17/21 16:00
 Init. Calib. Date(s) : 06/02/21 06/02/21
 Init. Calib. Times : 14:46 18:11

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	81	0
Dichlorodifluoromethane	0.211	0.192	-	9	20	79	0
Chloromethane	0.303	0.246	-	18.8	20	71	.01
Vinyl chloride	0.265	0.241	-	9.1	20	78	0
Bromomethane	40	38.739	-	3.2	20	86	0
Chloroethane	0.157	0.145	-	7.6	20	75	-.01
Trichlorofluoromethane	0.335	0.337	-	-0.6	20	86	0
Ethyl ether	0.114	0.11	-	3.5	20	75	0
1,1-Dichloroethene	0.192	0.182	-	5.2	20	82	0
Carbon disulfide	0.668	0.582	-	12.9	20	76	0
Freon-113	0.196	0.188	-	4.1	20	83	0
Acrolein	0.026	0.022*	-	15.4	20	72	0
Methylene chloride	0.243	0.22	-	9.5	20	77	0
Acetone	40	37.159	-	7.1	20	74	0
trans-1,2-Dichloroethene	0.22	0.21	-	4.5	20	79	0
Methyl acetate	0.113	0.103	-	8.8	20	71	0
Methyl tert-butyl ether	0.59	0.588	-	0.3	20	80	0
tert-Butyl alcohol	0.021	0.023*	-	-9.5	20	87	0
Diisopropyl ether	0.82	0.741	-	9.6	20	72	0
1,1-Dichloroethane	0.464	0.429	-	7.5	20	77	0
Halothane	0.161	0.157	-	2.5	20	82	0
Acrylonitrile	40	33.828	-	15.4	20	68	0
Ethyl tert-butyl ether	0.767	0.745	-	2.9	20	77	0
Vinyl acetate	0.502	0.468	-	6.8	20	71	0
cis-1,2-Dichloroethene	0.237	0.232	-	2.1	20	77	0
2,2-Dichloropropane	0.348	0.356	-	-2.3	20	84	0
Bromochloromethane	0.099	0.104	-	-5.1	20	81	0
Cyclohexane	0.456	0.422	-	7.5	20	77	0
Chloroform	0.42	0.419	-	0.2	20	80	0
Ethyl acetate	0.171	0.171	-	0	20	74	0
Carbon tetrachloride	0.326	0.343	-	-5.2	20	87	0
Tetrahydrofuran	0.055	0.054	-	1.8	20	76	0
Dibromofluoromethane	0.234	0.251	-	-7.3	20	87	0
1,1,1-Trichloroethane	0.346	0.364	-	-5.2	20	86	0
2-Butanone	40	35.796	-	10.5	20	75	0
1,1-Dichloropropene	0.309	0.305	-	1.3	20	80	0
Benzene	0.888	0.832	-	6.3	20	77	0
tert-Amyl methyl ether	0.592	0.591	-	0.2	20	78	0
1,2-Dichloroethane-d4	0.26	0.276	-	-6.2	20	86	0
1,2-Dichloroethane	0.309	0.318	-	-2.9	20	82	0
Methyl cyclohexane	0.395	0.367	-	7.1	20	79	0
Trichloroethene	0.224	0.222	-	0.9	20	82	0
Dibromomethane	0.116	0.12	-	-3.4	20	80	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : VOA100
 Lab File ID : V00210617N01
 Sample No : WG1513753-2
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/17/21 16:00
 Init. Calib. Date(s) : 06/02/21 06/02/21
 Init. Calib. Times : 14:46 18:11

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.258	0.244	-	5.4	20	74	0
2-Chloroethyl vinyl ether	0.117	0.12	-	-2.6	20	80	0
Bromodichloromethane	0.3	0.315	-	-5	20	82	0
1,4-Dioxane	2000	2188.117	-	-9.4	20	86	0
cis-1,3-Dichloropropene	0.346	0.359	-	-3.8	20	77	0
Chlorobenzene-d5	1	1	-	0	20	91	0
Toluene-d8	1.407	1.32	-	6.2	20	85	0
Toluene	0.851	0.714	-	16.1	20	79	0
4-Methyl-2-pentanone	0.105	0.096*	-	8.6	20	75	0
Tetrachloroethene	0.334	0.31	-	7.2	20	85	0
trans-1,3-Dichloropropene	0.439	0.418	-	4.8	20	80	0
Ethyl methacrylate	0.348	0.306	-	12.1	20	76	0
1,1,2-Trichloroethane	0.214	0.184	-	14	20	77	0
Chlorodibromomethane	40	35.982	-	10	20	81	0
1,3-Dichloropropane	0.444	0.404	-	9	20	79	0
1,2-Dibromoethane	40	35.724	-	10.7	20	80	0
2-Hexanone	0.166	0.135	-	18.7	20	70	0
Chlorobenzene	0.889	0.794	-	10.7	20	80	0
Ethylbenzene	1.575	1.378	-	12.5	20	80	0
1,1,1,2-Tetrachloroethane	0.32	0.299	-	6.6	20	83	0
p/m Xylene	0.609	0.531	-	12.8	20	80	0
o Xylene	0.574	0.517	-	9.9	20	81	0
Styrene	0.929	0.865	-	6.9	20	80	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	95	0
Bromoform	0.341	0.317	-	7	20	82	0
Isopropylbenzene	2.973	2.549	-	14.3	20	81	0
4-Bromofluorobenzene	0.942	0.916	-	2.8	20	93	0
Bromobenzene	0.685	0.593	-	13.4	20	81	0
n-Propylbenzene	3.517	2.951	-	16.1	20	81	0
1,4-Dichlorobutane	0.998	0.834	-	16.4	20	77	0
1,1,2,2-Tetrachloroethane	0.594	0.492	-	17.2	20	78	0
4-Ethyltoluene	2.901	2.509	-	13.5	20	82	0
2-Chlorotoluene	2.193	1.76	-	19.7	20	80	0
1,3,5-Trimethylbenzene	2.466	2.122	-	13.9	20	82	0
1,2,3-Trichloropropane	0.485	0.408	-	15.9	20	79	0
trans-1,4-Dichloro-2-buten	0.18	0.161	-	10.6	20	80	0
4-Chlorotoluene	2.136	1.778	-	16.8	20	80	0
tert-Butylbenzene	2.075	1.811	-	12.7	20	84	0
1,2,4-Trimethylbenzene	2.382	2.093	-	12.1	20	82	0
sec-Butylbenzene	3.178	2.695	-	15.2	20	82	0
p-Isopropyltoluene	2.686	2.359	-	12.2	20	84	0
1,3-Dichlorobenzene	1.348	1.161	-	13.9	20	82	0
1,4-Dichlorobenzene	1.394	1.174	-	15.8	20	83	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : TRC Solutions
Project Name : CHROMALLOY
Instrument ID : VOA100
Lab File ID : V00210617N01
Sample No : WG1513753-2
Channel :

Lab Number : L2131407
Project Number : 1902732021
Calibration Date : 06/17/21 16:00
Init. Calib. Date(s) : 06/02/21 06/02/21
Init. Calib. Times : 14:46 18:11

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.568	1.377	-	12.2	20	83	0
n-Butylbenzene	2.381	2.037	-	14.4	20	82	0
1,2-Dichlorobenzene	1.215	1.047	-	13.8	20	81	0
1,2,4,5-Tetramethylbenzene	2.366	2.103	-	11.1	20	84	0
1,2-Dibromo-3-chloropropan	40	33.306	-	16.7	20	83	0
1,3,5-Trichlorobenzene	0.898	0.791	-	11.9	20	83	0
Hexachlorobutadiene	0.444	0.394	-	11.3	20	88	0
1,2,4-Trichlorobenzene	0.8	0.712	-	11	20	82	0
Naphthalene	1.659	1.472	-	11.3	20	83	0
1,2,3-Trichlorobenzene	0.702	0.632	-	10	20	84	0

* Value outside of QC limits.



SVOC Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8270D Semi-Volatiles
Data for Alpha Analytical, SDG Number: L2131407**

**20 Soil Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Prepared by: Donald Anné
August 31, 2021

Holding Times: The samples were extracted and analyzed within USEPA holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for MORK on 03-29-21. The average RRFs for 2,4,6-trichlorophenol, 2-chloronaphthalene, and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV103 on 03-29-21. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2,4,6-trichlorophenol, 2-chloronaphthalene, and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 06-19-21 (WG1513136-3). The RRFs for 2,4,6-trichlorophenol, 2-chloronaphthalene, and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 06-19-21 (WG1514420-3). The %Ds for bis(2-chloroisopropyl)ether, 4-nitrophenol, and pentachlorophenol were above the method maximum on 06-19-21 (WG1513136-3). The %Ds for hexachlorobutadiene, 4-nitrophenol, bis(2-ethylhexyl)phthalate, and di-n-octylphthalate were above the method maximum on 06-19-21 (WG1514420-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for bis(2-chloroisopropyl)ether, 4-nitrophenol, and pentachlorophenol were above the allowable maximum (20%) on 06-19-21 (WG1513136-3). The %D for caprolactam was above the allowable maximum (20%) on 06-19-21 (WG1513136-4). The

%Ds for hexachlorobutadiene, 4-nitrophenol, bis(2-ethylhexyl)phthalate, and di-n-octylphthalate were above the allowable maximum (20%) on 06-19-21 (WG1514420-3). The %D for biphenyl was above the allowable maximum (20%) on 06-19-21 (WG1514420-4). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were below QC limits and below 10% for soil MS/MSD sample SS-1. The “not detected” results for these 3 compounds should be considered rejected, unusable (R) in sample SS-1.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil samples WG1514223-2/3.

The RPDs for target compounds were below the allowable maximum, but 1 of 2%Rs for hexachlorocyclopentadiene was below QC limits, but not below 10% for soil samples WG1514283-2/3. Positive results for hexachlorocyclopentadiene should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated soil samples.

Field Duplicates: The relative percent differences for applicable compounds were below the allowable maximum (35%) for soil field duplicate pair SS-1/DUP (attached table), as required.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1514283-2 Analysis Date : 06/20/21 00:19 File ID : 514283-2
 LCSD Sample ID : WG1514283-3 Analysis Date : 06/20/21 00:43 File ID : 514283-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Acenaphthene	1300	880	68	1300	740	57	18	31-137	50
Hexachlorobenzene	1300	950	73	1300	790	61	18	40-140	50
Bis(2-chloroethyl)ether	1300	880	67	1300	720	56	18	40-140	50
2-Chloronaphthalene	1300	900	69	1300	760	59	16	40-140	50
3,3'-Dichlorobenzidine	1300	840	64	1300	720	55	15	40-140	50
2,4-Dinitrotoluene	1300	990	76	1300	840	64	17	40-132	50
2,6-Dinitrotoluene	1300	930	71	1300	780	60	17	40-140	50
Fluoranthene	1300	870	67	1300	720	56	18	40-140	50
4-Chlorophenyl phenyl ether	1300	920	70	1300	740	57	20	40-140	50
4-Bromophenyl phenyl ether	1300	920	70	1300	760	58	19	40-140	50
Bis(2-chloroisopropyl)ether	1300	1200	95	1300	1100	82	15	40-140	50
Bis(2-chloroethoxy)methane	1300	950	73	1300	790	61	18	40-117	50
Hexachlorobutadiene	1300	940	72	1300	760	59	20	40-140	50
Hexachlorocyclopentadiene	1300	600	46	1300	480	37	Q 22	40-140	50
Hexachloroethane	1300	940	72	1300	800	62	15	40-140	50
Isophorone	1300	1100	82	1300	900	70	16	40-140	50
Naphthalene	1300	850	65	1300	710	55	17	40-140	50
Nitrobenzene	1300	1000	80	1300	860	67	18	40-140	50
NDPA/DPA	1300	910	70	1300	770	60	15	36-157	50
n-Nitrosodi-n-propylamine	1300	1100	81	1300	890	69	16	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1300	98	1300	1000	81	19	40-140	50
Butyl benzyl phthalate	1300	1100	83	1300	890	69	18	40-140	50
Di-n-butylphthalate	1300	1100	84	1300	910	70	18	40-140	50
Di-n-octylphthalate	1300	1100	86	1300	940	72	18	40-140	50
Diethyl phthalate	1300	1000	77	1300	850	66	15	40-140	50
Dimethyl phthalate	1300	990	76	1300	830	64	17	40-140	50



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1514283-2 Analysis Date : 06/20/21 00:19 File ID : 514283-2
 LCSD Sample ID : WG1514283-3 Analysis Date : 06/20/21 00:43 File ID : 514283-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Benzo(a)anthracene	1300	910	70	1300	760	59	17	40-140	50
Benzo(a)pyrene	1300	930	72	1300	770	59	20	40-140	50
Benzo(b)fluoranthene	1300	900	69	1300	770	60	14	40-140	50
Benzo(k)fluoranthene	1300	940	72	1300	740	58	22	40-140	50
Chrysene	1300	900	69	1300	760	59	16	40-140	50
Acenaphthylene	1300	910	70	1300	760	59	17	40-140	50
Anthracene	1300	880	68	1300	740	57	18	40-140	50
Benzo(ghi)perylene	1300	890	69	1300	750	58	17	40-140	50
Fluorene	1300	870	67	1300	730	57	16	40-140	50
Phenanthrene	1300	850	65	1300	710	55	17	40-140	50
Dibenzo(a,h)anthracene	1300	900	69	1300	730	57	19	40-140	50
Indeno(1,2,3-cd)pyrene	1300	880	68	1300	740	57	18	40-140	50
Pyrene	1300	850	65	1300	710	55	17	35-142	50
Biphenyl	1300	840	64	1300	720	56	13	37-127	50
4-Chloroaniline	1300	1000	78	1300	920	71	9	40-140	50
2-Nitroaniline	1300	1000	78	1300	860	66	17	47-134	50
3-Nitroaniline	1300	790	61	1300	700	54	12	26-129	50
4-Nitroaniline	1300	820	63	1300	690	53	17	41-125	50
Dibenzofuran	1300	870	67	1300	730	57	16	40-140	50
2-Methylnaphthalene	1300	860	66	1300	740	57	15	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	840	64	1300	720	55	15	40-117	50
Acetophenone	1300	930	71	1300	790	61	15	14-144	50
2,4,6-Trichlorophenol	1300	920	70	1300	780	61	14	30-130	50
p-Chloro-m-cresol	1300	940	72	1300	820	63	13	26-103	50
2-Chlorophenol	1300	880	68	1300	750	58	16	25-102	50
2,4-Dichlorophenol	1300	980	75	1300	830	64	16	30-130	50



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1514283-2 Analysis Date : 06/20/21 00:19 File ID : 514283-2
 LCSD Sample ID : WG1514283-3 Analysis Date : 06/20/21 00:43 File ID : 514283-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4-Dimethylphenol	1300	1000	78	1300	870	67	15	30-130	50
2-Nitrophenol	1300	990	76	1300	830	64	17	30-130	50
4-Nitrophenol	1300	1000	80	1300	880	68	16	11-114	50
2,4-Dinitrophenol	1300	590	45	1300	520	40	12	4-130	50
4,6-Dinitro-o-cresol	1300	780	60	1300	680	52	14	10-130	50
Pentachlorophenol	1300	710	54	1300	590	45	18	17-109	50
Phenol	1300	830	63	1300	700	54	15	26-90	50
2-Methylphenol	1300	940	72	1300	800	62	15	30-130.	50
3-Methylphenol/4-Methylphenol	1300	1000	80	1300	880	68	16	30-130	50
2,4,5-Trichlorophenol	1300	940	72	1300	810	63	13	30-130	50
Carbazole	1300	860	66	1300	720	56	16	54-128	50
Atrazine	1300	910	70	1300	770	60	15	40-140	50
Benzaldehyde	1300	800	61	1300	680	53	14	40-140	50
Caprolactam	1300	1200	94	1300	1000	80	16	15-130	50
2,3,4,6-Tetrachlorophenol	1300	840	64	1300	710	55	15	40-140	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : SS-1
 Lab Sample ID : L2131407-11
 Matrix Spike : WG1514283-4
 Matrix Spike Dup : WG1514283-5

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 Analysis Date : 06/20/21 09:59
 MS Analysis Date : 06/20/21 09:12
 MSD Analysis Date : 06/20/21 09:35

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Acenaphthene	52J	1690	1400	83	1720	1400	81	0	31-137	50
Hexachlorobenzene	ND	1690	1000	59	1720	940	55	6	40-140	50
Bis(2-chloroethyl)ether	ND	1690	1500	89	1720	1400	81	7	40-140	50
2-Chloronaphthalene	ND	1690	1100	65	1720	1000	58	10	40-140	50
3,3'-Dichlorobenzidine	ND	1690	670	40	1720	790	46	16	40-140	50
2,4-Dinitrotoluene	ND	1690	870	52	1720	760	44	13	40-132	50
2,6-Dinitrotoluene	ND	1690	860	51	1720	710	41	19	40-140	50
Fluoranthene	1200	1690	3400	130	1720	2400	70	34	40-140	50
4-Chlorophenyl phenyl ether	ND	1690	1100	65	1720	1000	58	10	40-140	50
4-Bromophenyl phenyl ether	ND	1690	1100	65	1720	980	57	12	40-140	50
Bis(2-chloroisopropyl)ether	ND	1690	1200	71	1720	1100	64	9	40-140	50
Bis(2-chloroethoxy)methane	ND	1690	1400	83	1720	1300	76	7	40-117	50
Hexachlorobutadiene	ND	1690	1000	59	1720	950	55	5	40-140	50
Hexachlorocyclopentadiene	ND	1690	ND	0 Q	1720	ND	0 Q	NC	40-140	50
Hexachloroethane	ND	1690	950	56	1720	820	48	15	40-140	50
Isophorone	ND	1690	1400	83	1720	1300	76	7	40-140	50
Naphthalene	27J	1690	1400	83	1720	1300	76	7	40-140	50
Nitrobenzene	ND	1690	1400	83	1720	1400	81	0	40-140	50
NDPA/DPA	ND	1690	1300	77	1720	1200	70	8	36-157	50
n-Nitrosodi-n-propylamine	ND	1690	1500	89	1720	1400	81	7	32-121	50
Bis(2-ethylhexyl)phthalate	79J	1690	1900	110	1720	1800	100	5	40-140	50
Butyl benzyl phthalate	ND	1690	1600	95	1720	1400	81	13	40-140	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : SS-1
 Lab Sample ID : L2131407-11
 Matrix Spike : WG1514283-4
 Matrix Spike Dup : WG1514283-5

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 Analysis Date : 06/20/21 09:59
 MS Analysis Date : 06/20/21 09:12
 MSD Analysis Date : 06/20/21 09:35

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Di-n-butylphthalate	ND	1690	1600	95	1720	1500	87	6	40-140	50
Di-n-octylphthalate	ND	1690	1800	110	1720	1700	99	6	40-140	50
Diethyl phthalate	ND	1690	1400	83	1720	1300	76	7	40-140	50
Dimethyl phthalate	ND	1690	1100	65	1720	1000	58	10	40-140	50
Benzo(a)anthracene	670	1690	2600	110	1720	2000	77	26	40-140	50
Benzo(a)pyrene	700	1690	2900	130	1720	2100	81	32	40-140	50
Benzo(b)fluoranthene	1000	1690	3000	120	1720	2200	70	31	40-140	50
Benzo(k)fluoranthene	300	1690	2100	110	1720	1700	81	21	40-140	50
Chrysene	680	1690	2500	110	1720	1900	71	27	40-140	50
Acenaphthylene	35J	1690	1100	65	1720	1000	58	10	40-140	50
Anthracene	150	1690	1600	86	1720	1400	73	13	40-140	50
Benzo(ghi)perylene	440	1690	1700	75	1720	1500	62	13	40-140	50
Fluorene	41J	1690	1400	83	1720	1200	70	15	40-140	50
Phenanthrene	570	1690	2400	110	1720	1900	77	23	40-140	50
Dibenzo(a,h)anthracene	110J	1690	1300	77	1720	1200	70	8	40-140	50
Indeno(1,2,3-cd)pyrene	470	1690	1900	85	1720	1600	66	17	40-140	50
Pyrene	960	1690	3000	120	1720	2100	66	35	35-142	50
Biphenyl	ND	1690	960	57	1720	920	54	4	37-127	50
4-Chloroaniline	ND	1690	1100	65	1720	1100	64	0	40-140	50
2-Nitroaniline	ND	1690	1400	83	1720	1300	76	7	47-134	50
3-Nitroaniline	ND	1690	1600	95	1720	1500	87	6	26-129	50
4-Nitroaniline	ND	1690	1600	95	1720	1400	81	13	41-125	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : SS-1
 Lab Sample ID : L2131407-11
 Matrix Spike : WG1514283-4
 Matrix Spike Dup : WG1514283-5

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 Analysis Date : 06/20/21 09:59
 MS Analysis Date : 06/20/21 09:12
 MSD Analysis Date : 06/20/21 09:35

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Dibenzofuran	23J	1690	1300	77	1720	1200	70	8	40-140	50
2-Methylnaphthalene	ND	1690	1200	71	1720	1200	70	0	40-140	50
1,2,4,5-Tetrachlorobenzene	ND	1690	850	50	1720	810	47	5	40-117	50
Acetophenone	ND	1690	1400	83	1720	1400	81	0	14-144	50
2,4,6-Trichlorophenol	ND	1690	1100	65	1720	1000	58	10	30-130	50
p-Chloro-m-cresol	ND	1690	1400	83	1720	1400	81	0	26-103	50
2-Chlorophenol	ND	1690	1500	89	1720	1500	87	0	25-102	50
2,4-Dichlorophenol	ND	1690	1300	77	1720	1200	70	8	30-130	50
2,4-Dimethylphenol	ND	1690	1400	83	1720	1400	81	0	30-130	50
2-Nitrophenol	ND	1690	790	47	1720	640	37	21	30-130	50
4-Nitrophenol	ND	1690	1400	83	1720	1200	70	15	11-114	50
2,4-Dinitrophenol	ND	1690	ND	0 Q	1720	ND	0 Q	NC	4-130	50
4,6-Dinitro-o-cresol	ND	1690	ND	0 Q	1720	ND	0 Q	NC	10-130	50
Pentachlorophenol	ND	1690	1000	59	1720	850	49	16	17-109	50
Phenol	ND	1690	1500	89	1720	1500	87	0	26-90	50
2-Methylphenol	ND	1690	1400	83	1720	1400	81	0	30-130	50
3-Methylphenol/4-Methylphenol	ND	1690	1500	89	1720	1500	87	0	30-130	50
2,4,5-Trichlorophenol	ND	1690	1100	65	1720	1000	58	10	30-130	50
Carbazole	100J	1690	1600	95	1720	1500	87	6	54-128	50
Atrazine	ND	1690	1100	65	1720	1000	58	10	40-140	50
Benzaldehyde	ND	1690	1300	77	1720	1200	70	8	40-140	50
Caprolactam	ND	1690	890	53	1720	870	51	2	15-130	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : SS-1
 Lab Sample ID : L2131407-11
 Matrix Spike : WG1514283-4
 Matrix Spike Dup : WG1514283-5

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 Analysis Date : 06/20/21 09:59
 MS Analysis Date : 06/20/21 09:12
 MSD Analysis Date : 06/20/21 09:35

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
2,3,4,6-Tetrachlorophenol	ND	1690	1200	71	1720	1000	58	18	40-140	50



Initial Calibration Summary

Form 6

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : MORK
 Calibration dates : 03/29/21 09:00 03/29/21 21:50

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL17773

Calibration Files

1.0 =ADPL1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =AP9L7.D
 100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
1) I IS1_1,4-Dichlorobenzene-d4	-----ISTD-----											
2) t N-Nitrosodimethylamine	0.692	0.747	0.761	0.811	0.861	0.859	0.868	0.868	0.892	0.839	0.820	8.00
3) t Pyridine	1.190	1.179	1.171	1.371	1.438	1.401	1.435	1.489	1.580	1.454	1.371	10.43
4) S 2-Fluorophenol	0.867	1.021	1.062	1.121	1.172	1.157	1.204	1.217	1.241	1.196	1.126	10.16
5) T Aniline	2.089	2.011	2.095	2.122	2.152	2.202	2.214	2.254	2.278	2.219	2.164	3.89
6) t 2-Chlorophenol	1.249	1.256	1.262	1.246	1.293	1.338	1.351	1.380	1.397	1.317	1.309	4.27
7) S Phenol-d6	1.390	1.358	1.432	1.449	1.534	1.568	1.614	1.652	1.677	1.588	1.526	7.37
8) T Phenol	1.613	1.726	1.763	1.751	1.781	1.827	1.915	1.960	1.981	1.921	1.824	6.48
9) T bis(2-Chloroethyl)ether	1.173	1.265	1.292	1.248	1.277	1.296	1.310	1.318	1.317	1.271	1.277	3.39
10) T 1,3-Dichlorobenzene	1.538	1.475	1.522	1.467	1.523	1.482	1.477	1.472	1.497	1.464	1.492	1.79
11) T 1,4-Dichlorobenzene	1.663	1.510	1.524	1.530	1.531	1.520	1.503	1.523	1.534	1.514	1.535	2.99
12) T 1,2-Dichlorobenzene	1.438	1.420	1.481	1.495	1.480	1.447	1.476	1.492	1.493	1.463	1.469	1.75
13) t Benzyl alcohol	0.939	1.023	1.026	1.085	1.154	1.153	1.235	1.260	1.271	1.213	1.136	10.00
14) T bis(2-chloroisopropyl)ether	1.832	1.664	1.726	1.696	1.732	1.736	1.759	1.794	1.771	1.717	1.743	2.79
15) T 2-Methylphenol	0.939	1.198	1.153	1.221	1.260	1.277	1.336	1.360	1.373	1.328	1.244	10.40
16) T Hexachloroethane	0.473	0.547	0.541	0.560	0.540	0.545	0.548	0.550	0.567	0.538	0.541	4.72
17) T n-Nitrosodi-n-propylamine	0.905	0.966	0.979	1.025	1.015	1.047	1.104	1.134	1.132	1.103	1.041	7.42
18) T 3-Methylphenol/4-Methylphenol	1.157	1.179	1.281	1.296	1.332	1.375	1.452	1.493	1.485	1.433	1.348	8.95
19) S Nitrobenzene-d5	1.207	1.245	1.248	1.260	1.321	1.363	1.440	1.482	1.468	1.358	1.339	7.44
20) T Nitrobenzene	1.178	1.235	1.286	1.332	1.342	1.409	1.500	1.544	1.533	1.433	1.379	9.14
21) T Isophorone	2.480	2.640	2.721	2.807	2.871	2.960	3.059	3.100	3.086	2.958	2.868	7.18
22) T 2-Nitrophenol				0.525	0.588	0.622	0.694	0.729	0.716	0.657	0.647	11.44
23) T 2,4-Dimethylphenol	1.118	1.252	1.247	1.349	1.393	1.468	1.553	1.556	1.577	1.511	1.402	11.24
24) T bis(2-Chloroethoxy)methane	1.589	1.588	1.606	1.726	1.690	1.778	1.829	1.842	1.863	1.782	1.729	6.16
25) T 2,4-Dichlorophenol	0.949	1.018	1.047	1.121	1.143	1.209	1.307	1.333	1.353	1.284	1.176	12.12
26) T 1,2,4-Trichlorobenzene	1.195	1.244	1.295	1.304	1.318	1.330	1.375	1.419	1.398	1.369	1.325	5.26
27) I IS2_1,4-Dichlorobenzene-d4	-----ISTD-----											
28) T Benzaldehyde		1.199	1.229	1.182	1.175	1.203	1.195	1.264	1.228	1.186	1.207	2.37
29) T Acetophenone		2.053	2.088	2.022	2.067	2.124	2.138	2.242	2.185	2.160	2.120	3.29
30) T m-Toluidine		1.889	1.933	1.962	1.964	2.113	2.147	2.284	2.240	2.159	2.077	6.90
31) T 2-Chloroaniline		1.758	1.753	1.777	1.804	1.877	1.946	2.056	2.020	1.970	1.884	6.23
32) I IS3_1,4-Dichlorobenzene-d4	-----ISTD-----											
33) T 1,4-Dioxane	0.515	0.505	0.541	0.558	0.533	0.534	0.531	0.536	0.529	0.522	0.530	2.73
34) T n-Decane	1.286	1.308	1.418	1.328	1.296	1.310	1.336	1.349	1.367	1.327	1.332	2.90
35) I IS1_Naphthalene-d8	-----ISTD-----											
36) T Naphthalene	1.006	0.983	1.002	0.984	0.968	0.986	0.967	0.964	0.960	0.946	0.977	1.93



Initial Calibration Summary

Form 6

Semivolatiles

Client : TRC Solutions
Project Name : CHROMALLOY
Instrument ID : MORK
Calibration dates : 03/29/21 09:00 03/29/21 21:50

Lab Number : L2131407
Project Number : 1902732021
Ical Ref : ICAL17773

Calibration Files

1.0 =ADPL1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
37) T Benzoic Acid					0.140	0.187	0.222	0.237	0.242	0.225	0.209	18.56
38) T 4-Chloroaniline		0.113	0.111	0.114	0.116	0.123	0.122	0.124	0.127	0.126	0.120	4.91
39) T Hexachlorobutadiene	0.178	0.165	0.171	0.175	0.170	0.173	0.171	0.174	0.174	0.174	0.173	2.07
40) T p-Chloro-m-cresol	0.249	0.243	0.253	0.272	0.279	0.290	0.298	0.294	0.305	0.297	0.278	8.18
41) T 2-Methylnaphthalene	0.671	0.664	0.678	0.682	0.675	0.697	0.686	0.690	0.684	0.679	0.681	1.41
42) T 1-Methylnaphthalene	0.213	0.214	0.217	0.218	0.217	0.215	0.223	0.219	0.228	0.228	0.219	2.39
43) T Hexachlorocyclopentadiene				0.213	0.212	0.223	0.235	0.245	0.249	0.241	0.231	6.50
44) T 2,4,6-Trichlorophenol		0.187	0.185	0.199	0.201	0.214	0.217	0.233	0.231	0.222	0.210	8.45
45) T 2,4,5-Trichlorophenol		0.191	0.208	0.218	0.229	0.237	0.245	0.231	0.243	0.238	0.227	7.92
46) S 2-Fluorobiphenyl	0.781	0.786	0.783	0.763	0.762	0.780	0.783	0.777	0.781	0.760	0.776	1.27
47) T 2-Chloronaphthalene	0.651	0.653	0.641	0.639	0.653	0.671	0.671	0.669	0.683	0.674	0.661	2.28
48) T 2-Nitroaniline				0.176	0.189	0.205	0.220	0.229	0.232	0.220	0.210	10.13
49) T 1,4-Dinitrobenzene				0.066	0.071	0.089	0.094	0.100	0.102	0.099	0.089	16.50
50) T 1,3-Dinitrobenzene		0.072	0.073	0.083	0.093	0.102	0.108	0.116	0.119	0.113	0.098	18.58
51) T Dimethyl phthalate		0.820	0.797	0.793	0.797	0.817	0.807	0.806	0.830	0.809	0.808	1.50
52) T Acenaphthylene	1.052	1.062	1.083	1.095	1.095	1.143	1.133	1.131	1.154	1.120	1.107	3.14
53) T 2,6-Dinitrotoluene		0.120	0.135	0.142	0.146	0.161	0.168	0.173	0.176	0.168	0.154	12.50
54) T 1,2-Dinitrobenzene				0.055	0.062	0.068	0.071	0.073	0.077	0.074	0.068	11.07
55) I IS2_Naphthalene-d8	-----ISTD-----											
56) T a-Terpineol		0.254	0.251	0.259	0.263	0.271	0.279	0.289	0.285	0.279	0.270	5.13
57) T 3-Chloroaniline		0.120	0.131	0.133	0.140	0.148	0.150	0.153	0.152	0.148	0.142	8.09
58) T 2,6-Dichlorophenol		0.255	0.275	0.273	0.284	0.297	0.308	0.322	0.313	0.314	0.293	7.76
59) T 1-chloro-2-nitrobenzene		0.113	0.112	0.120	0.124	0.128	0.134	0.141	0.141	0.139	0.128	8.84
60) T Caprolactam			0.108	0.126	0.140	0.155	0.164	0.172	0.171	0.166	0.150	15.55
61) T 1,2,4,5-Tetrachlorobenzene		0.351	0.359	0.331	0.340	0.348	0.347	0.352	0.353	0.340	0.347	2.50
62) T Biphenyl		0.900	0.901	0.875	0.903	0.915	0.908	0.934	0.898	0.865	0.900	2.26
63) I IS1_Acenaphthene-d10	-----ISTD-----											
64) T 3-Nitroaniline			0.251	0.288	0.309	0.334	0.334	0.341	0.361	0.337	0.319	11.03
65) T Acenaphthene	1.200	1.146	1.115	1.110	1.111	1.131	1.109	1.107	1.164	1.016	1.121	4.27
66) T 2,4-Dinitrophenol				0.084	0.110	0.140	0.160	0.172	0.183	0.174	*L	0.9986
67) T Dibenzofuran		1.679	1.642	1.651	1.647	1.661	1.597	1.603	1.662	1.604	1.639	1.83
68) T 2,4-Dinitrotoluene		0.261	0.283	0.312	0.338	0.373	0.380	0.402	0.422	0.408	*L	0.9990
69) T 4-Nitrophenol				0.221	0.231	0.256	0.255	0.257	0.266	0.257	0.249	6.59
70) T 2,3,5,6-Tetrachlorophenol		0.281	0.305	0.322	0.340	0.341	0.348	0.358	0.374	0.358	0.336	8.68
71) T 2,3,4,6-Tetrachlorophenol		0.287	0.311	0.327	0.345	0.360	0.349	0.363	0.377	0.357	0.342	8.32
72) T Diethyl phthalate	1.300	1.293	1.298	1.300	1.343	1.363	1.334	1.331	1.382	1.335	1.328	2.27



Initial Calibration Summary

Form 6

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : MORK
 Calibration dates : 03/29/21 09:00 03/29/21 21:50

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL17773

Calibration Files

1.0 =ADPL1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =AP9L7.D
 100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
73) T Fluorene	1.305	1.256	1.286	1.287	1.304	1.346	1.313	1.324	1.362	1.308	1.309	2.32
74) T 4-Chlorophenyl-phenylether	0.631	0.628	0.601	0.632	0.624	0.644	0.623	0.640	0.661	0.633	0.632	2.46
75) T 4-Nitroaniline				0.308	0.337	0.370	0.365	0.371	0.387	0.368	0.358	7.40
76) T 4,6-Dinitro-o-cresol				0.129	0.161	0.193	0.211	0.227	0.240	0.228	*L	0.9986
77) T NDPA/DPA	1.111	1.138	1.130	1.123	1.128	1.160	1.138	1.123	1.149	1.108	1.131	1.43
78) T Azobenzene	1.239	1.268	1.265	1.264	1.282	1.304	1.267	1.279	1.309	1.270	1.275	1.59
79) S 2,4,6-Tribromophenol		0.190	0.200	0.196	0.226	0.234	0.240	0.251	0.265	0.255	0.229	12.04
80) T 4-Bromophenyl-phenylether	0.385	0.389	0.396	0.402	0.392	0.402	0.392	0.407	0.427	0.414	0.401	3.15
81) T Hexachlorobenzene	0.444	0.469	0.436	0.452	0.471	0.475	0.463	0.473	0.498	0.487	0.467	4.04
82) T Pentachlorophenol			0.217	0.229	0.276	0.299	0.316	0.328	0.344	0.334	*L	0.9993
83) I IS2_Acenaphthene-d10	-----ISTD-----											
84) T Dichloran				0.114	0.128	0.152	0.174	0.193	0.200	0.200	*L	0.9926
85) T Pentachloronitrobenzene				0.149	0.157	0.172	0.179	0.189	0.196	0.192	*L	0.9994
86) I IS3_Acenaphthene-d10	-----ISTD-----											
87) T Atrazine		0.339	0.357	0.376	0.394	0.420	0.448	0.459	0.476	0.464	0.415	12.16
88) I IS1_Phenanthrene-d10	-----ISTD-----											
89) T Phenanthrene	1.121	1.034	1.068	1.045	1.019	1.024	1.022	1.009	1.032	0.987	1.036	3.55
90) T Anthracene	1.053	1.033	1.053	1.050	1.065	1.058	1.068	1.057	1.080	1.031	1.055	1.43
91) T Carbazole	0.939	0.967	1.007	1.013	0.996	1.009	0.996	0.985	1.010	0.970	0.989	2.42
92) s O-Terphenyl											0.000	-1.00
93) T Di-n-butylphthalate		1.000	1.052	1.065	1.120	1.143	1.179	1.185	1.218	1.169	1.126	6.46
94) s 1-Chlorooctade											0.000	-1.00
95) T Fluoranthene	1.195	1.170	1.203	1.177	1.208	1.218	1.245	1.212	1.230	1.212	1.207	1.86
96) T Benzidine		0.671	0.777	0.796	0.853	0.895	0.919	0.920	0.952	0.939	0.858	10.87
97) T Pyrene	1.276	1.254	1.284	1.266	1.288	1.297	1.299	1.266	1.301	1.271	1.280	1.26
98) S 4-Terphenyl-d14	0.994	0.956	1.003	1.003	0.994	1.009	1.021	1.005	1.042	1.016	1.004	2.19
99) T Butyl benzyl phthalate				0.441	0.486	0.523	0.549	0.572	0.583	0.568	0.532	9.77
100) I IS2_Phenanthrene-d10	-----ISTD-----											
101) T Diphenamid				0.470	0.508	0.544	0.552	0.560	0.555	0.547	0.534	6.16
102) I IS3_Phenanthrene-d10	-----ISTD-----											
103) T n-Octadecane		0.353	0.350	0.352	0.378	0.382	0.413	0.420	0.415	0.414	0.386	7.70
104) T Parathion				0.062	0.072	0.090	0.111	0.124	0.134	0.133	*L	0.9967
105) T 3,3'-Dimethylbenzidine			0.628	0.697	0.779	0.921	0.975	1.015	1.097	1.039	0.894	19.25
106) I IS1_Chrysene-d12	-----ISTD-----											
107) T Benzo[a]anthracene	1.184	1.130	1.143	1.131	1.131	1.130	1.128	1.120	1.143	1.114	1.135	1.70
108) T 3,3'-Dichlorobenzidine		0.350	0.385	0.409	0.435	0.455	0.474	0.486	0.494	0.485	0.441	11.52



Initial Calibration Summary

Form 6

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : MORK
 Calibration dates : 03/29/21 09:00 03/29/21 21:50

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL17773

Calibration Files

1.0 =ADPL1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =AP9L7.D
 100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
109) T Chrysene	1.147	1.114	1.111	1.125	1.106	1.090	1.081	1.075	1.088	1.054	1.099	2.44
110) T bis(2-Ethylhexyl)phthalate		0.473	0.532	0.569	0.634	0.677	0.706	0.711	0.742	0.717	0.640	14.79
111) T Di-n-octylphthalate				0.894	1.053	1.137	1.211	1.272	1.298	1.254	1.160	12.47
112) T Benzo(b)fluoranthene	1.100	1.066	1.153	1.172	1.206	1.175	1.192	1.205	1.226	1.191	1.169	4.28
113) T Benzo(k)fluoranthene	1.107	1.166	1.180	1.168	1.172	1.220	1.180	1.151	1.150	1.081	1.158	3.39
114) T Benzo(a)pyrene	1.015	1.063	1.093	1.104	1.160	1.153	1.162	1.146	1.159	1.111	1.117	4.41
115) I IS1_Perylene-d12	-----ISTD-----											
116) T Indeno(1,2,3-cd)pyrene	0.825	0.855	0.911	0.930	0.964	1.002	1.023	1.023	1.075	1.045	0.965	8.62
117) T Dibenzo[a,h]anthracene	0.872	0.937	0.969	0.995	1.040	1.057	1.103	1.092	1.152	1.112	1.033	8.55
118) T Benzo(g,h,i)perylene	0.965	0.966	1.005	1.009	1.057	1.081	1.063	1.059	1.099	1.078	1.038	4.66



Initial Calibration Summary

Form 6

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : SV103
 Calibration dates : 03/29/21 22:00 03/30/21 10:34

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL17774

Calibration Files

1.0 =AP9L1.d 2.0 =AP9L2.d 3.0 =AP9L3.d 5.0 =AP9L4.d 10 =AP9L5.d 20 =AP9L6.d 50 =AP9L7.d
 100 =AP9L8.d 150 =AP9L9.d 200 =AP9L10.d

Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
1) I IS1_1,4-Dichlorobenzene-d4	-----ISTD-----											
2) t N-Nitrosodimethylamine	0.831	0.774	0.737	0.749	0.752	0.782	0.743	0.770	0.781	0.905	0.782	6.52
3) t Pyridine			1.121	1.188	1.197	1.206	1.201	1.279	1.337	1.524	1.257	10.02
4) S 2-Fluorophenol	1.160	1.113	1.115	1.119	1.123	1.173	1.177	1.229	1.260	1.413	*L	0.9947
5) T Aniline	1.915	1.974	1.923	1.936	1.928	1.983	1.904	1.861	1.863	1.969	1.926	2.21
6) t 2-Chlorophenol	1.264	1.348	1.317	1.306	1.334	1.362	1.354	1.327	1.333	1.393	1.334	2.61
7) S Phenol-d6	1.397	1.416	1.395	1.419	1.444	1.474	1.451	1.419	1.419	1.487	1.432	2.17
8) T Phenol	1.472	1.543	1.560	1.522	1.530	1.585	1.535	1.512	1.496	1.582	1.534	2.34
9) T bis(2-Chloroethyl)ether	1.274	1.277	1.256	1.287	1.227	1.242	1.207	1.183	1.182	1.271	1.240	3.16
10) T 1,3-Dichlorobenzene	1.594	1.529	1.512	1.497	1.477	1.472	1.464	1.458	1.431	1.420	1.485	3.42
11) T 1,4-Dichlorobenzene	1.597	1.612	1.586	1.506	1.543	1.528	1.490	1.503	1.504	1.474	1.534	3.14
12) T 1,2-Dichlorobenzene	1.485	1.551	1.490	1.472	1.480	1.463	1.444	1.439	1.445	1.339	1.461	3.68
13) t Benzyl alcohol	0.928	0.950	0.997	0.981	1.025	1.056	1.042	1.051	1.050	0.980	1.006	4.54
14) T bis(2-chloroisopropyl)ether	1.770	1.788	1.832	1.780	1.781	1.727	1.696	1.664	1.669	1.473	1.718	5.96
15) T 2-Methylphenol	1.081	1.168	1.168	1.181	1.198	1.223	1.193	1.208	1.206	1.065	1.169	4.58
16) T Hexachloroethane	0.590	0.583	0.570	0.584	0.587	0.586	0.580	0.583	0.611	0.676	0.595	5.08
17) T n-Nitrosodi-n-propylamine	0.850	0.854	0.885	0.920	0.917	0.912	0.889	0.894	0.914	0.999	0.903	4.62
18) T 3-Methylphenol/4-Methylphenol	1.234	1.193	1.274	1.237	1.286	1.302	1.270	1.278	1.308	1.415	1.280	4.60
19) S Nitrobenzene-d5	1.308	1.276	1.299	1.318	1.316	1.349	1.326	1.356	1.371	1.520	1.344	5.05
20) T Nitrobenzene	1.197	1.271	1.272	1.305	1.327	1.359	1.320	1.340	1.348	1.478	1.322	5.49
21) T Isophorone	2.397	2.406	2.421	2.547	2.550	2.530	2.455	2.535	2.495	2.808	2.514	4.73
22) T 2-Nitrophenol		0.536	0.589	0.614	0.643	0.664	0.685	0.725	0.725	0.798	0.664	11.98
23) T 2,4-Dimethylphenol	1.196	1.236	1.287	1.317	1.329	1.365	1.328	1.394	1.383	1.543	1.338	7.14
24) T bis(2-Chloroethoxy)methane	1.693	1.708	1.690	1.706	1.704	1.662	1.611	1.657	1.648	1.865	1.695	3.99
25) T 2,4-Dichlorophenol	1.043	1.074	1.099	1.130	1.163	1.163	1.143	1.184	1.177	1.313	1.149	6.43
26) T 1,2,4-Trichlorobenzene	1.288	1.229	1.239	1.241	1.266	1.250	1.215	1.245	1.249	1.415	1.264	4.47
27) I IS2_1,4-Dichlorobenzene-d4	-----ISTD-----											
28) T Benzaldehyde	1.184	1.143	1.236	1.159	1.131	1.439	1.141	1.194	1.400	1.153	1.218	9.12
29) T Acetophenone	1.764	1.915	1.840	2.081	1.920	1.951	1.987	2.086	1.965	2.032	1.954	5.19
30) T m-Toluidine	1.708	1.754	1.766	2.006	1.983	1.938	1.948	2.064	1.978	2.013	1.916	6.54
31) T 2-Chloroaniline	1.677	1.775	1.778	1.917	1.656	2.344	1.854	1.954	1.863	2.173	1.899	11.35
32) I IS3_1,4-Dichlorobenzene-d4	-----ISTD-----											
33) T 1,4-Dioxane	0.765	0.664	0.516	0.520	0.623	0.642	0.488	0.602	0.620	0.611	0.605	13.48
34) T n-Decane		1.210	1.257	1.286	1.200	1.215	1.274	1.223	1.228	1.188	1.231	2.75
35) I IS1_Naphthalene-d8	-----ISTD-----											
36) T Naphthalene	1.051	1.044	1.029	1.006	0.999	1.003	0.973	0.964	0.967	0.910	0.995	4.30



Initial Calibration Summary

Form 6

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : SV103
 Calibration dates : 03/29/21 22:00 03/30/21 10:34

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL17774

Calibration Files

1.0 =AP9L1.d 2.0 =AP9L2.d 3.0 =AP9L3.d 5.0 =AP9L4.d 10 =AP9L5.d 20 =AP9L6.d 50 =AP9L7.d
 100 =AP9L8.d 150 =AP9L9.d 200 =AP9L10.d

Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
37) T Benzoic Acid				0.169	0.197	0.219	0.237	0.259	0.265	0.256	0.229	15.61
38) T 4-Chloroaniline	0.105	0.115	0.110	0.109	0.114	0.114	0.111	0.110	0.111	0.106	0.111	3.08
39) T Hexachlorobutadiene	0.160	0.161	0.162	0.168	0.160	0.157	0.160	0.161	0.163	0.164	0.162	1.78
40) T p-Chloro-m-cresol	0.255	0.251	0.264	0.272	0.272	0.282	0.277	0.281	0.282	0.273	0.271	4.05
41) T 2-Methylnaphthalene	0.682	0.680	0.677	0.681	0.678	0.676	0.654	0.655	0.649	0.627	0.666	2.77
42) T 1-Methylnaphthalene	0.213	0.207	0.215	0.220	0.211	0.209	0.204	0.205	0.209	0.202	0.210	2.66
43) T Hexachlorocyclopentadiene	0.167	0.164	0.178	0.190	0.190	0.195	0.199	0.209	0.216	0.220	0.193	9.91
44) T 2,4,6-Trichlorophenol	0.166	0.176	0.181	0.185	0.197	0.198	0.193	0.202	0.204	0.202	0.190	6.85
45) T 2,4,5-Trichlorophenol	0.181	0.189	0.195	0.203	0.212	0.217	0.215	0.217	0.221	0.216	0.207	6.74
46) S 2-Fluorobiphenyl	0.742	0.735	0.743	0.746	0.731	0.721	0.703	0.705	0.704	0.689	0.722	2.81
47) T 2-Chloronaphthalene	0.623	0.618	0.617	0.645	0.632	0.621	0.606	0.611	0.620	0.602	0.620	2.02
48) T 2-Nitroaniline				0.181	0.198	0.207	0.209	0.213	0.218	0.205	0.204	5.98
49) T 1,4-Dinitrobenzene				0.077	0.087	0.091	0.094	0.095	0.099	0.095	0.091	7.81
50) T 1,3-Dinitrobenzene		0.075	0.084	0.091	0.100	0.105	0.104	0.108	0.110	0.105	0.098	12.18
51) T Dimethyl phthalate	0.746	0.722	0.743	0.774	0.773	0.746	0.722	0.716	0.717	0.698	0.736	3.41
52) T Acenaphthylene	0.994	1.020	1.054	1.083	1.083	1.070	1.035	1.037	1.036	0.987	1.040	3.24
53) T 2,6-Dinitrotoluene		0.128	0.136	0.148	0.156	0.157	0.159	0.161	0.157	0.157	0.151	7.49
54) T 1,2-Dinitrobenzene				0.064	0.067	0.068	0.068	0.069	0.070	0.066	0.067	3.09
55) I IS2_Naphthalene-d8	-----ISTD-----											
56) T a-Terpineol		0.246	0.242	0.260	0.256	0.263	0.260	0.267	0.252	0.248	0.255	3.30
57) T 3-Chloroaniline	0.126	0.129	0.134	0.134	0.132	0.136	0.133	0.136	0.130	0.125	0.132	2.86
58) T 2,6-Dichlorophenol	0.256	0.258	0.248	0.274	0.323	0.287	0.286	0.296	0.284	0.282	0.279	7.80
59) T 1-chloro-2-nitrobenzene		0.159	0.166	0.132	0.164	0.142	0.140	0.146	0.142	0.141	0.148	8.09
60) T Caprolactam			0.155	0.129	0.164	0.145	0.146	0.154	0.148	0.147	0.149	6.80
61) T 1,2,4,5-Tetrachlorobenzene		0.409	0.395	0.319	0.391	0.313	0.298	0.309	0.300	0.299	0.337	13.88
62) T Biphenyl	1.036	1.109	1.112	0.890	1.098	0.880	0.821	0.842	0.808	0.779	0.937	14.47
63) I IS1_Acenaphthene-d10	-----ISTD-----											
64) T 3-Nitroaniline			0.301	0.314	0.336	0.344	0.349	0.348	0.357	0.331	0.335	5.72
65) T Acenaphthene		1.091	1.070	1.076	1.042	1.057	1.036	1.016	1.034	0.970	1.044	3.48
66) T 2,4-Dinitrophenol				0.109	0.129	0.144	0.162	0.171	0.179	0.168	*L	0.9986
67) T Dibenzofuran	1.762	1.688	1.738	1.699	1.666	1.630	1.615	1.599	1.616	1.523	1.654	4.32
68) T 2,4-Dinitrotoluene		0.302	0.330	0.342	0.374	0.384	0.399	0.394	0.407	0.386	0.369	9.75
69) T 4-Nitrophenol			0.206	0.206	0.228	0.240	0.244	0.245	0.253	0.233	0.232	7.60
70) T 2,3,5,6-Tetrachlorophenol		0.246	0.271	0.291	0.305	0.312	0.322	0.322	0.336	0.322	0.303	9.54
71) T 2,3,4,6-Tetrachlorophenol		0.264	0.285	0.297	0.307	0.316	0.315	0.318	0.329	0.319	0.306	6.71
72) T Diethyl phthalate	1.389	1.346	1.400	1.467	1.461	1.439	1.427	1.400	1.433	1.390	1.415	2.62



Initial Calibration Summary

Form 6

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : SV103
 Calibration dates : 03/29/21 22:00 03/30/21 10:34

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL17774

Calibration Files

1.0 =AP9L1.d 2.0 =AP9L2.d 3.0 =AP9L3.d 5.0 =AP9L4.d 10 =AP9L5.d 20 =AP9L6.d 50 =AP9L7.d
 100 =AP9L8.d 150 =AP9L9.d 200 =AP9L10.d

Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
73) T Fluorene	1.289	1.291	1.315	1.327	1.323	1.326	1.291	1.271	1.300	1.226	1.296	2.39
74) T 4-Chlorophenyl-phenylether	0.603	0.606	0.634	0.643	0.616	0.605	0.600	0.595	0.607	0.590	0.610	2.74
75) T 4-Nitroaniline			0.292	0.303	0.337	0.348	0.349	0.345	0.355	0.322	0.331	7.04
76) T 4,6-Dinitro-o-cresol				0.147	0.172	0.187	0.197	0.208	0.215	0.200	0.190	12.31
77) T NDPA/DPA	1.048	1.075	1.120	1.128	1.134	1.113	1.111	1.082	1.104	1.048	1.096	2.86
78) T Azobenzene	1.202	1.238	1.279	1.288	1.288	1.283	1.271	1.221	1.259	1.196	1.253	2.85
79) S 2,4,6-Tribromophenol		0.162	0.184	0.188	0.203	0.205	0.217	0.221	0.234	0.227	0.204	11.34
80) T 4-Bromophenyl-phenylether	0.353	0.340	0.357	0.350	0.356	0.349	0.351	0.349	0.362	0.355	0.352	1.68
81) T Hexachlorobenzene	0.428	0.445	0.435	0.432	0.424	0.419	0.418	0.419	0.434	0.428	0.428	2.00
82) T Pentachlorophenol			0.192	0.215	0.232	0.242	0.251	0.264	0.276	0.267	0.242	11.78
83) I IS2_Acenaphthene-d10	-----ISTD-----											
84) T Dichloran				0.117	0.125	0.144	0.158	0.179	0.170	0.178	0.153	16.47
85) T Pentachloronitrobenzene				0.133	0.134	0.154	0.156	0.168	0.157	0.166	0.153	9.12
86) I IS3_Acenaphthene-d10	-----ISTD-----											
87) T Atrazine		0.275	0.283	0.285	0.331	0.358	0.366	0.400	0.409	0.376	0.343	15.08
88) I IS1_Phenanthrene-d10	-----ISTD-----											
89) T Phenanthrene	1.108	1.082	1.081	1.070	1.046	1.041	1.030	1.001	1.025	0.983	1.047	3.71
90) T Anthracene	1.038	1.008	1.039	1.050	1.055	1.056	1.056	1.035	1.053	1.009	1.040	1.75
91) T Carbazole	0.901	0.947	0.965	0.975	0.994	1.015	0.991	0.974	0.998	0.925	0.969	3.62
92) T Di-n-butylphthalate	1.012	1.043	1.132	1.226	1.267	1.284	1.315	1.302	1.336	1.308	1.223	9.66
93) T Fluoranthene	0.991	0.994	1.017	1.050	1.069	1.084	1.074	1.073	1.109	1.043	1.051	3.73
94) T Benzidine		0.575	0.626	0.664	0.740	0.789	0.807	0.824	0.850	0.798	0.741	13.09
95) T Pyrene	1.085	1.088	1.122	1.124	1.167	1.156	1.135	1.131	1.155	1.081	1.125	2.76
96) S 4-Terphenyl-d14	0.802	0.793	0.829	0.843	0.861	0.856	0.852	0.851	0.886	0.849	0.842	3.30
97) T Butyl benzyl phthalate			0.455	0.506	0.536	0.549	0.569	0.588	0.578	0.540	0.540	8.62
98) I IS2_Phenanthrene-d10	-----ISTD-----											
99) T Diphenamid	0.385	0.405	0.429	0.478	0.477	0.530	0.519	0.557	0.509	0.528	0.482	12.08
100) I IS3_Phenanthrene-d10	-----ISTD-----											
101) T n-Octadecane		0.388	0.392	0.402	0.426	0.451	0.464	0.486	0.472	0.434	0.435	8.23
102) T Parathion			0.068	0.082	0.102	0.122	0.149	0.155	0.143		*L	0.9952
103) T 3,3'-Dimethylbenzidine			0.402	0.477	0.592	0.687	0.771	0.792	0.847	0.829		*L 0.9988
104) I IS1_Chrysene-d12	-----ISTD-----											
105) T Benzo[a]anthracene	1.141	1.108	1.136	1.140	1.126	1.143	1.132	1.117	1.141	1.098	1.128	1.40
106) T 3,3'-Dichlorobenzidine		0.365	0.409	0.434	0.456	0.478	0.474	0.480	0.490	0.472	0.451	9.11
107) T Chrysene	1.152	1.196	1.205	1.181	1.163	1.172	1.135	1.116	1.120	1.073	1.151	3.53
108) T bis(2-Ethylhexyl)phthalate		0.625	0.765	0.861	0.910	0.939	0.939	0.948	0.957	0.984	0.881	13.18



Initial Calibration Summary

Form 6

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : SV103
 Calibration dates : 03/29/21 22:00 03/30/21 10:34

Lab Number : L2131407
 Project Number : 1902732021
 Ical Ref : ICAL17774

Calibration Files

1.0 =AP9L1.d 2.0 =AP9L2.d 3.0 =AP9L3.d 5.0 =AP9L4.d 10 =AP9L5.d 20 =AP9L6.d 50 =AP9L7.d
 100 =AP9L8.d 150 =AP9L9.d 200 =AP9L10.d

Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
109) T Di-n-octylphthalate			1.014	1.224	1.387	1.483	1.535	1.574	1.617	1.671	*L	0.9993
110) T Benzo(b)fluoranthene	0.941	1.002	1.025	1.060	1.090	1.127	1.119	1.093	1.131	1.093	1.068	5.76
111) T Benzo(k)fluoranthene	0.975	1.040	1.065	1.123	1.119	1.153	1.128	1.136	1.138	1.074	1.095	5.11
112) T Benzo(a)pyrene	0.849	0.914	0.957	0.999	1.040	1.085	1.078	1.073	1.100	1.043	1.014	8.20
113) I IS1_Perylene-d12	-----ISTD-----											
114) T Indeno(1,2,3-cd)pyrene		0.765	0.792	0.849	0.906	0.936	0.991	1.017	1.069	1.030	0.928	11.69
115) T Dibenzo[a,h]anthracene	0.790	0.878	0.889	0.940	0.989	1.016	1.060	1.074	1.129	1.080	0.985	10.97
116) T Benzo(g,h,i)perylene	0.886	0.929	0.960	0.992	1.015	1.046	1.077	1.089	1.138	1.071	1.020	7.73

Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : MORK
 Lab File ID : ABN0619
 Sample No : WG1513136-3
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/19/21 19:57
 Init. Calib. Date(s) : 03/29/21 03/29/21
 Init. Calib. Times : 09:00 21:50

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	88	0
n-Nitrosodimethylamine	0.82	0.951	-	-16	20	96	0
Pyridine	1.371	1.604	-	-17	20	98	0
2-Fluorophenol	1.126	1.206	-	-7.1	20	88	0
Aniline	2.164	1.994	-	7.9	20	79	0
2-Chlorophenol	1.309	1.234	-	5.7	20	80	0
Phenol-d6	1.526	1.48	-	3	20	81	0
Phenol	1.824	1.734	-	4.9	20	80	0
Bis(2-chloroethyl)ether	1.277	1.172	-	8.2	20	79	0
1,3-Dichlorobenzene	1.492	1.342	-	10.1	20	80	0
1,4-Dichlorobenzene	1.535	1.359	-	11.5	20	79	0
1,2-Dichlorobenzene	1.469	1.305	-	11.2	20	78	0
Benzyl alcohol	1.136	1.185	-	-4.3	20	84	0
Bis(2-chloroisopropyl)ethe	1.743	2.563	-	-47*	20	128	0
2-Methylphenol	1.244	1.172	-	5.8	20	77	0
Hexachloroethane	0.541	0.539	-	0.4	20	87	0
n-Nitrosodi-n-propylamine	1.041	1.014	-	2.6	20	81	0
3-Methylphenol/4-Methylphe	1.348	1.246	-	7.6	20	75	0
Nitrobenzene-d5	1.339	1.415	-	-5.7	20	86	0
Nitrobenzene	1.379	1.442	-	-4.6	20	84	0
Isophorone	2.868	2.653	-	7.5	20	76	0
2-Nitrophenol	0.647	0.689	-	-6.5	20	87	0
2,4-Dimethylphenol	1.402	1.22	-	13	20	69	0
Bis(2-chloroethoxy)methane	1.729	1.532	-	11.4	20	74	0
2,4-Dichlorophenol	1.176	1.082	-	8	20	73	0
1,2,4-Trichlorobenzene	1.325	1.112	-	16.1	20	71	0
IS1_Naphthalene-d8	1	1	-	0	20	78	0
Naphthalene	0.977	0.888	-	9.1	20	72	0
Benzoic Acid	0.209	0.217	-	-3.8	20	77	0
4-Chloroaniline	0.12	0.133	-	-10.8	20	85	0
Hexachlorobutadiene	0.173	0.157	-	9.2	20	72	0
p-Chloro-m-cresol	0.278	0.284	-	-2.2	20	75	0
2-Methylnaphthalene	0.681	0.616	-	9.5	20	70	0
1-Methylnaphthalene	0.219	0.219	-	0	20	77	0
Hexachlorocyclopentadiene	0.231	0.191	-	17.3	20	64	0
2,4,6-Trichlorophenol	0.21	0.196	-	6.7	20	71	0
2,4,5-Trichlorophenol	0.227	0.217	-	4.4	20	69	0
2-Fluorobiphenyl	0.776	0.687	-	11.5	20	69	0
2-Chloronaphthalene	0.661	0.58	-	12.3	20	68	0
2-Nitroaniline	0.21	0.219	-	-4.3	20	78	0
1,4-Dinitrobenzene	0.089	0.096	-	-7.9	20	80	0
1,3-Dinitrobenzene	0.098	0.109	-	-11.2	20	78	0
Dimethyl phthalate	0.808	0.707	-	12.5	20	69	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : MORK
 Lab File ID : ABN0619
 Sample No : WG1513136-3
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/19/21 19:57
 Init. Calib. Date(s) : 03/29/21 03/29/21
 Init. Calib. Times : 09:00 21:50

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.107	1.04	-	6.1	20	72	0
2,6-Dinitrotoluene	0.154	0.153	-	0.6	20	71	0
1,2-Dinitrobenzene	0.068	0.068	-	0	20	76	0
IS1_Acenaphthene-d10	1	1	-	0	20	73	0
3-Nitroaniline	0.319	0.332	-	-4.1	20	73	0
Acenaphthene	1.121	0.952	-	15.1	20	63	0
2,4-Dinitrophenol	50	57.824	-	-15.6	20	89	0
Dibenzofuran	1.639	1.52	-	7.3	20	70	0
2,4-Dinitrotoluene	50	47.29	-	5.4	20	73	0
4-Nitrophenol	0.249	0.309	-	-24.1*	20	89	0
2,3,5,6-Tetrachlorophenol	0.336	0.324	-	3.6	20	68	0
2,3,4,6-Tetrachlorophenol	0.342	0.324	-	5.3	20	68	0
Diethyl phthalate	1.328	1.295	-	2.5	20	71	0
Fluorene	1.309	1.224	-	6.5	20	68	0
4-Chlorophenyl phenyl ethe	0.632	0.564	-	10.8	20	66	0
4-Nitroaniline	0.358	0.34	-	5	20	68	0
4,6-Dinitro-o-cresol	50	52.313	-	-4.6	20	81	0
NDPA/DPA	1.131	1.053	-	6.9	20	68	0
Azobenzene	1.275	1.356	-	-6.4	20	78	0
2,4,6-Tribromophenol	0.229	0.201	-	12.2	20	61	0
4-Bromophenyl phenyl ether	0.401	0.355	-	11.5	20	66	0
Hexachlorobenzene	0.467	0.385	-	17.6	20	61	0
Pentachlorophenol	50	39.73	-	20.5*	20	60	0
IS1_Phenanthrene-d10	1	1	-	0	20	76	0
Phenanthrene	1.036	0.897	-	13.4	20	67	0
Anthracene	1.055	0.911	-	13.6	20	65	0
Carbazole	0.989	0.912	-	7.8	20	70	0
Di-n-butylphthalate	1.126	1.133	-	-0.6	20	73	0
Fluoranthene	1.207	1.103	-	8.6	20	67	0
Benzidine	0.858	0.786	-	8.4	20	65	0
Pyrene	1.28	1.151	-	10.1	20	67	0
4-Terphenyl-d14	1.004	0.842	-	16.1	20	63	0
Butyl benzyl phthalate	0.532	0.53	-	0.4	20	73	0
IS1_Chrysene-d12	1	1	-	0	20	72	0
Benzo(a)anthracene	1.135	1.006	-	11.4	20	64	0
3,3'-Dichlorobenzidine	0.441	0.434	-	1.6	20	65	0
Chrysene	1.099	0.968	-	11.9	20	64	0
Bis(2-ethylhexyl)phthalate	0.64	0.729	-	-13.9	20	74	0
Di-n-octylphthalate	1.16	1.278	-	-10.2	20	75	0
Benzo(b)fluoranthene	1.169	1.077	-	7.9	20	65	0
Benzo(k)fluoranthene	1.158	1.021	-	11.8	20	62	0
Benzo(a)pyrene	1.117	1.049	-	6.1	20	65	0
IS1_Perylene-d12	1	1	-	0	20	70	0

* Value outside of QC limits.



Calibration Verification Summary
Form 7
Semivolatiles

Client : TRC Solutions
Project Name : CHROMALLOY
Instrument ID : MORK
Lab File ID : ABN0619
Sample No : WG1513136-3
Channel :

Lab Number : L2131407
Project Number : 1902732021
Calibration Date : 06/19/21 19:57
Init. Calib. Date(s) : 03/29/21 03/29/21
Init. Calib. Times : 09:00 21:50

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.965	0.884	-	8.4	20	60	0
Dibenzo(a,h)anthracene	1.033	0.914	-	11.5	20	58	0
Benzo(ghi)perylene	1.038	0.946	-	8.9	20	62	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : MORK
 Lab File ID : AP90619
 Sample No : WG1513136-4
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/19/21 20:25
 Init. Calib. Date(s) : 03/29/21 03/29/21
 Init. Calib. Times : 09:00 21:50

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
Benzaldehyde	1.207	1.012	-	16.2	20	85	0
Acetophenone	1.908	1.741	-	8.8	20	82	0
m-Toluidine	2.077	1.771	-	14.7	20	83	0
2-Chloroaniline	1.884	1.55	-	17.7	20	80	0
IS2_Naphthalene-d8	1	1	-	0	20	90	0
a-Terpineol	0.27	0.345	-	-27.8*	20	111	0
3-Chloroaniline	0.142	0.152	-	-7	20	92	0
2,6-Dichlorophenol	0.293	0.271	-	7.5	20	79	0
1-chloro-2-nitrobenzene	0.128	0.132	-	-3.1	20	89	0
Caprolactam	0.15	0.209	-	-39.3*	20	115	0
1,2,4,5-Tetrachlorobenzene	0.347	0.287	-	17.3	20	74	0
Biphenyl	0.9	0.752	-	16.4	20	74	0
IS2_Acenaphthene-d10	1	1	-	0	20	84	0
Dichloran	50	51.68	-	-3.4	20	91	0
Pentachloronitrobenzene	50	46.498	-	7	20	82	0
IS2_Phenanthrene-d10	1	1	-	0	20	84	0
Diphenamid	0.534	0.482	-	9.7	20	74	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : SV103
 Lab File ID : ABN0619
 Sample No : WG1514420-3
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/19/21 22:33
 Init. Calib. Date(s) : 03/29/21 03/30/21
 Init. Calib. Times : 22:00 10:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	87	0
n-Nitrosodimethylamine	0.782	0.804	-	-2.8	20	94	0
Pyridine	1.257	1.278	-	-1.7	20	92	0
2-Fluorophenol	50	50.313	-	-0.6	20	96	0
Aniline	1.926	2.093	-	-8.7	20	95	0
2-Chlorophenol	1.334	1.437	-	-7.7	20	92	0
Phenol-d6	1.432	1.625	-	-13.5	20	97	0
Phenol	1.534	1.71	-	-11.5	20	97	0
Bis(2-chloroethyl)ether	1.24	1.367	-	-10.2	20	98	0
1,3-Dichlorobenzene	1.485	1.464	-	1.4	20	87	0
1,4-Dichlorobenzene	1.534	1.498	-	2.3	20	87	0
1,2-Dichlorobenzene	1.461	1.431	-	2.1	20	86	0
Benzyl alcohol	1.006	1.201	-	-19.4	20	100	0
Bis(2-chloroisopropyl)ethe	1.718	1.561	-	9.1	20	80	0
2-Methylphenol	1.169	1.254	-	-7.3	20	91	0
Hexachloroethane	0.595	0.623	-	-4.7	20	93	0
n-Nitrosodi-n-propylamine	0.903	1.013	-	-12.2	20	99	0
3-Methylphenol/4-Methylphe	1.28	1.332	-	-4.1	20	91	0
Nitrobenzene-d5	1.344	1.549	-	-15.3	20	101	0
Nitrobenzene	1.322	1.495	-	-13.1	20	98	0
Isophorone	2.514	2.577	-	-2.5	20	91	0
2-Nitrophenol	0.664	0.744	-	-12	20	94	0
2,4-Dimethylphenol	1.338	1.405	-	-5	20	92	0
Bis(2-chloroethoxy)methane	1.695	1.749	-	-3.2	20	94	0
2,4-Dichlorophenol	1.149	1.06	-	7.7	20	81	0
1,2,4-Trichlorobenzene	1.264	1.114	-	11.9	20	80	0
IS1_Naphthalene-d8	1	1	-	0	20	88	0
Naphthalene	0.995	0.969	-	2.6	20	87	0
Benzoic Acid	0.229	0.271	-	-18.3	20	100	0
4-Chloroaniline	0.111	0.124	-	-11.7	20	98	0
Hexachlorobutadiene	0.162	0.129	-	20.4*	20	71	0
p-Chloro-m-cresol	0.271	0.292	-	-7.7	20	92	0
2-Methylnaphthalene	0.666	0.624	-	6.3	20	84	0
1-Methylnaphthalene	0.21	0.202	-	3.8	20	87	0
Hexachlorocyclopentadiene	0.193	0.163	-	15.5	20	72	0
2,4,6-Trichlorophenol	0.19	0.17	-	10.5	20	77	0
2,4,5-Trichlorophenol	0.207	0.182	-	12.1	20	74	0
2-Fluorobiphenyl	0.722	0.614	-	15	20	77	0
2-Chloronaphthalene	0.62	0.557	-	10.2	20	81	0
2-Nitroaniline	0.204	0.207	-	-1.5	20	87	0
1,4-Dinitrobenzene	0.091	0.089	-	2.2	20	83	0
1,3-Dinitrobenzene	0.098	0.097	-	1	20	81	0
Dimethyl phthalate	0.736	0.647	-	12.1	20	79	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : SV103
 Lab File ID : ABN0619
 Sample No : WG1514420-3
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/19/21 22:33
 Init. Calib. Date(s) : 03/29/21 03/30/21
 Init. Calib. Times : 22:00 10:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.04	0.912	-	12.3	20	77	0
2,6-Dinitrotoluene	0.151	0.147	-	2.6	20	82	0
1,2-Dinitrobenzene	0.067	0.062	-	7.5	20	80	0
IS1_Acenaphthene-d10	1	1	-	0	20	81	0
3-Nitroaniline	0.335	0.363	-	-8.4	20	84	0
Acenaphthene	1.044	1.05	-	-0.6	20	82	0
2,4-Dinitrophenol	50	54.105	-	-8.2	20	90	0
Dibenzofuran	1.654	1.568	-	5.2	20	78	0
2,4-Dinitrotoluene	0.369	0.412	-	-11.7	20	83	0
4-Nitrophenol	0.232	0.331	-	-42.7*	20	109	0
2,3,5,6-Tetrachlorophenol	0.303	0.278	-	8.3	20	70	0
2,3,4,6-Tetrachlorophenol	0.306	0.273	-	10.8	20	70	0
Diethyl phthalate	1.415	1.426	-	-0.8	20	80	0
Fluorene	1.296	1.267	-	2.2	20	79	0
4-Chlorophenyl phenyl ethe	0.61	0.538	-	11.8	20	72	0
4-Nitroaniline	0.331	0.353	-	-6.6	20	82	0
4,6-Dinitro-o-cresol	0.19	0.204	-	-7.4	20	84	0
NDPA/DPA	1.096	1.074	-	2	20	78	0
Azobenzene	1.253	1.502	-	-19.9	20	95	0
2,4,6-Tribromophenol	0.204	0.181	-	11.3	20	67	0
4-Bromophenyl phenyl ether	0.352	0.297	-	15.6	20	68	0
Hexachlorobenzene	0.428	0.346	-	19.2	20	67	0
Pentachlorophenol	0.242	0.215	-	11.2	20	69	0
IS1_Phenanthrene-d10	1	1	-	0	20	75	0
Phenanthrene	1.047	1.04	-	0.7	20	76	0
Anthracene	1.04	1.07	-	-2.9	20	76	0
Carbazole	0.969	1.004	-	-3.6	20	76	0
Di-n-butylphthalate	1.223	1.41	-	-15.3	20	81	0
Fluoranthene	1.051	1.036	-	1.4	20	73	0
Benzidine	0.741	0.768	-	-3.6	20	72	0
Pyrene	1.125	1.074	-	4.5	20	71	0
4-Terphenyl-d14	0.842	0.763	-	9.4	20	67	0
Butyl benzyl phthalate	0.54	0.588	-	-8.9	20	81	0
IS1_Chrysene-d12	1	1	-	0	20	65	0
Benzo(a)anthracene	1.128	1.154	-	-2.3	20	67	0
3,3'-Dichlorobenzidine	0.451	0.463	-	-2.7	20	64	0
Chrysene	1.151	1.145	-	0.5	20	66	0
Bis(2-ethylhexyl)phthalate	0.881	1.173	-	-33.1*	20	82	0
Di-n-octylphthalate	50	60.585	-	-21.2*	20	83	0
Benzo(b)fluoranthene	1.068	1.13	-	-5.8	20	66	0
Benzo(k)fluoranthene	1.095	1.109	-	-1.3	20	64	0
Benzo(a)pyrene	1.014	1.092	-	-7.7	20	66	0
IS1_Perylene-d12	1	1	-	0	20	67	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
Project Name : CHROMALLOY
Instrument ID : SV103
Lab File ID : ABN0619
Sample No : WG1514420-3
Channel :

Lab Number : L2131407
Project Number : 1902732021
Calibration Date : 06/19/21 22:33
Init. Calib. Date(s) : 03/29/21 03/30/21
Init. Calib. Times : 22:00 10:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.928	1.007	-	-8.5	20	68	0
Dibenzo(a,h)anthracene	0.985	1.06	-	-7.6	20	67	0
Benzo(ghi)perylene	1.02	1.07	-	-4.9	20	66	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : SV103
 Lab File ID : AP90619
 Sample No : WG1514420-4
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/19/21 22:57
 Init. Calib. Date(s) : 03/29/21 03/30/21
 Init. Calib. Times : 22:00 10:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
Benzaldehyde	1.218	1.21	-	0.7	20	103	0
Acetophenone	1.954	2.061	-	-5.5	20	100	0
m-Toluidine	1.916	2.111	-	-10.2	20	105	0
2-Chloroaniline	1.899	1.776	-	6.5	20	93	0
IS2_Naphthalene-d8	1	1	-	0	20	99	0
a-Terpineol	0.255	0.264	-	-3.5	20	101	0
3-Chloroaniline	0.132	0.139	-	-5.3	20	103	0
2,6-Dichlorophenol	0.279	0.254	-	9	20	88	0
1-chloro-2-nitrobenzene	0.148	0.147	-	0.7	20	105	0
Caprolactam	0.149	0.142	-	4.7	20	96	0
1,2,4,5-Tetrachlorobenzene	0.337	0.241	-	28.5*	20	80	0
Biphenyl	0.937	0.739	-	21.1*	20	89	0
IS2_Acenaphthene-d10	1	1	-	0	20	97	0
Dichloran	0.153	0.14	-	8.5	20	86	0
Pentachloronitrobenzene	0.153	0.123	-	19.6	20	77	0
IS2_Phenanthrene-d10	1	1	-	0	20	90	0
Diphenamid	0.482	0.503	-	-4.4	20	88	0

* Value outside of QC limits.



Pesticide Data Section



**QA/QC Review of 8081B Pesticide Data
for Alpha Analytical Labs
SDG Number: L2131407**

**20 Soil Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Prepared by: Donald Anné
August 31, 2021

Geology

Hydrology

Remediation

Water Supply

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample SS-1.

Laboratory Control Sample: The relative percent differences for target pesticides were below the allowable maximum and percent recoveries were within QC limits for soil samples WG1514151-2/3 and WG1514205-2/3.

Field Duplicates: The relative percent differences for applicable pesticides were below the allowable maximum (35%) for soil field duplicate pair SS-1/DUP (attached table), as required.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for applicable pesticides on both columns, as required.

Continuing Calibration: The %D for heptachlor was above the allowable maximum (20%) for channel B on 06-21-21 (11210621b-03). The %D for methoxychlor was above the allowable maximum (20%) for channel A on 06-21-21 (20210621b-03). Positive results for these pesticides should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: Checked pesticides were within quantitation limits. The RPDs for dual quantitation of 4,4'-DDE in samples SS-1 and SS-4 were above the allowable maximum (25%), not above 70% and the higher result was reported. The RPDs for dual quantitation of 4,4'-DDE and 4,4'-DDT in sample DUP were above the allowable maximum (25%), not above 70% and the higher result was reported. The RPDs for dual quantitation of trans-chlordane in samples SS-2 and SS-4 were above the allowable maximum (25%), but not above 70% and the higher results were reported. The positive results for these pesticides should be considered estimated, biased high (J+) in the samples.

The RPDs for dual quantitation of cis-chlordane in samples SS-1, SS-2, SS-4, and DUP were above the allowable maximum (25%), not above 70% and the lower results were reported. The positive results for cis-chlordane should be considered estimated, biased low (J-) in the samples.

The RPD for dual quantitation of 4,4'-DDT in sample SS-1 was above the allowable maximum (25%) and above 70%, but not above 100%. The RPD for dual quantitation of cis-chlordane in sample SS-3 was above the allowable maximum (25%) and above 70%, but not above 100%. The positive results for these pesticides should be considered estimated, presumptive evidence (JN) in the sample.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of soil samples reported target multi-component pesticides as not detected.

Calibration Verification Summary

Form 7

Pesticides

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : PEST11
 Lab File ID : 11210621b-03
 Sample No : WG1514890-1
 Channel : B

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/21/21 12:22
 Init. Calib. Date(s) : 05/13/21 05/14/21
 Init. Calib. Times : 16:07 12:01

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	136	0
2,4,5,6-Tetrachloro-m-xyl	1.316	1.119	-	15	20	135	0
Hexachlorobenzene	1.401	1.227	-	12.4	20	145	0
alpha-BHC	1.502	1.527	-	-1.7	20	142	0
gamma-BHC (lindane)	1.483	1.395	-	5.9	20	140	0
beta-BHC	0.814	0.687	-	15.6	20	140	0
delta-BHC	1.424	1.411	-	0.9	20	141	0
Heptachlor	1.597	1.271	-	20.4*	20	124	0
Aldrin	1.411	1.376	-	2.5	20	146	0
Alachlor	0.29	0.241	-	16.9	20	150	0
Chlorpyrifos	50	44.309	-	11.4	20	122	0
Heptachlor Epoxide	1.529	1.359	-	11.1	20	143	0
gamma-Chlordane (trans)	1.465	1.416	-	3.3	20	165	0
alpha-Chlordane (cis)	1.583	1.374	-	13.2	20	144	0
4,4'-DDE	1.381	1.354	-	2	20	147	0
Endosulfan I	1.411	1.279	-	9.4	20	145	0
Dieldrin	1.402	1.401	-	0.1	20	154	0
Endrin	1.447	1.307	-	9.7	20	140	0
4,4'-DDD	1.139	1.145	-	-0.5	20	152	0
Endosulfan II	1.344	1.192	-	11.3	20	142	0
4,4'-DDT	1.295	1.245	-	3.9	20	147	0
Endrin Aldehyde	1.158	1.02	-	11.9	20	142	0
Methoxychlor	0.834	0.67	-	19.7	20	136	0
Mirex	50	52.868	-	-5.7	20	145	0
Endosulfan Sulfate	1.32	1.28	-	3	20	158	0
Endrin Ketone	1.41	1.384	-	1.8	20	154	0
Decachlorobiphenyl	50	55.79	-	-11.6	20	152	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : PEST20
 Lab File ID : 20210621b-03
 Sample No : WG1514936-1
 Channel : A

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/21/21 13:47
 Init. Calib. Date(s) : 05/14/21 05/14/21
 Init. Calib. Times : 15:32 19:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	132	0
2,4,5,6-Tetrachloro-m-xylene	1.184	1.077	-	9	20	133	0
Hexachlorobenzene	1.288	1.185	-	8	20	137	0
alpha-BHC	1.342	1.428	-	-6.4	20	133	0
gamma-BHC (lindane)	1.257	1.284	-	-2.1	20	131	0
beta-BHC	0.689	0.613	-	11	20	136	0
delta-BHC	1.26	1.327	-	-5.3	20	134	0
Heptachlor	1.223	1.158	-	5.3	20	131	0
Aldrin	1.135	1.096	-	3.4	20	129	0
Alachlor	0.203	0.197	-	3	20	149	0
Chlorpyrifos	0.647	0.523	-	19.2	20	123	0
Heptachlor Epoxide	1.157	1.042	-	9.9	20	128	0
gamma-Chlordane (trans)	1.106	1.038	-	6.1	20	144	0
alpha-Chlordane (cis)	1.253	1.033	-	17.6	20	125	0
4,4'-DDE	1.067	1.021	-	4.3	20	128	0
Endosulfan I	1.09	0.962	-	11.7	20	126	0
Dieldrin	1.075	1.067	-	0.7	20	135	0
Endrin	1.103	1.028	-	6.8	20	127	0
4,4'-DDD	0.841	0.826	-	1.8	20	134	0
Endosulfan II	1.047	0.892	-	14.8	20	123	0
4,4'-DDT	0.975	0.848	-	13	20	123	0
Endrin Aldehyde	0.904	0.766	-	15.3	20	125	0
Methoxychlor	0.619	0.463	-	25.2*	20	121	0
Mirex	1.033	0.759	-	26.5*	20	124	0
Endosulfan Sulfate	1.048	0.924	-	11.8	20	134	0
Endrin Ketone	1.145	1.058	-	7.6	20	133	0
Decachlorobiphenyl	50	39.875	-	20.3*	20	110	0

* Value outside of QC limits.



Identification Summary

Form 10

Pesticides

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab Sample ID : L2131407-11
 Client ID : **SS-1**
 Date Analyzed (1) : 06/21/21 20:55
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2131407
 Project Number : 1902732021
 Date Analyzed (2) : 06/21/21 20:55
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	3.55	3.50	3.60	2.5	
	2	4.43	4.37	4.47	1.91J	NC 27
4,4'-DDT	1	4.52	4.47	4.57	1.82J	
	2	5.29	5.24	5.34	3.89	NC 73
alpha-Chlordane (cis	1	3.45	3.40	3.50	5.25	
	2	4.22	4.17	4.27	2.85	59
gamma-Chlordane (tra	1	3.32	3.27	3.37	3.17	
	2	4.05	4.00	4.10	3.57	12
chlordane-AVG	1				28.4	
	2				35.1	21

Identification Summary

Form 10

Pesticides

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab Sample ID : L2131407-12
 Client ID : **SS-2**
 Date Analyzed (1) : 06/21/21 18:43
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2131407
 Project Number : 1902732021
 Date Analyzed (2) : 06/21/21 18:43
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD	
			From	To			
4,4'-DDE	1	3.55	3.50	3.60	2.08		
	2	4.42	4.37	4.47	2.2	6	
4,4'-DDT	1	4.51	4.47	4.57	6.89		
	2	5.29	5.24	5.34	7.35	6	
alpha-Chlordane (cis)	1	3.44	3.40	3.50	3.42		
	2	4.22	4.17	4.27	2.09J	NC	48
gamma-Chlordane (tra)	1	3.32	3.27	3.37	2.82		
	2	4.05	4.00	4.10	1.99J	NC	35
chlordane-AVG	1				25.3		
	2				21.4	17	

Identification Summary

Form 10

Pesticides

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab Sample ID : L2131407-13
 Client ID : **SS-3**
 Date Analyzed (1) : 06/21/21 18:54
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2131407
 Project Number : 1902732021
 Date Analyzed (2) : 06/21/21 18:54
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD	
			From	To			
Dieldrin	1	3.84	3.79	3.89	2.37		
	2	4.57	4.53	4.63	2.7	13	
4,4'-DDE	1	3.55	3.50	3.60	31.2		
	2	4.42	4.37	4.47	32.4	4	
4,4'-DDD	1	4.21	4.16	4.26	2.98		
	2	5.01	4.96	5.06	2.74	8	
4,4'-DDT	1	4.52	4.47	4.57	15.1		
	2	5.29	5.24	5.34	15.9	5	
alpha-Chlordane (cis)	1	3.44	3.40	3.50	2.18J		
	2	4.22	4.17	4.27	0.916J	NC	82
gamma-Chlordane (tra	1	3.32	3.27	3.37	1.11J		
	2	4.05	4.00	4.10	1.1J	NC	1

Identification Summary Form 10 Pesticides

Client : TRC Solutions
Project Name : CHROMALLOY
Lab Sample ID : L2131407-14
Client ID : **SS-4**
Date Analyzed (1) : 06/21/21 19:05
Instrument ID (1) : PEST11
GC Column (1) : CLPPesticides

Lab Number : L2131407
Project Number : 1902732021

Date Analyzed (2) : 06/21/21 19:05
Instrument ID (2) : PEST11
GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	3.55	3.50	3.60	7.17	
	2	4.42	4.37	4.47	5.43	28
alpha-Chlordane (cis)	1	3.44	3.40	3.50	4.55	
	2	4.22	4.17	4.27	2.48	59
gamma-Chlordane (tra)	1	3.32	3.27	3.37	2.39	
	2	4.05	4.00	4.10	4.24	56

Identification Summary

Form 10

Pesticides

Client : TRC Solutions
 Project Name : CHROMALLOY
 Lab Sample ID : L2131407-21
 Client ID : **DUP**
 Date Analyzed (1) : 06/21/21 20:22
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2131407
 Project Number : 1902732021

Date Analyzed (2) : 06/21/21 20:22
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD	
			From	To			
4,4'-DDE	1	3.55	3.50	3.60	2.31		
	2	4.42	4.37	4.47	1.73J	NC	29
4,4'-DDT	1	4.51	4.47	4.57	2.46J		
	2	5.29	5.24	5.34	4.46	NC	58
alpha-Chlordane (cis	1	3.44	3.40	3.50	5.2		
	2	4.22	4.17	4.27	2.71	63	
gamma-Chlordane (tra	1	3.32	3.27	3.37	3.27		
	2	4.05	4.00	4.10	3.46	6	
chlordane-AVG	1				32.2		
	2				32.3	0	

PCB Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of 8082A PCB Data
for Alpha Analytical Labs
SDG Number: L2131407**

**20 Soil Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Prepared by: Donald Anné
August 31, 2021

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogates for sample SB-05 (2.5-5') were diluted beyond detection limits. No action is taken on surrogates diluted beyond detection limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample SS-1.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for soil samples WG1514174-2/3 and WG1514189-2/3.

Field Duplicates: The relative percent difference for aroclor 1254 was above the allowable maximum (35%) for soil field duplicate pair SS-1/DUP (attached table). The positive results for aroclor 1254 should be considered estimated (J) in samples SS-1 and DUP.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor-1260 were below the allowable maximum (20%) for both columns, as required.

PCB Identification Summary: Checked surrogate and detected aroclor results were within quantitation limits. The RPDs for dual column quantitation of detected aroclors were above the allowable maximum (25%), as required.

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Surrogate Recovery Summary

Form 2

PCBs

Client: TRC Solutions
Project Name: CHROMALLOY

Lab Number: L2131407
Project Number: 1902732021
Matrix: Soil

GC Column 1: CLP-Pesticide
GC Column 2: CLP-PesticideII

CLIENT ID (LAB SAMPLE NO.)	TCX 1 %REC	TCX 2 %REC	DCB 1 %REC	DCB 2 %REC	OTHER (1)	OTHER (2)	TOT OUT
SB-16 (6-8') (L2131407-01)	76	76	66	73			0
SB-15 (13-15') (L2131407-02)	121	124	115	124			0
SB-14 (18-20') (L2131407-03)	120	124	110	124			0
SB-13 (17-19') (L2131407-04)	113	114	104	117			0
SB-12 (18-20') (L2131407-05)	116	120	106	121			0
SB-11 (5-7') (L2131407-06)	121	124	114	124			0
SB-10 (18-20') (L2131407-07)	116	121	112	124			0
SB-09 (18-20') (L2131407-08)	111	114	104	116			0
SB-08 (18-20') (L2131407-09)	76	78	73	79			0
SB-06 (18-20') (L2131407-10)	105	105	111	106			0
SS-1 (L2131407-11)	58	58	42	51			0
SS-2 (L2131407-12)	113	118	111	121			0
SS-3 (L2131407-13)	75	78	74	84			0
SS-4 (L2131407-14)	103	99	98	105			0
SB-07 (18-20') (L2131407-15)	106	111	105	130			0
SB-05 (2.5-5') (L2131407-16D)	DL	DL	DL	DL			0
SB-04 (2.5-5') (L2131407-17)	114	120	112	127			0
SB-03 (2.5-5') (L2131407-18)	108	112	108	113			0
SB-02 (12.5-15') (L2131407-19)	114	119	112	114			0
SB-01 (5-5.75') (L2131407-20)	112	116	111	113			0
DUP (L2131407-21)	102	101	98	104			0
WG1514174-1BLANK	71	76	63	73			0
WG1514174-2LCS	80	83	67	80			0
WG1514174-3LCSD	87	90	69	81			0
SS-1MS	54	57	43	53			0
SS-1MSD	57	58	49	60			0
WG1514189-1BLANK	110	112	109	114			0
WG1514189-2LCS	114	116	106	116			0

QC LIMITS

(30-150) TCX = 2,4,5,6-TETRACHLORO-M-XYLENE

(30-150) DCBP = DECACHLOROBIPHENYL

* Values outside of QC limits

DL - Surrogate diluted beyond detection limits.

FORM II NYTCL-8082



PFAS

Data Section



**QA/QC Review of Method 537 (Modified) PFAS Data
for Alpha Analytical Labs SDG Number: L2131407**

**10 Soil Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Geology

Hydrology

Remediation

Water Supply

Prepared by: Donald Anné
August 31, 2021

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recovery for br-NMeFOSAA was below QC limits, but not below 10% on 06-13-21 (I42352). Positive and “not detected” results for br-NMeFOSAA should be considered estimated (J or UJ respectively) in associated samples.

Blanks: The analyses of the method blanks reported target PFAS as not detected.

Surrogate Recovery: Two surrogate recoveries for samples SB-04 (2.5-5') and SB-02 (12.5-15') were below QC limits, but not below 10%. Three surrogate recoveries for sample SB-03 (2.5-5') were below QC limits, but not below 10%. Positive and “not detected” results associated with these surrogates should be considered estimated (J or UJ respectively) in these samples.

Internal Standard Area Summary: The internal standard retention times were within control limits. Three of four internal standard areas for sample SB-03 (2.5-5') were below control limits, but not below 25%. One of four internal standard areas for sample SB-01 (5-5.75') was below control limits, but not below 25%. Positive results for compounds quantitated using internal standards below control limits should be considered estimated, biased high (J+) and “not detected” results estimated (UJ) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample SS-1.

Laboratory Control Sample: The percent recoveries (%Rs) for target PFAS were within QC limits for soil sample WG1511438-2.

The %R for PFTrDA was above QC limits for soil sample WG1512078-2. Positive results for PFTrDA should be considered estimated, biased high (J+) in associated soil samples.

Field Duplicates: The analyses of soil field duplicate pair SS-1/DUP reported target PFAS as either not detected or below the lowest standard; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds and surrogates were within LC quantitation limits.

Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: TRC Solutions
Project Name: CHROMALLOY

Lab Number: L2131407
Project Number: 1902732021
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
SB-08 (18-20') (L2131407-09)	91	101	102	94	79	91	87
SB-06 (18-20') (L2131407-10)	79	95	99	85	76	91	83
SB-06 (18-20') (L2131407-10)	NA	NA	NA	NA	NA	NA	NA
SS-1 (L2131407-11)	95	99	103	100	84	93	94
SS-1 (L2131407-11)	NA	NA	NA	NA	NA	NA	NA
SS-3 (L2131407-13)	NA	NA	NA	NA	NA	NA	NA
SS-3 (L2131407-13)	76	84	101	87	75	92	84
SB-07 (18-20') (L2131407-15)	86	92	101	93	80	90	87
SB-07 (18-20') (L2131407-15)	NA	NA	NA	NA	NA	NA	NA
SB-05 (2.5-5') (L2131407-16)	NA	NA	NA	NA	NA	NA	NA
SB-05 (2.5-5') (L2131407-16)	85	89	101	91	77	91	85
SB-04 (2.5-5') (L2131407-17)	NA	NA	NA	NA	NA	NA	NA
SB-04 (2.5-5') (L2131407-17)	79	83	92	84	73	84	78
SB-03 (2.5-5') (L2131407-18)	74	77	95	82	69*	85	76
SB-03 (2.5-5') (L2131407-18)	NA	NA	NA	NA	NA	NA	NA
SB-02 (12.5-15') (L2131407-19)	NA	NA	NA	NA	NA	NA	NA
SB-02 (12.5-15') (L2131407-19)	76	78	89	83	70*	80	77
SB-01 (5-5.75') (L2131407-20)	NA	NA	NA	NA	NA	NA	NA
SB-01 (5-5.75') (L2131407-20)	92	93	100	97	80	89	89
DUP (L2131407-21)	91	93	98	97	81	88	90
DUP (L2131407-21)	NA	NA	NA	NA	NA	NA	NA
WG1511438-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG1511438-1BLANK	79	85	90	88	71	81	80
WG1511438-2LCS	NA	NA	NA	NA	NA	NA	NA
WG1511438-2LCS	103	105	116	111	92	103	100
SS-1MS	95	98	103	98	83	93	91
SS-1MS	NA	NA	NA	NA	NA	NA	NA
SS-1MSD	NA	NA	NA	NA	NA	NA	NA

QC LIMITS

(61-135) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
 (58-150) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
 (74-139) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
 (66-128) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
 (71-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHXA)
 (78-139) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
 (78-139) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE



Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: TRC Solutions
Project Name: CHROMALLOY

Lab Number: L2131407
Project Number: 1902732021
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
SB-08 (18-20') (L2131407-09)	94	112	97	93	121	66	107
SB-06 (18-20') (L2131407-10)	81	107	97	88	110	45	96
SB-06 (18-20') (L2131407-10)	NA	NA	NA	NA	NA	NA	NA
SS-1 (L2131407-11)	92	110	99	94	115	61	115
SS-1 (L2131407-11)	NA	NA	NA	NA	NA	NA	NA
SS-3 (L2131407-13)	NA	NA	NA	NA	NA	NA	NA
SS-3 (L2131407-13)	92	102	96	89	117	56	114
SB-07 (18-20') (L2131407-15)	91	111	98	89	112	53	102
SB-07 (18-20') (L2131407-15)	NA	NA	NA	NA	NA	NA	NA
SB-05 (2.5-5') (L2131407-16)	NA	NA	NA	NA	NA	NA	NA
SB-05 (2.5-5') (L2131407-16)	93	106	100	87	111	38	101
SB-04 (2.5-5') (L2131407-17)	NA	NA	NA	NA	NA	NA	NA
SB-04 (2.5-5') (L2131407-17)	75	97	87	80	93	26*	93
SB-03 (2.5-5') (L2131407-18)	75	96	95	79	98	18*	90
SB-03 (2.5-5') (L2131407-18)	NA	NA	NA	NA	NA	NA	NA
SB-02 (12.5-15') (L2131407-19)	NA	NA	NA	NA	NA	NA	NA
SB-02 (12.5-15') (L2131407-19)	71	96	91	81	89	32	94
SB-01 (5-5.75') (L2131407-20)	NA	NA	NA	NA	NA	NA	NA
SB-01 (5-5.75') (L2131407-20)	92	108	98	91	107	43	100
DUP (L2131407-21)	96	109	98	90	119	69	107
DUP (L2131407-21)	NA	NA	NA	NA	NA	NA	NA
WG1511438-1BLANK	NA	NA	NA	NA	NA	NA	NA
WG1511438-1BLANK	79	98	85	79	98	62	89
WG1511438-2LCS	NA	NA	NA	NA	NA	NA	NA
WG1511438-2LCS	102	125	116	103	132	76	118
SS-1MS	101	110	102	96	125	72	113
SS-1MS	NA	NA	NA	NA	NA	NA	NA
SS-1MSD	NA	NA	NA	NA	NA	NA	NA

QC LIMITS

(20-154) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
 (72-140) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
 (79-136) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
 (75-130) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
 (19-175) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
 (31-134) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
 (31-134) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)



Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: TRC Solutions
Project Name: CHROMALLOY

Lab Number: L2131407
Project Number: 1902732021
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
SB-08 (18-20') (L2131407-09)	16	52	94	80	--	--	--	0
SB-06 (18-20') (L2131407-10)	NA	36	90	77	--	--	--	0
SB-06 (18-20') (L2131407-10)	70	NA	NA	NA	--	--	--	0
SS-1 (L2131407-11)	NA	62	116	92	--	--	--	0
SS-1 (L2131407-11)	72	NA	NA	NA	--	--	--	0
SS-3 (L2131407-13)	82	NA	NA	NA	--	--	--	0
SS-3 (L2131407-13)	NA	56	109	89	--	--	--	0
SB-07 (18-20') (L2131407-15)	NA	44	107	87	--	--	--	0
SB-07 (18-20') (L2131407-15)	89	NA	NA	NA	--	--	--	0
SB-05 (2.5-5') (L2131407-16)	91	NA	NA	NA	--	--	--	0
SB-05 (2.5-5') (L2131407-16)	NA	35	91	108	--	--	--	0
SB-04 (2.5-5') (L2131407-17)	83	NA	NA	NA	--	--	--	0
SB-04 (2.5-5') (L2131407-17)	NA	26*	81	70	--	--	--	2
SB-03 (2.5-5') (L2131407-18)	NA	16*	79	73	--	--	--	3
SB-03 (2.5-5') (L2131407-18)	79	NA	NA	NA	--	--	--	0
SB-02 (12.5-15') (L2131407-19)	89	NA	NA	NA	--	--	--	0
SB-02 (12.5-15') (L2131407-19)	NA	28*	83	76	--	--	--	2
SB-01 (5-5.75') (L2131407-20)	87	NA	NA	NA	--	--	--	0
SB-01 (5-5.75') (L2131407-20)	NA	37	92	70	--	--	--	0
DUP (L2131407-21)	NA	57	93	86	--	--	--	0
DUP (L2131407-21)	66	NA	NA	NA	--	--	--	0
WG1511438-1BLANK	103	NA	NA	NA	--	--	--	0
WG1511438-1BLANK	20	50	82	63	--	--	--	0
WG1511438-2LCS	97	NA	NA	NA	--	--	--	0
WG1511438-2LCS	5*	58	131	105	--	--	--	1
SS-1MS	NA	64	131	93	--	--	--	0
SS-1MS	73	NA	NA	NA	--	--	--	0
SS-1MSD	86	NA	NA	NA	--	--	--	0

QC LIMITS

(10-117) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
 (34-137) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
 (54-150) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
 (24-159) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1512078-2
 LCSD Sample ID :

Lab Number : L2131407
 Project Number : 1902732021
 Analysis Date : 06/15/21 20:59
 File ID : I42431
 Analysis Date :
 File ID :

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/g)	Found (ng/g)	%R	True (ng/g)	Found (ng/g)	%R			
Perfluorobutanoic Acid (PFBA)	5	5.08	102				-	71-135	30
Perfluoropentanoic Acid (PFPeA)	5	4.70	94				-	69-132	30
Perfluorobutanesulfonic Acid (PFBS)	4.44	4.48	101				-	72-128	30
Perfluorohexanoic Acid (PFHxA)	5	4.96	99				-	70-132	30
Perfluoroheptanoic Acid (PFHpA)	5	5.05	101				-	71-131	30
Perfluorohexanesulfonic Acid (PFHxS)	4.57	4.65	102				-	67-130	30
Perfluorooctanoic Acid (PFOA)	5	5.13	103				-	69-133	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.76	5.27	111				-	64-140	30
Perfluoroheptanesulfonic Acid (PFHpS)	4.76	4.49	94				-	70-132	30
Perfluorononanoic Acid (PFNA)	5	4.32	86				-	72-129	30
Perfluorooctanesulfonic Acid (PFOS)	4.64	4.51	97				-	68-136	30
Perfluorodecanoic Acid (PFDA)	5	4.91	98				-	69-133	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	4.8	6.00	125				-	65-137	30

Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Matrix : SOIL
 LCS Sample ID : WG1512078-2
 LCSD Sample ID :

Lab Number : L2131407
 Project Number : 1902732021
 Analysis Date : 06/15/21 20:59
 File ID : I42431
 Analysis Date :
 File ID :

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/g)	Found (ng/g)	%R	True (ng/g)	Found (ng/g)	%R			
N-Methyl Perfluorooctanesulfonamide (NMeFOSAA)	5	4.06	81				-	63-144	30
Perfluoroundecanoic Acid (PFUnA)	5	5.67	113				-	64-136	30
Perfluorodecanesulfonic Acid (PFDS)	4.82	4.68	97				-	59-134	30
Perfluorooctanesulfonamide (FOSA)	5	5.58	112				-	67-137	30
Perfluorooctanesulfonamide (FOSA)	5	4.62	92				-	67-137	30
N-Ethyl Perfluorooctanesulfonamide (NEtFOSAA)	5	4.09	82				-	61-139	30
Perfluorododecanoic Acid (PFDoA)	5	5.16	103				-	69-135	30
Perfluorotridecanoic Acid (PFTrDA)	5	8.97	179 Q				-	66-139	30
Perfluorotetradecanoic Acid (PFTA)	5	6.09	122				-	69-133	30

Internal Standard Area and RT Summary

Form 8a

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : LCMS02
 Sample No : WG1511551-1

Lab Number : L2131407
 Project Number : 1902732021
 Analysis Date : 06/13/21 22:49:51
 Lab File ID : I42352

	M3PFBA		M2PFOA		M4PFOS	
	Area	RT	Area	RT	Area	RT
WG1511551-1	86347	2.11	131250	9.06	16928	9.87
Upper Limit	172694	2.61	262500	9.56	33856	10.37
Lower Limit	43174	1.61	65625	8.56	8464	9.37
Sample ID						
WG1511438-1 BLANK	54004	2.15	86335	9.06	10770	9.87
WG1511438-2 LCS	47323	2.10	72514	9.04	9158	9.86
SS-1	49986	2.10	78760	9.03	10009	9.85
SS-1 MS	48558	2.09	78065	9.03	9610	9.85
SS-1 MSD	47737	2.09	76968	9.02	9543	9.84
SS-3	51867	2.09	83878	9.03	10300	9.85
SB-07 (18-20')	50254	2.10	80770	9.11	10016	9.93
SB-05 (2.5-5')	50451	2.09	81106	9.09	9726	9.91
SB-04 (2.5-5')	46888	2.10	77047	9.09	9675	9.90
SB-03 (2.5-5')	41592*	2.10	65165*	9.08	8296*	9.90
SB-02 (12.5-15')	44757	2.10	69438	9.07	9179	9.88
SB-01 (5-5.75')	41332*	2.10	65631	9.06	8504	9.88
DUP	44558	2.10	70217	9.04	9053	9.85
WG1511551-2 CCAL	73316	2.09	111394	9.03	14786	9.85

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Internal Standard Area and RT Summary

Form 8a

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : LCMS02
 Sample No : WG1511551-1

Lab Number : L2131407
 Project Number : 1902732021
 Analysis Date : 06/13/21 22:49:51
 Lab File ID : I42352

	M2PFDA		Area	RT	Area	RT	Area	RT
	Area	RT						
WG1511551-1	83948	10.45						
Upper Limit	167896	10.95						
Lower Limit	41974	9.95						
Sample ID								
WG1511438-1 BLANK	55757	10.45						
WG1511438-2 LCS	47398	10.44						
SS-1	52434	10.43						
SS-1 MS	48776	10.43						
SS-1 MSD	49774	10.42						
SS-3	53613	10.43						
SB-07 (18-20')	54016	10.51						
SB-05 (2.5-5')	52471	10.49						
SB-04 (2.5-5')	50883	10.49						
SB-03 (2.5-5')	42673	10.48						
SB-02 (12.5-15')	46479	10.47						
SB-01 (5-5.75')	43015	10.46						
DUP	47157	10.43						
WG1511551-2 CCAL	69967	10.44						

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : LCMS02
 Lab File ID : I42352
 Sample No : WG1511551-1
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/13/21 22:49
 Init. Calib. Date(s) : 06/02/21 06/02/21
 Init. Calib. Times : 11:52 14:04

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.443	0.500	88.6	50-150
Perfluoropentanoic Acid (PFPeA)	0.424	0.500	84.8	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.384	0.440	86.8	50-150
Perfluorohexanoic Acid (PFHxA)	0.495	0.500	99	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.390	0.470	83.5	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.412	0.470	87.6	50-150
Perfluoroheptanoic Acid (PFHpA)	0.448	0.500	89.5	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.071	0.086	83.7	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.337	0.370	91.2	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.409	0.460	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)			-	50-150
Perfluorooctanoic Acid-Linear (L-PFOA)	0.446		89.3	50-150
Perfluorooctanoic Acid (PFOA)	0.446	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.473	0.480	99.5	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.419	0.480	88.2	50-150
Perfluorononanoic Acid (PFNA)	0.400	0.500	80	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.089	0.098	89.1	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.319	0.365	87.5	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.408	0.460	-	50-150
Perfluorodecanoic Acid (PFDA)	0.430	0.500	85.9	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.535	0.480	111.4	50-150
Perfluorononanesulfonic Acid (PFNS)	0.465	0.480	96.8	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.356	0.500	-	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NMeFOSAA)	0.030		24.7*	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NMeFOSAA)	0.327	0.500	86	50-150
Perfluoroundecanoic Acid (PFUnA)	0.490	0.500	98.1	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.365	0.480	75.6	50-150
Perfluorooctanesulfonamide (FOSA)	0.485	0.500	96.9	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.399	0.500	-	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Branched (br-NEtFOSAA)	0.058		51.2	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid-Linear (L-NEtFOSAA)	0.341	0.500	88	50-150
Perfluorododecanoic Acid (PFDoA)	0.427	0.500	85.4	50-150
Perfluorotridecanoic Acid (PFTTrDA)	0.576	0.500	115.1	50-150
Perfluorotetradecanoic Acid (PFTA)	0.487	0.500	97.4	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	9.854	10.000	98.5	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	9.952	10.000	99.5	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	9.942	10.000	99.4	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	7.984	10.000	79.8	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	10.413	10.000	104.1	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	8.643	10.000	86.4	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	9.109	10.000	91.1	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	9.284	10.000	92.8	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	8.730	10.000	87.3	50-150

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : TRC Solutions
 Project Name : CHROMALLOY
 Instrument ID : LCMS02
 Lab File ID : I42352
 Sample No : WG1511551-1
 Channel :

Lab Number : L2131407
 Project Number : 1902732021
 Calibration Date : 06/13/21 22:49
 Init. Calib. Date(s) : 06/02/21 06/02/21
 Init. Calib. Times : 11:52 14:04

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	11.619	10.000	116.2	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.016	10.000	100.2	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	9.706	10.000	97.1	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	10.978	10.000	109.8	50-150
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	7.152	10.000	71.5	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	11.130	10.000	111.3	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8.316	10.000	83.2	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	5.946	10.000	59.5	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.803	10.000	108	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	10.785	10.000	107.9	50-150
M4PFOS	10.253		102.5	
M2PFDA	12.369		123.7	
M2PFOA	10.990		109.9	
M3PFBA	10.725		107.3	

* Value outside of QC limits.



Herbicide Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of 8151 Herbicide Data
for Alpha Analytical Labs
SDG Number: L2127241**

**20 Soil Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Prepared by: Donald Anné
August 31, 2021

Holding Times: Samples were extracted and analyzed within USEPA SW 846 holding times.

Blanks: The analyses of the method blanks reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target herbicides were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample SS-1.

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximum and the percent recoveries were within QC limits for soil samples WG1511232-2/3 and WG1511411-2/3.

Field Duplicates: The analyses of soil field duplicate pair SS-1/DUP reported target herbicides as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target herbicides were below the allowable maximum (20%) for both columns, as required.

Continuing Calibration: The %Ds for target herbicides were below the allowable maximum (15%) for both columns, as required.

Herbicide Identification Summary: Checked surrogates were within GC quantitation limits. The analyses of the soil samples reported target herbicides as not detected.

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Metals Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Metals Data
for Alpha Analytical Labs
SDG Number: L2131407**

**20 Soil Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Prepared by: Donald Anné
August 31, 2021

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration and preparation blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: Two of two percent recoveries (%Rs) for copper and mercury, and 1 of 2 %Rs for potassium were above control limits (75-125%) for soil MS/MSD sample SS-1. Positive results for these three metals should be considered estimated, biased high (J+) in associated soil samples.

Two of two %Rs for lead and zinc and 1 of 2 %Rs for antimony were below control limits (75-125%), but not below 10% for soil MS/MSD sample SS-1. Positive results for these 3 metals should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated soil samples.

Laboratory Duplicates: The relative percent differences for iron and magnesium were above the allowable maximum (35%) for soil MS/MSD sample SS-1. Positive results for iron and magnesium should be considered estimated (J) in associated soil samples.

Field Duplicates: The relative percent differences for 16 metals were above the allowable maximum (35%) for soil field duplicate pair SS-1/DUP (attached table). Positive results for these 16 metals should be considered estimated (J) in samples SS-1 and DUP.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for soil samples WG1513030-2, WG1512998-2, WG1513002-2, and WG1513032-2.

TAL Metals Data
Lab Number: L2131407

Serial Dilution: The %Ds for applicable metals were not above the allowable maximum (15%) for soil serial dilution sample SS-1.

Percent Solids: The percent solids for the soil samples were above 50%.

Form 5a Matrix Spike

Client : TRC Solutions
Project Name : CHROMALLOY
Client Sample ID : SS-1
Lab Sample ID : L2131407-11
Matrix Spike : WG1512998-3
Matrix Spike Dup : WG1512998-4

Lab Number : L2131407
Project Number : 1902732021
Matrix : SOIL
MS Analysis Date : 07/17/21 09:10
MSD Analysis Date : 07/17/21 09:14

Parameter	Sample Conc. (mg/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit			
		Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R						
Aluminum, Total	7730	197	7870	71	NA	198	10000	1140	NA	24	75-125	35	
Antimony, Total	ND	49.2	35.3	72	Q	49.6	39.6	80		11	75-125	20	
Arsenic, Total	3.61	11.8	16.0	105		11.9	14.9	95		7	75-125	20	
Barium, Total	89.1	197	276	95		198	289	101		5	75-125	20	
Beryllium, Total	0.256J	4.92	4.95	100		4.96	5.27	106		6	75-125	20	
Cadmium, Total	0.522J	5.22	5.46	104		5.26	6.36	121		15	75-125	20	
Calcium, Total	34900	985	36900	203	NA	992	27100	0	NA	31	75-125	35	
Chromium, Total	12.8	19.7	29.6	85		19.8	33.2	103		11	75-125	20	
Cobalt, Total	4.69	49.2	50.7	93		49.6	54.9	101		8	75-125	20	
Copper, Total	31.0	24.6	71.8	166	Q	24.8	73.3	170	Q	2	75-125	20	
Iron, Total	12300	98.5	15800	3550	NA	99.2	36600	24500	NA	79	Q	75-125	20
Lead, Total	44.0	52.2	82.4	74	Q	52.6	82.9	74	Q	1	75-125	20	
Magnesium, Total	6400	985	8520	215	NA	992	5420	0	NA	44	Q	75-125	20
Manganese, Total	256	49.2	296	81		49.6	343	175	NA	15	75-125	20	
Nickel, Total	11.9	49.2	55.2	88		49.6	60.8	98		10	75-125	20	
Potassium, Total	737	985	1750	103		992	2250	152	Q	25	75-125	35	
Selenium, Total	ND	11.8	9.81	83		11.9	9.31	78		5	75-125	20	
Silver, Total	ND	29.5	28.8	97		29.8	30.1	101		4	75-125	20	
Sodium, Total	761	985	1660	91		992	1840	109		10	75-125	20	
Thallium, Total	ND	11.8	9.46	80		11.9	9.86	83		4	75-125	20	
Vanadium, Total	25.7	49.2	74.5	99		49.6	79.5	108		6	75-125	20	
Zinc, Total	111	49.2	140	59	Q	49.6	145	68	Q	4	75-125	20	

NA - Sample concentration is greater than 4X the spike level; therefore, the %R is not applicable.



Form 5a Matrix Spike

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : SS-1
 Lab Sample ID : L2131407-11
 Matrix Spike : WG1513002-3
 Matrix Spike Dup : WG1513002-4

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 MS Analysis Date : 06/21/21 15:20
 MSD Analysis Date : 06/21/21 15:23

Parameter	Sample Conc. (mg/kg)	Matrix Spike Sample		%R	Matrix Spike Duplicate		%R	RPD	Recovery Limits	RPD Limit
		Spike Added (mg/kg)	Spike Conc. (mg/kg)		Spike Added (mg/kg)	Spike Conc. (mg/kg)				
Mercury, Total	ND	0.162	0.231	142 Q	0.162	0.208	128 Q	10	80-120	20



Cyanide Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Total Cyanide
Data for Alpha Analytical Labs
SDG Number: L2131407**

**20 Soi Samples and 1 Field Duplicate
Collected June 10-11, 2021**

Prepared by: Donald Anné
August 31, 2021

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analyses of the method blanks reported total cyanide as not detected.

Spike Sample Recovery: The percent recoveries for total cyanide were within QC limits (75-125%) for soil MS/MSD samples SS-1 and SS-3.

Laboratory Duplicates: The relative percent differences for total cyanide were below the allowable maximum (35%) for soil MS/MSD samples SS-1 and SS-3, as required.

Field Duplicates: The analyses of soil field duplicate pair SS-1/DUP reported total cyanide as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Laboratory Control Sample: The relative percent difference for total cyanide were below the allowable maximum, but 1 or 2 of 2 percent recoveries were below QC limits (80-120%), but not below 10% for soil samples WG1512263-2/3, WG1512920-2/3, WG1514095-2/3, and WG1514366-2/3. Positive results for total cyanide should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated solid samples.

Form 7

Laboratory Control Sample

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : NA
 Lab Sample ID : WG1512263-2
 Dup Sample ID : WG1512263-3

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 LCS Analysis Date : 06/16/21 16:01
 LCSD Analysis Date : 06/16/21 16:02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/kg)	Found (mg/kg)	%R	True (mg/kg)	Found (mg/kg)	%R			
Cyanide, Total	124.	69.0	56.	124.	99	80.	20	80-120	35



Form 7

Laboratory Control Sample

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : NA
 Lab Sample ID : WG1512920-2
 Dup Sample ID : WG1512920-3

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 LCS Analysis Date : 06/17/21 12:41
 LCSD Analysis Date : 06/17/21 12:42

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/kg)	Found (mg/kg)	%R	True (mg/kg)	Found (mg/kg)	%R			
Cyanide, Total	124.	100.	82.	124.	92	74. Q	3	80-120	35

Form 7

Laboratory Control Sample

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : NA
 Lab Sample ID : WG1514095-2
 Dup Sample ID : WG1514095-3

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 LCS Analysis Date : 06/21/21 10:48
 LCSD Analysis Date : 06/21/21 10:49

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/kg)	Found (mg/kg)	%R	True (mg/kg)	Found (mg/kg)	%R			
Cyanide, Total	124.	81.0	65.	124.	91	73.	Q 21	80-120	35



Form 7

Laboratory Control Sample

Client : TRC Solutions
 Project Name : CHROMALLOY
 Client Sample ID : NA
 Lab Sample ID : WG1514366-2
 Dup Sample ID : WG1514366-3

Lab Number : L2131407
 Project Number : 1902732021
 Matrix : SOIL
 LCS Analysis Date : 06/21/21 13:05
 LCSD Analysis Date : 06/21/21 13:06

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/kg)	Found (mg/kg)	%R	True (mg/kg)	Found (mg/kg)	%R			
Cyanide, Total	124.	82.0	67.	124.	62	50.	Q 1	80-120	35



Field Duplicate Calculation Section

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2131407

S1= SS-1

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
Acenaphthene	52	37	NC
Fluoranthene	1200	1100	9%
Naphthalene	27	ND	NC
Bis(2-ethylhexyl)phthalate	79	90	NC
Benzo(a)anthracene	670	620	8%
Benzo(a)pyrene	700	650	7%
Benzo(b)fluoranthene	1000	950	5%
Benzo(k)fluoranthene	300	270	11%
Chrysene	680	630	8%
Acenaphthylene	35	ND	NC
Anthracene	150	110	NC
Benzo(ghi)perylene	440	470	7%
Fluorene	41	32	NC
Phenanthrene	570	460	21%
Dibenzo(a,h)anthracene	110	100	NC
Indeno(1,2,3-cd)pyrene	470	490	4%
Pyrene	960	910	5%
Dibenzofuran	23	19	NC
Carbazole	100	70	NC

* RPD is above the allowable maximum 35%.

Results are in units of ug/Kg.

Bold numbers were values that are below the CRQL.

ND - Not detected.

NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

PCBs

Calculations for Field Duplicate Relative Percent Difference (RPD) SDG No. L2131407

S1= SS-1

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Aroclor 1016	ND	ND	NC	
Aroclor 1221	ND	ND	NC	
Aroclor 1232	ND	ND	NC	
Aroclor 1242	ND	ND	NC	
Aroclor 1248	ND	ND	NC	
Aroclor 1254	106	626	142%	*
Aroclor 1260	35.8	ND	NC	
Aroclor 1262	ND	ND	NC	
Aroclor 1268	ND	ND	NC	
PCBs, Total	142	626	NC	

* RPD is above the allowable maximum (35%).

All results are in units of ug/kg.

Bold numbers were values that are below the CRQL or above the high standard.

ND - Not detected.

NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Pesticides

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2131407

S1= SS-1

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
4,4'-DDE	2.50	2.31	8%
4,4'-DDT	3.89	4.46	14%
cis-Chlordane	2.85	2.71	5%
trans-Chlordane	3.57	3.46	3%
Chlordane	35.1	32.3	8%

* RPD is above the allowable maximum (35%).

All results are in units of ug/kg.

Bold numbers were values that are below the CRQL.

ND - Not detected.

NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2131407

S1= SS-1

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
aluminum	7730	3940	65%	*
antimony	ND	ND	NC	
arsenic	3.61	1.64	75%	*
barium	89.1	52.9	51%	*
beryllium	0.256	0.189	NC	
cadmium	0.522	0.180	NC	
calcium	34900	18600	61%	*
chromium	12.8	7.39	54%	*
cobalt	4.69	2.78	51%	*
copper	31.0	12.2	87%	*
iron	12300	6050	68%	*
lead	44.0	16.9	89%	*
magnesium	6400	2270	95%	*
manganese	256	129	66%	*
mercury	ND	ND	NC	
nickel	11.9	6.13	64%	*
potassium	737	491	40%	*
selenium	ND	ND	NC	
silver	ND	ND	NC	
sodium	761	276	94%	*
thallium	ND	ND	NC	
vanadium	25.7	12.5	69%	*
zinc	111	39.6	95%	*

* RPD is above the allowable maximum 35%.

Results are in units of mg/Kg.

Bold numbers were values that are below the CRDL.

ND - Not detected.

NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate

APPENDIX C



ANALYTICAL REPORT

Lab Number:	L2131407
Client:	TRC Solutions 10 Maxwell Drive Suite 200 Clifton Park, NY 12065
ATTN:	Justin King
Phone:	(518) 688-3109
Project Name:	CHROMALLOY
Project Number:	1902732021
Report Date:	07/20/21

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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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2131407-01	SB-16 (6-8')	SOIL	WEST NYACK, NY	06/10/21 09:10	06/10/21
L2131407-02	SB-15 (13-15')	SOIL	WEST NYACK, NY	06/10/21 10:40	06/10/21
L2131407-03	SB-14 (18-20')	SOIL	WEST NYACK, NY	06/10/21 11:30	06/10/21
L2131407-04	SB-13 (17-19')	SOIL	WEST NYACK, NY	06/10/21 12:30	06/10/21
L2131407-05	SB-12 (18-20')	SOIL	WEST NYACK, NY	06/10/21 13:45	06/10/21
L2131407-06	SB-11 (5-7')	SOIL	WEST NYACK, NY	06/10/21 14:05	06/10/21
L2131407-07	SB-10 (18-20')	SOIL	WEST NYACK, NY	06/10/21 14:30	06/10/21
L2131407-08	SB-09 (18-20')	SOIL	WEST NYACK, NY	06/10/21 15:00	06/10/21
L2131407-09	SB-08 (18-20')	SOIL	WEST NYACK, NY	06/10/21 15:25	06/10/21
L2131407-10	SB-06 (18-20')	SOIL	WEST NYACK, NY	06/10/21 15:45	06/10/21
L2131407-11	SS-1	SOIL	WEST NYACK, NY	06/11/21 07:05	06/11/21
L2131407-12	SS-2	SOIL	WEST NYACK, NY	06/11/21 07:35	06/11/21
L2131407-13	SS-3	SOIL	WEST NYACK, NY	06/11/21 07:40	06/11/21
L2131407-14	SS-4	SOIL	WEST NYACK, NY	06/11/21 07:45	06/11/21
L2131407-15	SB-07 (18-20')	SOIL	WEST NYACK, NY	06/11/21 08:30	06/11/21
L2131407-16	SB-05 (2.5-5')	SOIL	WEST NYACK, NY	06/11/21 09:00	06/11/21
L2131407-17	SB-04 (2.5-5')	SOIL	WEST NYACK, NY	06/11/21 09:30	06/11/21
L2131407-18	SB-03 (2.5-5')	SOIL	WEST NYACK, NY	06/11/21 09:55	06/11/21
L2131407-19	SB-02 (12.5-15')	SOIL	WEST NYACK, NY	06/11/21 10:15	06/11/21
L2131407-20	SB-01 (5-5.75')	SOIL	WEST NYACK, NY	06/11/21 10:40	06/11/21
L2131407-21	DUP	SOIL	WEST NYACK, NY	06/11/21 07:30	06/11/21

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

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

L2131407-09 and -10: Sample containers for PFAS were received, but the analysis was not requested on the chain of custody. At the project manager's request, the analysis was performed.

Volatile Organics

L2131407-16: The internal standard (IS) responses for fluorobenzene (42%), chlorobenzene-d5 (45%), and 1,4-dichlorobenzene-d4 (42%), and the surrogate recovery for 1,2-dichloroethane-d4 (131%) were outside the acceptance criteria; however, re-analysis achieved similar results: fluorobenzene (38%), chlorobenzene-d5 (43%), 1,4-dichlorobenzene-d4 (45%), and 1,2-dichloroethane-d4 (193%). The results of both analyses are reported.

L2131407-18: The internal standard (IS) responses for fluorobenzene (40%), chlorobenzene-d5 (43%), and 1,4-dichlorobenzene-d4 (41%) were outside the acceptance criteria; however, re-analysis yielded acceptable IS responses and a high surrogate recovery for 1,2-dichloroethane-d4 (135%). The results of both analyses are reported.

Semivolatile Organics

The WG1514283-4/-5 MS/MSD recoveries, performed on L2131407-11, are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%), and 4,6-dinitro-o-cresol (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limit.

Perfluorinated Alkyl Acids by Isotope Dilution

L2131407-10, -11, -13, -15 through -21, WG1511438-3, and WG1511438-4: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Case Narrative (continued)

Surrogate (Extracted Internal Standard).

L2131407-17, -18, and -19: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The Extracted Internal Standard recovery for the WG1512078-1 Method Blank, associated with L2131407-09 and -10, is below the acceptance criteria for Perfluoro[13C8]Octanesulfonamide (M8FOSA) (less than 10%); however, the associated samples are non-detect for Perfluorooctanesulfonamide (FOSA).

The WG1512078-2 LCS recovery, associated with L2131407-09 and -10, is above the acceptance criteria for perfluorotridecanoic acid (pfrda) (179%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

WG1511438-2 and WG1512078-2: The Extracted Internal Standard recovery is below the acceptance criteria for Perfluoro[13C8]Octanesulfonamide (M8FOSA) (less than 10%); however, all associated target analytes are within criteria.

PCBs

L2131407-16D: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L2131407-01 through -21: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1512998-3/-4 MS/MSD recoveries for aluminum (71%/1140%), calcium (203%/0%), iron (3550%/24500%), magnesium (215%/0%), and manganese (MSD 175%), performed on L2131407-11, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1512998-3/-4 MS/MSD recoveries, performed on L2131407-11, are outside the acceptance criteria for antimony (MS 72%), copper (166%/170%), lead (74%/74%), potassium (MSD 152%), and zinc (59%/68%).

A post digestion spike was performed and was within acceptance criteria.

Project Name: CHROMALLOY
Project Number: 1902732021

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Report Date: 07/20/21

Case Narrative (continued)

The WG1512998-3/-4 MS/MSD RPDs for aluminum (24%), calcium (31%), iron (79%), magnesium (44%), and potassium (25%), performed on L2131407-11, are above the acceptance criteria.

The WG1513002-3/-4 MS/MSD recoveries, performed on L2131407-11, are outside the acceptance criteria for mercury (142%/128%). A post digestion spike was performed and was within acceptance criteria.

Cyanide, Total

The WG1512263-2 LCS recovery for cyanide, total (56%), associated with L2131407-01 through -03, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1512920-3 LCSD recovery for cyanide, total (74%), associated with L2131407-04 through -10, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1514095-2/-3 LCS/LCSD recoveries for cyanide, total (65%/73%), associated with L2131407-11, -12, and -14, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1514366-2/-3 LCS/LCSD recoveries for cyanide, total (67%/50%), associated with L2131407-13 and -15 through -21, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/20/21

ORGANICS

VOLATILES

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-01
 Client ID: SB-16 (6-8')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 09:10
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 10:31
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-01
 Client ID: SB-16 (6-8')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 09:10
 Date Received: 06/10/21
 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	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.79	1
Acetone	ND		ug/kg	8.6	4.2	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.82	1
Cyclohexane	ND		ug/kg	8.6	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.4	0.60	1
Methyl cyclohexane	ND		ug/kg	3.4	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	93		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02
 Client ID: SB-15 (13-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 10:40
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 10:57
 Analyst: AJK
 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	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	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
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	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	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02
 Client ID: SB-15 (13-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 10:40
 Date Received: 06/10/21
 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	1.7	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
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	ND		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	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
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	ND		ug/kg	8.4	0.46	1
1,4-Dioxane	ND		ug/kg	67	29.	1
Freon-113	ND		ug/kg	3.4	0.58	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	92		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-03
 Client ID: SB-14 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 11:22
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	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	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	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	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.15	1
Benzene	ND		ug/kg	0.47	0.15	1
Toluene	ND		ug/kg	0.93	0.51	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-03
 Client ID: SB-14 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30
 Date Received: 06/10/21
 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	1.9	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	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.51	1
1,4-Dioxane	ND		ug/kg	74	33.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	100		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-04
 Client ID: SB-13 (17-19')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 12:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 11:47
 Analyst: AJK
 Percent Solids: 86%

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	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		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	0.45	J	ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-04
 Client ID: SB-13 (17-19')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 12:30
 Date Received: 06/10/21
 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	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		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	ND		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	ND		ug/kg	1.0	0.12	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	0.58	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	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	102		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05
 Client ID: SB-12 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 13:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 12:12
 Analyst: AJK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05
 Client ID: SB-12 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 13:45
 Date Received: 06/10/21
 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	0.14	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	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.87	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	101		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-06
 Client ID: SB-11 (5-7')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:05
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 12:37
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.0	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.80	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.80	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.80	0.10	1
Dibromochloromethane	ND		ug/kg	0.80	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.80	0.21	1
Tetrachloroethene	ND		ug/kg	0.40	0.16	1
Chlorobenzene	ND		ug/kg	0.40	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.2	0.55	1
1,2-Dichloroethane	ND		ug/kg	0.80	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.40	0.13	1
Bromodichloromethane	ND		ug/kg	0.40	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.80	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.40	0.12	1
Bromoform	ND		ug/kg	3.2	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.40	0.13	1
Benzene	ND		ug/kg	0.40	0.13	1
Toluene	ND		ug/kg	0.80	0.43	1
Ethylbenzene	ND		ug/kg	0.80	0.11	1
Chloromethane	ND		ug/kg	3.2	0.74	1
Bromomethane	ND		ug/kg	1.6	0.46	1
Vinyl chloride	ND		ug/kg	0.80	0.27	1
Chloroethane	ND		ug/kg	1.6	0.36	1
1,1-Dichloroethene	ND		ug/kg	0.80	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.40	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.11	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-06
 Client ID: SB-11 (5-7')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:05
 Date Received: 06/10/21
 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	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.45	1
o-Xylene	ND		ug/kg	0.80	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	0.80	0.14	1
Styrene	ND		ug/kg	0.80	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.0	0.73	1
Acetone	ND		ug/kg	8.0	3.8	1
Carbon disulfide	ND		ug/kg	8.0	3.6	1
2-Butanone	ND		ug/kg	8.0	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.0	1.0	1
2-Hexanone	ND		ug/kg	8.0	0.94	1
Bromochloromethane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.80	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.80	1
Isopropylbenzene	ND		ug/kg	0.80	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.2	0.76	1
Cyclohexane	ND		ug/kg	8.0	0.43	1
1,4-Dioxane	ND		ug/kg	64	28.	1
Freon-113	ND		ug/kg	3.2	0.55	1
Methyl cyclohexane	ND		ug/kg	3.2	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	104		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07
 Client ID: SB-10 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 13:02
 Analyst: AJK
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07
 Client ID: SB-10 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30
 Date Received: 06/10/21
 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	1.9	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	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.87	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.3	1
2-Butanone	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.91	1
Cyclohexane	ND		ug/kg	9.6	0.52	1
1,4-Dioxane	ND		ug/kg	76	34.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	104		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-08
 Client ID: SB-09 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:00
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 01:44
 Analyst: JC
 Percent Solids: 90%

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	0.66	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
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	0.43	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
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-08
 Client ID: SB-09 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:00
 Date Received: 06/10/21
 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	1.9	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
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	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
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	140	Q	70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	117		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 02:09
 Analyst: JC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.82	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.82	0.45	1
Ethylbenzene	ND		ug/kg	0.82	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.82	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 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	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.82	0.14	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.76	1
Acetone	ND		ug/kg	8.2	4.0	1
Carbon disulfide	ND		ug/kg	8.2	3.8	1
2-Butanone	ND		ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
2-Hexanone	ND		ug/kg	8.2	0.97	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Isopropylbenzene	ND		ug/kg	0.82	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.3	0.78	1
Cyclohexane	ND		ug/kg	8.2	0.45	1
1,4-Dioxane	ND		ug/kg	66	29.	1
Freon-113	ND		ug/kg	3.3	0.57	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	145	Q	70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	118		70-130

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 14:18
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	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	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	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	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		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	0.47	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	0.62		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 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	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	1.1		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	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	1.3	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	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	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	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	105		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 01:18
 Analyst: JC
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 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	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.5	J	ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	8.1	J	ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	144	Q	70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	117		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12
 Client ID: SS-2
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:35
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 15:09
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12
 Client ID: SS-2
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:35
 Date Received: 06/11/21
 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	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	109		70-130

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 00:52
 Analyst: JC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 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	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	143	Q	70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	118		70-130

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-14
 Client ID: SS-4
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:45
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 00:26
 Analyst: JC
 Percent Solids: 86%

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	ND		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: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-14
 Client ID: SS-4
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:45
 Date Received: 06/11/21
 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	ND		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	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		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
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	0.95	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	142	Q	70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	118		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 00:00
 Analyst: JC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 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	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.4	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	143	Q	70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	116		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 16:50
 Analyst: AJK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	0.69	J	ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 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	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	30		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
Methyl Acetate	ND		ug/kg	5.6	1.3	1
Cyclohexane	ND		ug/kg	14	0.76	1
1,4-Dioxane	ND		ug/kg	110	49.	1
Freon-113	ND		ug/kg	5.6	0.96	1
Methyl cyclohexane	ND		ug/kg	5.6	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	131	Q	70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	110		70-130

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-16 R

Date Collected: 06/11/21 09:00

Client ID: SB-05 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/16/21 23:35

Analyst: JC

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.78	0.31	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.26	1
Bromodichloromethane	ND		ug/kg	0.78	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.25	1
Bromoform	ND		ug/kg	6.3	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.85	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.1	0.91	1
Vinyl chloride	ND		ug/kg	1.6	0.52	1
Chloroethane	ND		ug/kg	3.1	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.21	1
Trichloroethene	ND		ug/kg	0.78	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16 R

Date Collected: 06/11/21 09:00

Client ID: SB-05 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.32	1
p/m-Xylene	ND		ug/kg	3.1	0.88	1
o-Xylene	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.27	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	37		ug/kg	16	7.5	1
Carbon disulfide	ND		ug/kg	16	7.1	1
2-Butanone	ND		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.43	1
Methyl Acetate	ND		ug/kg	6.3	1.5	1
Cyclohexane	ND		ug/kg	16	0.85	1
1,4-Dioxane	ND		ug/kg	120	55.	1
Freon-113	ND		ug/kg	6.3	1.1	1
Methyl cyclohexane	ND		ug/kg	6.3	0.94	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	193	Q	70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	129		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 23:10
 Analyst: JC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.63	0.24	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 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	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
Methyl cyclohexane	ND		ug/kg	5.0	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	150	Q	70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	120		70-130

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/16/21 17:41
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 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	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	48		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	7.2	J	ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.3	0.75	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	112		70-130

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-18 R

Date Collected: 06/11/21 09:55

Client ID: SB-03 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/16/21 22:44

Analyst: JC

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-18 R

Date Collected: 06/11/21 09:55

Client ID: SB-03 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	38		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	5.2	J	ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	98	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	135	Q	70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	114		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 20:44
 Analyst: MV
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.81	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.81	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.81	0.10	1
Dibromochloromethane	ND		ug/kg	0.81	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.81	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.2	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.81	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.81	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.2	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.81	0.44	1
Ethylbenzene	ND		ug/kg	0.81	0.11	1
Chloromethane	ND		ug/kg	3.2	0.76	1
Bromomethane	ND		ug/kg	1.6	0.47	1
Vinyl chloride	ND		ug/kg	0.81	0.27	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.81	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 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	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.81	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.81	0.14	1
Styrene	ND		ug/kg	0.81	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.1	0.74	1
Acetone	ND		ug/kg	8.1	3.9	1
Carbon disulfide	ND		ug/kg	8.1	3.7	1
2-Butanone	ND		ug/kg	8.1	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.1	1.0	1
2-Hexanone	ND		ug/kg	8.1	0.96	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.81	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.81	1
Isopropylbenzene	ND		ug/kg	0.81	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.2	0.77	1
Cyclohexane	ND		ug/kg	8.1	0.44	1
1,4-Dioxane	ND		ug/kg	65	28.	1
Freon-113	ND		ug/kg	3.2	0.56	1
Methyl cyclohexane	ND		ug/kg	3.2	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	108		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 21:10
 Analyst: MV
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.68	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 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	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	8.6	J	ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.7	1
2-Butanone	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	13	0.69	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
Methyl cyclohexane	ND		ug/kg	5.0	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/17/21 21:36
 Analyst: MV
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 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	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	17		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 20:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08-09,11,13-18 Batch: WG1513055-10					
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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 20:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08-09,11,13-18 Batch: WG1513055-10					
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
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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/16/21 20:36
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08-09,11,13-18 Batch: WG1513055-10					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	110		70-130

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/16/21 10:05
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07,10,12,16,18 Batch: WG1513055-5					
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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/16/21 10:05
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07,10,12,16,18 Batch: WG1513055-5					
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	0.21	J	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	3.9	J	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
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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 10:05
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07,10,12,16,18 Batch: WG1513055-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	100		70-130

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/17/21 17:43
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 19-21 Batch: WG1513753-5					
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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/17/21 17:43
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 19-21 Batch: WG1513753-5					
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	0.40	J	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
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: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 06/17/21 17:43

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 19-21 Batch: WG1513753-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07,10,12,16,18 Batch: WG1513055-3 WG1513055-4								
Methylene chloride	98		91		70-130	7		30
1,1-Dichloroethane	101		98		70-130	3		30
Chloroform	88		84		70-130	5		30
Carbon tetrachloride	94		87		70-130	8		30
1,2-Dichloropropane	103		102		70-130	1		30
Dibromochloromethane	82		78		70-130	5		30
1,1,2-Trichloroethane	88		78		70-130	12		30
Tetrachloroethene	96		91		70-130	5		30
Chlorobenzene	94		91		70-130	3		30
Trichlorofluoromethane	82		69	Q	70-139	17		30
1,2-Dichloroethane	88		86		70-130	2		30
1,1,1-Trichloroethane	91		84		70-130	8		30
Bromodichloromethane	92		91		70-130	1		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	94		95		70-130	1		30
Bromoform	83		89		70-130	7		30
1,1,2,2-Tetrachloroethane	94		101		70-130	7		30
Benzene	87		84		70-130	4		30
Toluene	89		86		70-130	3		30
Ethylbenzene	95		92		70-130	3		30
Chloromethane	115		111		52-130	4		30
Bromomethane	46	Q	39	Q	57-147	16		30
Vinyl chloride	56	Q	49	Q	67-130	13		30

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07,10,12,16,18 Batch: WG1513055-3 WG1513055-4								
Chloroethane	41	Q	35	Q	50-151	16		30
1,1-Dichloroethene	95		88		65-135	8		30
trans-1,2-Dichloroethene	94		89		70-130	5		30
Trichloroethene	90		85		70-130	6		30
1,2-Dichlorobenzene	87		88		70-130	1		30
1,3-Dichlorobenzene	88		89		70-130	1		30
1,4-Dichlorobenzene	87		84		70-130	4		30
Methyl tert butyl ether	92		91		66-130	1		30
p/m-Xylene	89		85		70-130	5		30
o-Xylene	94		87		70-130	8		30
cis-1,2-Dichloroethene	90		87		70-130	3		30
Styrene	89		82		70-130	8		30
Dichlorodifluoromethane	95		87		30-146	9		30
Acetone	131		115		54-140	13		30
Carbon disulfide	95		81		59-130	16		30
2-Butanone	117		109		70-130	7		30
4-Methyl-2-pentanone	124		128		70-130	3		30
2-Hexanone	124		126		70-130	2		30
Bromochloromethane	84		82		70-130	2		30
1,2-Dibromoethane	87		87		70-130	0		30
1,2-Dibromo-3-chloropropane	95		105		68-130	10		30
Isopropylbenzene	101		100		70-130	1		30
1,2,3-Trichlorobenzene	99		101		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07,10,12,16,18 Batch: WG1513055-3 WG1513055-4								
1,2,4-Trichlorobenzene	103		105		70-130	2		30
Methyl Acetate	101		110		51-146	9		30
Cyclohexane	130		125		59-142	4		30
1,4-Dioxane	107		113		65-136	5		30
Freon-113	98		91		50-139	7		30
Methyl cyclohexane	102		98		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		88		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	119		121		70-130
Dibromofluoromethane	93		89		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08-09,11,13-18 Batch: WG1513055-8 WG1513055-9								
Methylene chloride	94		94		70-130	0		30
1,1-Dichloroethane	103		101		70-130	2		30
Chloroform	104		103		70-130	1		30
Carbon tetrachloride	125		123		70-130	2		30
1,2-Dichloropropane	95		95		70-130	0		30
Dibromochloromethane	97		97		70-130	0		30
1,1,2-Trichloroethane	83		83		70-130	0		30
Tetrachloroethene	100		96		70-130	4		30
Chlorobenzene	94		92		70-130	2		30
Trichlorofluoromethane	105		102		70-139	3		30
1,2-Dichloroethane	120		121		70-130	1		30
1,1,1-Trichloroethane	118		114		70-130	3		30
Bromodichloromethane	111		111		70-130	0		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	98		98		70-130	0		30
Bromoform	98		99		70-130	1		30
1,1,2,2-Tetrachloroethane	80		82		70-130	2		30
Benzene	85		83		70-130	2		30
Toluene	84		80		70-130	5		30
Ethylbenzene	94		91		70-130	3		30
Chloromethane	97		92		52-130	5		30
Bromomethane	56	Q	51	Q	57-147	9		30
Vinyl chloride	51	Q	48	Q	67-130	6		30

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08-09,11,13-18 Batch: WG1513055-8 WG1513055-9								
Chloroethane	43	Q	41	Q	50-151	5		30
1,1-Dichloroethene	95		90		65-135	5		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	97		96		70-130	1		30
1,2-Dichlorobenzene	88		86		70-130	2		30
1,3-Dichlorobenzene	90		85		70-130	6		30
1,4-Dichlorobenzene	86		84		70-130	2		30
Methyl tert butyl ether	106		107		66-130	1		30
p/m-Xylene	88		84		70-130	5		30
o-Xylene	90		86		70-130	5		30
cis-1,2-Dichloroethene	94		92		70-130	2		30
Styrene	86		84		70-130	2		30
Dichlorodifluoromethane	107		105		30-146	2		30
Acetone	107		116		54-140	8		30
Carbon disulfide	80		78		59-130	3		30
2-Butanone	104		110		70-130	6		30
4-Methyl-2-pentanone	107		109		70-130	2		30
2-Hexanone	100		104		70-130	4		30
Bromochloromethane	94		94		70-130	0		30
1,2-Dibromoethane	90		91		70-130	1		30
1,2-Dibromo-3-chloropropane	103		105		68-130	2		30
Isopropylbenzene	94		90		70-130	4		30
1,2,3-Trichlorobenzene	103		103		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08-09,11,13-18 Batch: WG1513055-8 WG1513055-9								
1,2,4-Trichlorobenzene	106		104		70-130	2		30
Methyl Acetate	99		105		51-146	6		30
Cyclohexane	117		112		59-142	4		30
1,4-Dioxane	105		109		65-136	4		30
Freon-113	105		97		50-139	8		30
Methyl cyclohexane	95		92		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	124		130		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	107		110		70-130
Dibromofluoromethane	105		107		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 19-21 Batch: WG1513753-3 WG1513753-4								
Methylene chloride	91		89		70-130	2		30
1,1-Dichloroethane	92		93		70-130	1		30
Chloroform	100		100		70-130	0		30
Carbon tetrachloride	105		106		70-130	1		30
1,2-Dichloropropane	94		93		70-130	1		30
Dibromochloromethane	90		92		70-130	2		30
1,1,2-Trichloroethane	86		89		70-130	3		30
Tetrachloroethene	93		94		70-130	1		30
Chlorobenzene	89		90		70-130	1		30
Trichlorofluoromethane	100		99		70-139	1		30
1,2-Dichloroethane	103		103		70-130	0		30
1,1,1-Trichloroethane	105		104		70-130	1		30
Bromodichloromethane	105		104		70-130	1		30
trans-1,3-Dichloropropene	95		96		70-130	1		30
cis-1,3-Dichloropropene	104		104		70-130	0		30
Bromoform	93		94		70-130	1		30
1,1,2,2-Tetrachloroethane	83		82		70-130	1		30
Benzene	94		93		70-130	1		30
Toluene	84		86		70-130	2		30
Ethylbenzene	88		89		70-130	1		30
Chloromethane	81		78		52-130	4		30
Bromomethane	97		95		57-147	2		30
Vinyl chloride	91		87		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 19-21 Batch: WG1513753-3 WG1513753-4								
Chloroethane	92		91		50-151	1		30
1,1-Dichloroethene	95		94		65-135	1		30
trans-1,2-Dichloroethene	96		96		70-130	0		30
Trichloroethene	99		99		70-130	0		30
1,2-Dichlorobenzene	86		88		70-130	2		30
1,3-Dichlorobenzene	86		88		70-130	2		30
1,4-Dichlorobenzene	84		84		70-130	0		30
Methyl tert butyl ether	100		98		66-130	2		30
p/m-Xylene	87		89		70-130	2		30
o-Xylene	90		91		70-130	1		30
cis-1,2-Dichloroethene	98		99		70-130	1		30
Styrene	93		94		70-130	1		30
Dichlorodifluoromethane	91		90		30-146	1		30
Acetone	93		103		54-140	10		30
Carbon disulfide	87		87		59-130	0		30
2-Butanone	90		82		70-130	9		30
4-Methyl-2-pentanone	91		91		70-130	0		30
2-Hexanone	81		82		70-130	1		30
Bromochloromethane	106		106		70-130	0		30
1,2-Dibromoethane	89		90		70-130	1		30
1,2-Dibromo-3-chloropropane	83		83		68-130	0		30
Isopropylbenzene	86		86		70-130	0		30
1,2,3-Trichlorobenzene	90		90		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 19-21 Batch: WG1513753-3 WG1513753-4								
1,2,4-Trichlorobenzene	89		92		70-130	3		30
Methyl Acetate	91		90		51-146	1		30
Cyclohexane	92		91		59-142	1		30
1,4-Dioxane	109		107		65-136	2		30
Freon-113	96		96		50-139	0		30
Methyl cyclohexane	93		94		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		103		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	107		105		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

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): 01-18 QC Batch ID: WG1513055-11 WG1513055-12 QC Sample: L2131407-11 Client ID: SS-1												
Methylene chloride	ND	128	110	84		100	84		70-130	4		30
1,1-Dichloroethane	ND	128	130	101		120	99		70-130	6		30
Chloroform	ND	128	130	100		120	97		70-130	6		30
Carbon tetrachloride	ND	128	170	129		170	132	Q	70-130	1		30
1,2-Dichloropropane	ND	128	100	78		95	76		70-130	5		30
Dibromochloromethane	ND	128	93	72		87	70		70-130	6		30
1,1,2-Trichloroethane	ND	128	79	62	Q	75	60	Q	70-130	6		30
Tetrachloroethene	ND	128	77	60	Q	76	61	Q	70-130	2		30
Chlorobenzene	ND	128	67	52	Q	61	49	Q	70-130	9		30
Trichlorofluoromethane	ND	128	160	128		170	135		70-139	2		30
1,2-Dichloroethane	ND	128	150	113		130	108		70-130	8		30
1,1,1-Trichloroethane	ND	128	160	126		160	125		70-130	3		30
Bromodichloromethane	ND	128	130	98		120	95		70-130	7		30
trans-1,3-Dichloropropene	ND	128	83	65	Q	78	63	Q	70-130	7		30
cis-1,3-Dichloropropene	ND	128	85	66	Q	80	64	Q	70-130	6		30
Bromoform	ND	128	86	67	Q	79	63	Q	70-130	9		30
1,1,1,2-Tetrachloroethane	ND	128	64	50	Q	60	48	Q	70-130	6		30
Benzene	ND	128	93	72		89	71		70-130	5		30
Toluene	ND	128	73	57	Q	68	55	Q	70-130	7		30
Ethylbenzene	ND	128	65	50	Q	57	46	Q	70-130	12		30
Chloromethane	ND	128	120	90		110	92		52-130	1		30
Bromomethane	ND	128	75	58		75	60		57-147	1		30
Vinyl chloride	ND	128	69	54	Q	71	57	Q	67-130	2		30

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

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): 01-18 QC Batch ID: WG1513055-11 WG1513055-12 QC Sample: L2131407-11 Client ID: SS-1												
Chloroethane	ND	128	62	48	Q	60	48	Q	50-151	2		30
1,1-Dichloroethene	ND	128	120	97		130	100		65-135	1		30
trans-1,2-Dichloroethene	ND	128	110	82		100	84		70-130	1		30
Trichloroethene	ND	128	99	77		96	77		70-130	3		30
1,2-Dichlorobenzene	ND	128	38	30	Q	33	27	Q	70-130	14		30
1,3-Dichlorobenzene	ND	128	36	28	Q	31	25	Q	70-130	16		30
1,4-Dichlorobenzene	ND	128	34	27	Q	29	23	Q	70-130	17		30
Methyl tert butyl ether	ND	128	130	100		120	98		66-130	5		30
p/m-Xylene	ND	256	110	44	Q	98	39	Q	70-130	13		30
o-Xylene	ND	256	120	46	Q	110	42	Q	70-130	13		30
cis-1,2-Dichloroethene	ND	128	100	80		98	78		70-130	4		30
Styrene	ND	256	110	42	Q	94	38	Q	70-130	13		30
Dichlorodifluoromethane	ND	128	170	129		170	138		30-146	4		30
Acetone	6.5J	128	140	112		160	125		54-140	8		30
Carbon disulfide	ND	128	88	68		92	74		59-130	5		30
2-Butanone	8.1J	128	100	80		98	78		70-130	5		30
4-Methyl-2-pentanone	ND	128	97	75		92	74		70-130	5		30
2-Hexanone	ND	128	80	62	Q	73	58	Q	70-130	9		30
Bromochloromethane	ND	128	110	83		100	80		70-130	7		30
1,2-Dibromoethane	ND	128	80	62	Q	75	60	Q	70-130	6		30
1,2-Dibromo-3-chloropropane	ND	128	80	62	Q	74	59	Q	68-130	8		30
Isopropylbenzene	ND	128	53	42	Q	45	36	Q	70-130	17		30
1,2,3-Trichlorobenzene	ND	128	23	18	Q	22	18	Q	70-130	3		30

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

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): 01-18 QC Batch ID: WG1513055-11 WG1513055-12 QC Sample: L2131407-11 Client ID: SS-1												
1,2,4-Trichlorobenzene	ND	128	23	18	Q	21	17	Q	70-130	8		30
Methyl Acetate	ND	128	140	111		130	105		51-146	8		30
Cyclohexane	ND	128	120	94		140	111		59-142	13		30
1,4-Dioxane	ND	6410	4900	77		5300	86		65-136	8		30
Freon-113	ND	128	130	104		150	119		50-139	11		30
Methyl cyclohexane	ND	128	80	62	Q	100	83		70-130	25		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	147	Q	141	Q	70-130
4-Bromofluorobenzene	106		104		70-130
Dibromofluoromethane	118		114		70-130
Toluene-d8	95		96		70-130

SEMIVOLATILES

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-01
 Client ID: SB-16 (6-8')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 09:10
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 01:04
 Analyst: ALS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-01
 Client ID: SB-16 (6-8')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 09:10
 Date Received: 06/10/21
 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	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-01

Date Collected: 06/10/21 09:10

Client ID: SB-16 (6-8')

Date Received: 06/10/21

Sample Location: WEST NYACK, 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	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	60		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02
 Client ID: SB-15 (13-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 10:40
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 04:11
 Analyst: ALS
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		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: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02
 Client ID: SB-15 (13-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 10:40
 Date Received: 06/10/21
 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	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		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	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	ND		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	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	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02

Date Collected: 06/10/21 10:40

Client ID: SB-15 (13-15')

Date Received: 06/10/21

Sample Location: WEST NYACK, 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	72		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	49		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-03
 Client ID: SB-14 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 00:41
 Analyst: ALS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-03
 Client ID: SB-14 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30
 Date Received: 06/10/21
 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	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-03
 Client ID: SB-14 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30
 Date Received: 06/10/21
 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	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	47		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-04
 Client ID: SB-13 (17-19')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 12:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 03:48
 Analyst: ALS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	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	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		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	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-04
 Client ID: SB-13 (17-19')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 12:30
 Date Received: 06/10/21
 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	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	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		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	ND		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	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	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-04

Date Collected: 06/10/21 12:30

Client ID: SB-13 (17-19')

Date Received: 06/10/21

Sample Location: WEST NYACK, 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	85		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	59		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05
 Client ID: SB-12 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 13:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/19/21 23:31
 Analyst: ALS
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05
 Client ID: SB-12 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 13:45
 Date Received: 06/10/21
 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	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05

Date Collected: 06/10/21 13:45

Client ID: SB-12 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, 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	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	54		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-06
 Client ID: SB-11 (5-7')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:05
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 03:01
 Analyst: ALS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		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	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-06
 Client ID: SB-11 (5-7')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:05
 Date Received: 06/10/21
 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	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	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	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	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	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	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	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-06

Date Collected: 06/10/21 14:05

Client ID: SB-11 (5-7')

Date Received: 06/10/21

Sample Location: WEST NYACK, 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	77		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	57		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07
 Client ID: SB-10 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 01:28
 Analyst: ALS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		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	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07
 Client ID: SB-10 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30
 Date Received: 06/10/21
 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	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	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	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	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	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	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	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07
 Client ID: SB-10 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30
 Date Received: 06/10/21
 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	80		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	56		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-08
 Client ID: SB-09 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:00
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 03:25
 Analyst: ALS
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-08
 Client ID: SB-09 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:00
 Date Received: 06/10/21
 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	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-08

Date Collected: 06/10/21 15:00

Client ID: SB-09 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, 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	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	54		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 00:18
 Analyst: ALS
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 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	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 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	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	53		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 23:17
 Analyst: SG
 Percent Solids: 95%

Extraction Method: ALPHA 23528
 Extraction Date: 06/15/21 06:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.491	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.491	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.245	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.491	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.245	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.245	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.245	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.491	0.176	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.491	0.134	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.245	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.245	0.128	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.245	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.491	0.282	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.491	0.198	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.491	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.491	0.150	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.491	0.096	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.491	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.491	0.069	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.491	0.201	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.491	0.053	1
PFOA/PFOS, Total	ND		ng/g	0.245	0.041	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	112		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	121		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		24-159

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 02:38
 Analyst: ALS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 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	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10

Date Collected: 06/10/21 15:45

Client ID: SB-06 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, 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	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	42		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 23:50
 Analyst: SG
 Percent Solids: 89%

Extraction Method: ALPHA 23528
 Extraction Date: 06/15/21 06:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.526	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.526	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.263	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.526	0.055	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.263	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.263	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.263	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.526	0.189	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.526	0.144	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.263	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.263	0.137	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.263	0.070	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.526	0.302	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.526	0.212	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.526	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.526	0.161	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.526	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.526	0.074	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.526	0.215	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.526	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.263	0.044	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	81		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	107		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	110		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	36		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		24-159

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/16/21 15:07
 Analyst: MP
 Percent Solids: 89%

Extraction Method: ALPHA 23528
 Extraction Date: 06/15/21 06:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.526	0.103	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			70		10-117	

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 09:59
 Analyst: IM
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	52	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	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	1200		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	27	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	79	J	ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	670		ug/kg	130	24.	1
Benzo(a)pyrene	700		ug/kg	170	52.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 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	130	36.	1
Benzo(k)fluoranthene	300		ug/kg	130	34.	1
Chrysene	680		ug/kg	130	22.	1
Acenaphthylene	35	J	ug/kg	170	33.	1
Anthracene	150		ug/kg	130	42.	1
Benzo(ghi)perylene	440		ug/kg	170	25.	1
Fluorene	41	J	ug/kg	210	21.	1
Phenanthrene	570		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	470		ug/kg	170	30.	1
Pyrene	960		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	50.	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	89.	1
Dibenzofuran	23	J	ug/kg	210	20.	1
2-Methylnaphthalene	ND		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	41.	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	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	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	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	100	J	ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	75.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11

Date Collected: 06/11/21 07:05

Client ID: SS-1

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	68		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	40		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 00:33
 Analyst: HT
 Percent Solids: 78%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.602	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.602	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.301	0.047	1
Perfluorohexanoic Acid (PFHxA)	0.075	J	ng/g	0.602	0.063	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.301	0.054	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.301	0.073	1
Perfluorooctanoic Acid (PFOA)	0.077	J	ng/g	0.301	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.602	0.216	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.602	0.164	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.301	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	0.404		ng/g	0.301	0.156	1
Perfluorodecanoic Acid (PFDA)	0.175	J	ng/g	0.301	0.081	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.602	0.345	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.602	0.242	1
Perfluoroundecanoic Acid (PFUnA)	0.127	J	ng/g	0.602	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.602	0.184	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.197	J	ng/g	0.602	0.102	1
Perfluorododecanoic Acid (PFDoA)	0.123	J	ng/g	0.602	0.084	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.602	0.246	1
Perfluorotetradecanoic Acid (PFTA)	0.078	J	ng/g	0.602	0.065	1
PFOA/PFOS, Total	0.481	J	ng/g	0.301	0.050	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11

Date Collected: 06/11/21 07:05

Client ID: SS-1

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	92		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	110		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	115		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	61		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	116		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	92		24-159

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 17:56
 Analyst: MP
 Percent Solids: 78%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.602	0.118	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	72			10-117		

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12
 Client ID: SS-2
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:35
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 07:18
 Analyst: ALS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	240		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	600		ug/kg	110	21.	1
Benzo(a)pyrene	670		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12

Date Collected: 06/11/21 07:35

Client ID: SS-2

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	980		ug/kg	110	31.	1
Benzo(k)fluoranthene	340		ug/kg	110	30.	1
Chrysene	660		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	83	J	ug/kg	110	36.	1
Benzo(ghi)perylene	410		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	330		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	89	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	460		ug/kg	150	26.	1
Pyrene	840		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	49	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-12

Date Collected: 06/11/21 07:35

Client ID: SS-2

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	48		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 06:08
 Analyst: ALS
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	30	J	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	1700		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	130	J	ug/kg	200	68.	1
Butyl benzyl phthalate	76	J	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	680		ug/kg	120	22.	1
Benzo(a)pyrene	700		ug/kg	160	48.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	940		ug/kg	120	33.	1
Benzo(k)fluoranthene	350		ug/kg	120	31.	1
Chrysene	730		ug/kg	120	20.	1
Acenaphthylene	64	J	ug/kg	160	30.	1
Anthracene	130		ug/kg	120	38.	1
Benzo(ghi)perylene	480		ug/kg	160	23.	1
Fluorene	77	J	ug/kg	200	19.	1
Phenanthrene	840		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	530		ug/kg	160	27.	1
Pyrene	1300		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	27	J	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	91	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-13

Date Collected: 06/11/21 07:40

Client ID: SS-3

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	90		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	64		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 01:22
 Analyst: HT
 Percent Solids: 84%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.144	J	ng/g	0.539	0.025	1
Perfluoropentanoic Acid (PFPeA)	0.232	J	ng/g	0.539	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.269	0.042	1
Perfluorohexanoic Acid (PFHxA)	0.227	J	ng/g	0.539	0.057	1
Perfluoroheptanoic Acid (PFHpA)	0.087	J	ng/g	0.269	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	0.176	J	ng/g	0.269	0.065	1
Perfluorooctanoic Acid (PFOA)	0.251	J	ng/g	0.269	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.539	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.539	0.147	1
Perfluorononanoic Acid (PFNA)	0.124	J	ng/g	0.269	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	2.91		ng/g	0.269	0.140	1
Perfluorodecanoic Acid (PFDA)	0.288		ng/g	0.269	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.539	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.503	J	ng/g	0.539	0.217	1
Perfluoroundecanoic Acid (PFUnA)	0.293	J	ng/g	0.539	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	2.72		ng/g	0.539	0.165	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.616		ng/g	0.539	0.091	1
Perfluorododecanoic Acid (PFDoA)	0.250	J	ng/g	0.539	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.539	0.220	1
Perfluorotetradecanoic Acid (PFTA)	0.109	J	ng/g	0.539	0.058	1
PFOA/PFOS, Total	3.16	J	ng/g	0.269	0.045	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13

Date Collected: 06/11/21 07:40

Client ID: SS-3

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	84		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	92		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	117		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	89		24-159

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 18:17
 Analyst: MP
 Percent Solids: 84%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.539	0.106	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	82			10-117		

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-14
 Client ID: SS-4
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:45
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 06:55
 Analyst: ALS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1200		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	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	30	J	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	330		ug/kg	190	47.	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	39.	1
Benzo(a)anthracene	660		ug/kg	110	21.	1
Benzo(a)pyrene	670		ug/kg	150	46.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-14
 Client ID: SS-4
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:45
 Date Received: 06/11/21
 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	110	32.	1
Benzo(k)fluoranthene	270		ug/kg	110	30.	1
Chrysene	660		ug/kg	110	19.	1
Acenaphthylene	65	J	ug/kg	150	29.	1
Anthracene	140		ug/kg	110	36.	1
Benzo(ghi)perylene	470		ug/kg	150	22.	1
Fluorene	50	J	ug/kg	190	18.	1
Phenanthrene	580		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	500		ug/kg	150	26.	1
Pyrene	1000		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	25	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	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	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	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	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	82	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	140	J	ug/kg	250	51.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-14

Date Collected: 06/11/21 07:45

Client ID: SS-4

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	85		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	71		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 02:15
 Analyst: ALS
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 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	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 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	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	74		18-120

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 01:39
 Analyst: HT
 Percent Solids: 93%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.475	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.475	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.237	0.037	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.475	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.237	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.237	0.057	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.237	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.475	0.170	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.475	0.130	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.237	0.071	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.237	0.123	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.237	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.475	0.272	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.228	J	ng/g	0.475	0.191	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.475	0.044	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.475	0.145	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.475	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.475	0.066	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.475	0.194	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.475	0.051	1
PFOA/PFOS, Total	ND		ng/g	0.237	0.040	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	111		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	44		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	87		24-159

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 18:24
 Analyst: MP
 Percent Solids: 93%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.475	0.093	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			89		10-117	

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 05:21
 Analyst: ALS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	29	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	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		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	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 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	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	26.	1
Pyrene	23	J	ug/kg	110	19.	1
Biphenyl	ND		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	ND		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	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	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16

Date Collected: 06/11/21 09:00

Client ID: SB-05 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	91		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	70		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 01:56
 Analyst: HT
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.550	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.550	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.275	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.550	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.275	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.275	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.275	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.550	0.197	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.550	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.275	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.275	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.275	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.550	0.316	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.328	J	ng/g	0.550	0.222	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.550	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.550	0.168	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.550	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.550	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.550	0.225	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.550	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.275	0.046	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	93		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	38		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	35		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	108		24-159

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 18:32
 Analyst: MP
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.550	0.108	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			91		10-117	

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 04:58
 Analyst: ALS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 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	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	19	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17

Date Collected: 06/11/21 09:30

Client ID: SB-04 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	80		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 02:12
 Analyst: HT
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.540	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.540	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.540	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.540	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.540	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.540	0.310	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.342	JF	ng/g	0.540	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.540	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.540	0.165	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.540	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.540	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.540	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.540	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.270	0.045	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	84		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	26	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	26	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		24-159

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 18:39
 Analyst: MP
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.540	0.106	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	83			10-117		

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 04:35
 Analyst: ALS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	93	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	50	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	59	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	43	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	23	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	65	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	26	J	ug/kg	150	26.	1
Pyrene	76	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-18

Date Collected: 06/11/21 09:55

Client ID: SB-03 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	62		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 02:29
 Analyst: HT
 Percent Solids: 89%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.510	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.510	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.255	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.510	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.255	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.255	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.255	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.510	0.183	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.510	0.139	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.255	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.255	0.133	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.255	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.510	0.293	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.355	JF	ng/g	0.510	0.206	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.510	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.510	0.156	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.510	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.510	0.071	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.510	0.209	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.510	0.055	1
PFOA/PFOS, Total	ND		ng/g	0.255	0.043	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	74		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	69	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	85		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	18	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	16	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		24-159

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 18:46
 Analyst: MP
 Percent Solids: 89%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.510	0.100	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			79		10-117	

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/19/21 23:54
 Analyst: ALS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 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	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 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	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	78		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 02:45
 Analyst: HT
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.554	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.554	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.277	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.554	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.277	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.277	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.277	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.554	0.199	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.554	0.151	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.277	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.277	0.144	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.277	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.554	0.318	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.554	0.223	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.554	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.554	0.169	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.554	0.094	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.554	0.078	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.554	0.226	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.554	0.060	1
PFOA/PFOS, Total	ND		ng/g	0.277	0.046	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	78		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	70	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	89		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	32		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	28	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		24-159

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 18:53
 Analyst: MP
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.554	0.108	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			89		10-117	

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 01:51
 Analyst: ALS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	32	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	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	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	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	150	47.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 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	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	46	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	24	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	ND		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	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	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	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-20

Date Collected: 06/11/21 10:40

Client ID: SB-01 (5-5.75')

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	96		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	83		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 03:02
 Analyst: HT
 Percent Solids: 86%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.545	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.545	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.273	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.545	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.273	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.273	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.273	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.545	0.196	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.545	0.149	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.273	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.273	0.142	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.273	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.545	0.313	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.545	0.220	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.545	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.545	0.167	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.102	J	ng/g	0.545	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.545	0.076	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.545	0.223	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.545	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.273	0.046	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	92		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	37		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		24-159

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 19:01
 Analyst: MP
 Percent Solids: 86%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.545	0.107	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	87			10-117		

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/21 06:31
 Analyst: ALS
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	37	J	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	1100		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	240	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	90	J	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	620		ug/kg	120	23.	1
Benzo(a)pyrene	650		ug/kg	160	50.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	950		ug/kg	120	34.	1
Benzo(k)fluoranthene	270		ug/kg	120	33.	1
Chrysene	630		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	110	J	ug/kg	120	40.	1
Benzo(ghi)perylene	470		ug/kg	160	24.	1
Fluorene	32	J	ug/kg	200	20.	1
Phenanthrene	460		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	490		ug/kg	160	28.	1
Pyrene	910		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	19	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	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	70	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21

Date Collected: 06/11/21 07:30

Client ID: DUP

Date Received: 06/11/21

Sample Location: WEST NYACK, 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	96		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	52		18-120

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/14/21 03:18
 Analyst: HT
 Percent Solids: 81%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.568	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.568	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.284	0.044	1
Perfluorohexanoic Acid (PFHxA)	0.066	J	ng/g	0.568	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.284	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.284	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.284	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.568	0.204	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.568	0.155	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.284	0.085	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.284	0.148	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.284	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.568	0.326	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.568	0.229	1
Perfluoroundecanoic Acid (PFUnA)	0.060	J	ng/g	0.568	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.568	0.174	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.107	JF	ng/g	0.568	0.096	1
Perfluorododecanoic Acid (PFDoA)	0.081	JF	ng/g	0.568	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.568	0.232	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.568	0.061	1
PFOA/PFOS, Total	ND		ng/g	0.284	0.048	1

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21

Date Collected: 06/11/21 07:30

Client ID: DUP

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	119		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		24-159

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 06/15/21 19:08
 Analyst: MP
 Percent Solids: 81%

Extraction Method: ALPHA 23528
 Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.568	0.111	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	66			10-117		

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/13/21 23:43
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 11,13,15-21 Batch: WG1511438-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/13/21 23:43
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 11,13,15-21 Batch: WG1511438-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	79		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		24-159

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/15/21 17:41
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/13/21 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 11,13,15-21 Batch: WG1511438-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	103		10-117

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/15/21 20:43
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/15/21 06:57

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 09-10 Batch: WG1512078-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/15/21 20:43
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/15/21 06:57

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 09-10 Batch: WG1512078-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	119		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	126		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	92		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	2	Q	10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	104		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		24-159

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/16/21 14:52
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/15/21 06:57

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 09-10 Batch: WG1512078-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84		10-117

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/21 21:11
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,12-21 Batch: WG1514223-1					
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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/21 21:11
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,12-21 Batch: WG1514223-1					
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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/21 21:11
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/19/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,12-21 Batch: WG1514223-1					
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	81		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	64		18-120

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/21 23:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/19/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1514283-1					
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	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	27.

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/21 23:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/19/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1514283-1					
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	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: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/21 23:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/19/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1514283-1					
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	76		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11,13,15-21 Batch: WG1511438-2								
Perfluorobutanoic Acid (PFBA)	97		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	92		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	100		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	93		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	99		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	99		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	91		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	85		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	96		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	95		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	109		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	76		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	93		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	99		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	84		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	101		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	101		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	107		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11,13,15-21 Batch: WG1511438-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	111				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	102				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	125				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	103				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	132				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	118				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	5	Q			10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	131				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	105				24-159

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11,13,15-21 Batch: WG1511438-2								
Perfluorooctanesulfonamide (FOSA)	84		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	97				10-117

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 Batch: WG1512078-2								
Perfluorobutanoic Acid (PFBA)	102		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	101		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	99		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	103		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	94		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	86		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	97		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	98		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	125		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	81		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	113		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	112		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	82		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	103		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	179	Q	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	122		-		69-133	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 Batch: WG1512078-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	110				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	106				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	124				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	137				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	109				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	4	Q			10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	91				24-159

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 Batch: WG1512078-2								
Perfluorooctanesulfonamide (FOSA)	92		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	80				10-117

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,12-21 Batch: WG1514223-2 WG1514223-3								
Acenaphthene	66		67		31-137	2		50
Hexachlorobenzene	65		67		40-140	3		50
Bis(2-chloroethyl)ether	70		70		40-140	0		50
2-Chloronaphthalene	69		71		40-140	3		50
3,3'-Dichlorobenzidine	71		73		40-140	3		50
2,4-Dinitrotoluene	74		75		40-132	1		50
2,6-Dinitrotoluene	79		82		40-140	4		50
Fluoranthene	72		69		40-140	4		50
4-Chlorophenyl phenyl ether	70		69		40-140	1		50
4-Bromophenyl phenyl ether	70		68		40-140	3		50
Bis(2-chloroisopropyl)ether	110		112		40-140	2		50
Bis(2-chloroethoxy)methane	68		69		40-117	1		50
Hexachlorobutadiene	67		69		40-140	3		50
Hexachlorocyclopentadiene	63		65		40-140	3		50
Hexachloroethane	72		71		40-140	1		50
Isophorone	68		69		40-140	1		50
Naphthalene	70		71		40-140	1		50
Nitrobenzene	81		80		40-140	1		50
NDPA/DPA	73		74		36-157	1		50
n-Nitrosodi-n-propylamine	74		74		32-121	0		50
Bis(2-ethylhexyl)phthalate	93		92		40-140	1		50
Butyl benzyl phthalate	82		80		40-140	2		50
Di-n-butylphthalate	79		78		40-140	1		50

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,12-21 Batch: WG1514223-2 WG1514223-3								
Di-n-octylphthalate	93		89		40-140	4		50
Diethyl phthalate	77		78		40-140	1		50
Dimethyl phthalate	68		71		40-140	4		50
Benzo(a)anthracene	73		70		40-140	4		50
Benzo(a)pyrene	77		74		40-140	4		50
Benzo(b)fluoranthene	74		74		40-140	0		50
Benzo(k)fluoranthene	73		69		40-140	6		50
Chrysene	71		70		40-140	1		50
Acenaphthylene	72		75		40-140	4		50
Anthracene	69		67		40-140	3		50
Benzo(ghi)perylene	73		72		40-140	1		50
Fluorene	74		74		40-140	0		50
Phenanthrene	68		68		40-140	0		50
Dibenzo(a,h)anthracene	70		68		40-140	3		50
Indeno(1,2,3-cd)pyrene	74		72		40-140	3		50
Pyrene	70		70		35-142	0		50
Biphenyl	67		68		37-127	1		50
4-Chloroaniline	73		79		40-140	8		50
2-Nitroaniline	82		86		47-134	5		50
3-Nitroaniline	69		72		26-129	4		50
4-Nitroaniline	74		73		41-125	1		50
Dibenzofuran	74		74		40-140	0		50
2-Methylnaphthalene	72		72		40-140	0		50

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,12-21 Batch: WG1514223-2 WG1514223-3								
1,2,4,5-Tetrachlorobenzene	67		68		40-117	1		50
Acetophenone	67		66		14-144	2		50
2,4,6-Trichlorophenol	75		78		30-130	4		50
p-Chloro-m-cresol	84		87		26-103	4		50
2-Chlorophenol	74		74		25-102	0		50
2,4-Dichlorophenol	75		74		30-130	1		50
2,4-Dimethylphenol	78		77		30-130	1		50
2-Nitrophenol	80		83		30-130	4		50
4-Nitrophenol	113		106		11-114	6		50
2,4-Dinitrophenol	80		79		4-130	1		50
4,6-Dinitro-o-cresol	82		83		10-130	1		50
Pentachlorophenol	66		64		17-109	3		50
Phenol	76		77		26-90	1		50
2-Methylphenol	76		77		30-130.	1		50
3-Methylphenol/4-Methylphenol	75		75		30-130	0		50
2,4,5-Trichlorophenol	78		79		30-130	1		50
Carbazole	72		72		54-128	0		50
Atrazine	71		72		40-140	1		50
Benzaldehyde	60		64		40-140	6		50
Caprolactam	114		120		15-130	5		50
2,3,4,6-Tetrachlorophenol	71		74		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,12-21 Batch: WG1514223-2 WG1514223-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		80		25-120
Phenol-d6	75		73		10-120
Nitrobenzene-d5	78		78		23-120
2-Fluorobiphenyl	67		68		30-120
2,4,6-Tribromophenol	66		65		10-136
4-Terphenyl-d14	61		59		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1514283-2 WG1514283-3								
Acenaphthene	68		57		31-137	18		50
Hexachlorobenzene	73		61		40-140	18		50
Bis(2-chloroethyl)ether	67		56		40-140	18		50
2-Chloronaphthalene	69		59		40-140	16		50
3,3'-Dichlorobenzidine	64		55		40-140	15		50
2,4-Dinitrotoluene	76		64		40-132	17		50
2,6-Dinitrotoluene	71		60		40-140	17		50
Fluoranthene	67		56		40-140	18		50
4-Chlorophenyl phenyl ether	70		57		40-140	20		50
4-Bromophenyl phenyl ether	70		58		40-140	19		50
Bis(2-chloroisopropyl)ether	95		82		40-140	15		50
Bis(2-chloroethoxy)methane	73		61		40-117	18		50
Hexachlorobutadiene	72		59		40-140	20		50
Hexachlorocyclopentadiene	46		37	Q	40-140	22		50
Hexachloroethane	72		62		40-140	15		50
Isophorone	82		70		40-140	16		50
Naphthalene	65		55		40-140	17		50
Nitrobenzene	80		67		40-140	18		50
NDPA/DPA	70		60		36-157	15		50
n-Nitrosodi-n-propylamine	81		69		32-121	16		50
Bis(2-ethylhexyl)phthalate	98		81		40-140	19		50
Butyl benzyl phthalate	83		69		40-140	18		50
Di-n-butylphthalate	84		70		40-140	18		50

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1514283-2 WG1514283-3								
Di-n-octylphthalate	86		72		40-140	18		50
Diethyl phthalate	77		66		40-140	15		50
Dimethyl phthalate	76		64		40-140	17		50
Benzo(a)anthracene	70		59		40-140	17		50
Benzo(a)pyrene	72		59		40-140	20		50
Benzo(b)fluoranthene	69		60		40-140	14		50
Benzo(k)fluoranthene	72		58		40-140	22		50
Chrysene	69		59		40-140	16		50
Acenaphthylene	70		59		40-140	17		50
Anthracene	68		57		40-140	18		50
Benzo(ghi)perylene	69		58		40-140	17		50
Fluorene	67		57		40-140	16		50
Phenanthrene	65		55		40-140	17		50
Dibenzo(a,h)anthracene	69		57		40-140	19		50
Indeno(1,2,3-cd)pyrene	68		57		40-140	18		50
Pyrene	65		55		35-142	17		50
Biphenyl	64		56		37-127	13		50
4-Chloroaniline	78		71		40-140	9		50
2-Nitroaniline	78		66		47-134	17		50
3-Nitroaniline	61		54		26-129	12		50
4-Nitroaniline	63		53		41-125	17		50
Dibenzofuran	67		57		40-140	16		50
2-Methylnaphthalene	66		57		40-140	15		50

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1514283-2 WG1514283-3								
1,2,4,5-Tetrachlorobenzene	64		55		40-117	15		50
Acetophenone	71		61		14-144	15		50
2,4,6-Trichlorophenol	70		61		30-130	14		50
p-Chloro-m-cresol	72		63		26-103	13		50
2-Chlorophenol	68		58		25-102	16		50
2,4-Dichlorophenol	75		64		30-130	16		50
2,4-Dimethylphenol	78		67		30-130	15		50
2-Nitrophenol	76		64		30-130	17		50
4-Nitrophenol	80		68		11-114	16		50
2,4-Dinitrophenol	45		40		4-130	12		50
4,6-Dinitro-o-cresol	60		52		10-130	14		50
Pentachlorophenol	54		45		17-109	18		50
Phenol	63		54		26-90	15		50
2-Methylphenol	72		62		30-130	15		50
3-Methylphenol/4-Methylphenol	80		68		30-130	16		50
2,4,5-Trichlorophenol	72		63		30-130	13		50
Carbazole	66		56		54-128	16		50
Atrazine	70		60		40-140	15		50
Benzaldehyde	61		53		40-140	14		50
Caprolactam	94		80		15-130	16		50
2,3,4,6-Tetrachlorophenol	64		55		40-140	15		50

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1514283-2 WG1514283-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		52		25-120
Phenol-d6	67		58		10-120
Nitrobenzene-d5	75		63		23-120
2-Fluorobiphenyl	67		57		30-120
2,4,6-Tribromophenol	71		59		10-136
4-Terphenyl-d14	65		54		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11,13,15-21 QC Batch ID: WG1511438-3 WG1511438-4 QC Sample: L2131407-11 Client ID: SS-1												
Perfluorobutanoic Acid (PFBA)	ND	5.79	5.66	98		5.76	98		71-135	2		30
Perfluoropentanoic Acid (PFPeA)	ND	5.79	5.35	93		5.55	95		69-132	4		30
Perfluorobutanesulfonic Acid (PFBS)	ND	5.14	5.15	100		5.31	102		72-128	3		30
Perfluorohexanoic Acid (PFHxA)	0.075J	5.79	5.50	94		5.60	94		70-132	2		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.79	5.63	97		5.76	98		71-131	2		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5.29	5.33	101		5.26	98		67-130	1		30
Perfluorooctanoic Acid (PFOA)	0.077J	5.79	5.76	98		5.95	100		69-133	3		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.51	5.60	102		5.72	103		64-140	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.51	5.30	96		5.12	92		70-132	3		30
Perfluorononanoic Acid (PFNA)	ND	5.79	5.06	87		5.18	89		72-129	2		30
Perfluorooctanesulfonic Acid (PFOS)	0.404	5.37	5.68	98		5.64	96		68-136	1		30
Perfluorodecanoic Acid (PFDA)	0.175J	5.79	5.54	93		5.69	94		69-133	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.55	6.11	110		6.39	114		65-137	4		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.79	4.68	81		4.48	77		63-144	4		30
Perfluoroundecanoic Acid (PFUnA)	0.127J	5.79	6.10	103		6.42	108		64-136	5		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.58	5.31	95		5.21	92		59-134	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.197J	5.79	4.73	78		4.99	82		61-139	5		30
Perfluorododecanoic Acid (PFDoA)	0.123J	5.79	5.87	99		6.00	100		69-135	2		30
Perfluorotridecanoic Acid (PFTTrDA)	ND	5.79	6.00	104		5.40	92		66-139	11		30
Perfluorotetradecanoic Acid (PFTA)	0.078J	5.79	6.51	111		6.24	105		69-133	4		30

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11,13,15-21 QC Batch ID: WG1511438-3 WG1511438-4 QC Sample: L2131407-11 Client ID: SS-1												

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	125		120		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		97		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		63		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		76		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113		105		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		91		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		95		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		91		78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	131		130		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	93		95		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		93		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		95		58-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		100		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		88		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	110		107		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		99		74-139

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11,13,15-21 QC Batch ID: WG1511438-3 WG1511438-4 QC Sample: L2131407-11 Client ID: SS-1												
Perfluorooctanesulfonamide (FOSA)	ND	5.79	4.87F	84		4.84	83		67-137	1		30

Surrogate (Extracted Internal Standard)	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73		86		10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 QC Batch ID: WG1512078-3 WG1512078-4 QC Sample: L2131756-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	1.24	5.54	7.01	104		6.48	100		71-135	8		30
Perfluoropentanoic Acid (PFPeA)	2.06	5.54	7.59	100		7.05	96		69-132	7		30
Perfluorobutanesulfonic Acid (PFBS)	0.355	4.92	5.46	104		5.11	102		72-128	7		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.18	5.76	111		5.61	115		62-145	3		30
Perfluorohexanoic Acid (PFHxA)	0.815	5.54	6.29	99		5.88	97		70-132	7		30
Perfluoropentanesulfonic Acid (PFPeS)	0.458J	5.21	5.78	102		5.26	98		73-123	9		30
Perfluoroheptanoic Acid (PFHpA)	0.359	5.54	6.12	104		5.67	102		71-131	8		30
Perfluorohexanesulfonic Acid (PFHxS)	5.58	5.06	11.5	117		10.1	95		67-130	13		30
Perfluorooctanoic Acid (PFOA)	1.37	5.54	7.22	106		6.53	99		69-133	10		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.03	5.27	9.76	128		8.36	107		64-140	15		30
Perfluoroheptanesulfonic Acid (PFHpS)	1.62	5.27	11.0	178	Q	10.4	177	Q	70-132	6		30
Perfluorononanoic Acid (PFNA)	3.93	5.54	9.32	97		8.79	93		72-129	6		30
Perfluorooctanesulfonic Acid (PFOS)	428E	5.14	464E	700	Q	441E	268	Q	68-136	5		30
Perfluorodecanoic Acid (PFDA)	1.98	5.54	7.78	105		7.20	100		69-133	8		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	6.07	5.32	13.2	134		11.6	110		65-137	13		30
Perfluorononanesulfonic Acid (PFNS)	ND	5.33	11.1	208	Q	10.5	209	Q	69-125	6		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.54	3.58	65		4.18	80		63-144	15		30
Perfluoroundecanoic Acid (PFUnA)	0.473J	5.54	6.46	108		6.05	107		64-136	7		30
Perfluorodecanesulfonic Acid (PFDS)	0.183J	5.34	8.88	163	Q	8.41	163	Q	59-134	5		30
Perfluorooctanesulfonamide (FOSA)	ND	5.54	5.51F	100		6.28	120		67-137	13		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.54	4.28	77		4.22	81		61-139	1		30
Perfluorododecanoic Acid (PFDoA)	0.674	5.54	6.53	106		5.82	99		69-135	11		30

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 QC Batch ID: WG1512078-3 WG1512078-4 QC Sample: L2131756-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	5.54	7.68	139		6.87	131		66-139	11		30
Perfluorotetradecanoic Acid (PFTA)	0.475J	5.54	7.29	123		6.64	118		69-133	9		30

Surrogate (Extracted Internal Standard)	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	171		180	Q	19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	117		119		14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	140		140		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		45		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		50		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		95		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86		86		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		76		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	68	Q	69	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	149	Q	154	Q	78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		94		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	50		61		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	61		63		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		79		58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	3	Q	4	Q	10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		92		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		79		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		89		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	166	Q	170	Q	74-139

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 QC Batch ID: WG1512078-3 WG1512078-4 QC Sample: L2131756-01 Client ID: MS Sample												
Perfluorooctanesulfonamide (FOSA)	0.325J	5.54	5.37	91		5.06F	91		67-137	6		30

Surrogate (Extracted Internal Standard)	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	96		104		10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 QC Batch ID: WG1512078-5 QC Sample: L2131873-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	0.038J	6.2	6.31	101	-	-	-	-	71-135	-	-	30
Perfluoropentanoic Acid (PFPeA)	ND	6.2	6.02	97	-	-	-	-	69-132	-	-	30
Perfluorobutanesulfonic Acid (PFBS)	ND	5.51	5.65	103	-	-	-	-	72-128	-	-	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.81	6.84	118	-	-	-	-	62-145	-	-	30
Perfluorohexanoic Acid (PFHxA)	0.094J	6.2	6.06	96	-	-	-	-	70-132	-	-	30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.83	5.98	103	-	-	-	-	73-123	-	-	30
Perfluoroheptanoic Acid (PFHpA)	ND	6.2	6.29	101	-	-	-	-	71-131	-	-	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5.67	5.89	104	-	-	-	-	67-130	-	-	30
Perfluorooctanoic Acid (PFOA)	0.205J	6.2	6.36	99	-	-	-	-	69-133	-	-	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.9	6.07	103	-	-	-	-	64-140	-	-	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.9	5.95	101	-	-	-	-	70-132	-	-	30
Perfluorononanoic Acid (PFNA)	ND	6.2	5.54	89	-	-	-	-	72-129	-	-	30
Perfluorooctanesulfonic Acid (PFOS)	0.275J	5.76	6.12	102	-	-	-	-	68-136	-	-	30
Perfluorodecanoic Acid (PFDA)	ND	6.2	6.22	100	-	-	-	-	69-133	-	-	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.96	7.22	121	-	-	-	-	65-137	-	-	30
Perfluorononanesulfonic Acid (PFNS)	ND	5.97	7.25	121	-	-	-	-	69-125	-	-	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	6.2	4.88	79	-	-	-	-	63-144	-	-	30
Perfluoroundecanoic Acid (PFUnA)	ND	6.2	7.00	113	-	-	-	-	64-136	-	-	30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.98	6.01	100	-	-	-	-	59-134	-	-	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	6.2	5.38	87	-	-	-	-	61-139	-	-	30
Perfluorododecanoic Acid (PFDoA)	ND	6.2	6.27	101	-	-	-	-	69-135	-	-	30
Perfluorotridecanoic Acid (PFTTrDA)	ND	6.2	7.89	127	-	-	-	-	66-139	-	-	30

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 QC Batch ID: WG1512078-5 QC Sample: L2131873-01 Client ID: MS Sample												
Perfluorotetradecanoic Acid (PFTA)	ND	6.2	8.08	130		-	-		69-133	-		30

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	115				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	78				14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60				34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96				75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95				78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	108				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	94				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	107				58-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102				79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92				75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109				72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106				74-139

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 QC Batch ID: WG1512078-5 QC Sample: L2131873-01 Client ID: MS Sample												
Perfluorooctanesulfonamide (FOSA)	ND	6.2	5.59	90		-	-		67-137	-		30

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	62				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

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 SS-1 Associated sample(s): 11 QC Batch ID: WG1514283-4 WG1514283-5 QC Sample: L2131407-11 Client ID:												
Acenaphthene	52J	1690	1400	83		1400	81		31-137	0		50
Hexachlorobenzene	ND	1690	1000	59		940	55		40-140	6		50
Bis(2-chloroethyl)ether	ND	1690	1500	89		1400	81		40-140	7		50
2-Chloronaphthalene	ND	1690	1100	65		1000	58		40-140	10		50
3,3'-Dichlorobenzidine	ND	1690	670	40		790	46		40-140	16		50
2,4-Dinitrotoluene	ND	1690	870	52		760	44		40-132	13		50
2,6-Dinitrotoluene	ND	1690	860	51		710	41		40-140	19		50
Fluoranthene	1200	1690	3400	130		2400	70		40-140	34		50
4-Chlorophenyl phenyl ether	ND	1690	1100	65		1000	58		40-140	10		50
4-Bromophenyl phenyl ether	ND	1690	1100	65		980	57		40-140	12		50
Bis(2-chloroisopropyl)ether	ND	1690	1200	71		1100	64		40-140	9		50
Bis(2-chloroethoxy)methane	ND	1690	1400	83		1300	76		40-117	7		50
Hexachlorobutadiene	ND	1690	1000	59		950	55		40-140	5		50
Hexachlorocyclopentadiene	ND	1690	ND	0	Q	ND	0	Q	40-140	NC		50
Hexachloroethane	ND	1690	950	56		820	48		40-140	15		50
Isophorone	ND	1690	1400	83		1300	76		40-140	7		50
Naphthalene	27J	1690	1400	83		1300	76		40-140	7		50
Nitrobenzene	ND	1690	1400	83		1400	81		40-140	0		50
NDPA/DPA	ND	1690	1300	77		1200	70		36-157	8		50
n-Nitrosodi-n-propylamine	ND	1690	1500	89		1400	81		32-121	7		50
Bis(2-ethylhexyl)phthalate	79J	1690	1900	110		1800	100		40-140	5		50
Butyl benzyl phthalate	ND	1690	1600	95		1400	81		40-140	13		50
Di-n-butylphthalate	ND	1690	1600	95		1500	87		40-140	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

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 SS-1 Associated sample(s): 11 QC Batch ID: WG1514283-4 WG1514283-5 QC Sample: L2131407-11 Client ID:												
Di-n-octylphthalate	ND	1690	1800	110		1700	99		40-140	6		50
Diethyl phthalate	ND	1690	1400	83		1300	76		40-140	7		50
Dimethyl phthalate	ND	1690	1100	65		1000	58		40-140	10		50
Benzo(a)anthracene	670	1690	2600	110		2000	77		40-140	26		50
Benzo(a)pyrene	700	1690	2900	130		2100	81		40-140	32		50
Benzo(b)fluoranthene	1000	1690	3000	120		2200	70		40-140	31		50
Benzo(k)fluoranthene	300	1690	2100	110		1700	81		40-140	21		50
Chrysene	680	1690	2500	110		1900	71		40-140	27		50
Acenaphthylene	35J	1690	1100	65		1000	58		40-140	10		50
Anthracene	150	1690	1600	86		1400	73		40-140	13		50
Benzo(ghi)perylene	440	1690	1700	75		1500	62		40-140	13		50
Fluorene	41J	1690	1400	83		1200	70		40-140	15		50
Phenanthrene	570	1690	2400	110		1900	77		40-140	23		50
Dibenzo(a,h)anthracene	110J	1690	1300	77		1200	70		40-140	8		50
Indeno(1,2,3-cd)pyrene	470	1690	1900	85		1600	66		40-140	17		50
Pyrene	960	1690	3000	120		2100	66		35-142	35		50
Biphenyl	ND	1690	960	57		920	54		37-127	4		50
4-Chloroaniline	ND	1690	1100	65		1100	64		40-140	0		50
2-Nitroaniline	ND	1690	1400	83		1300	76		47-134	7		50
3-Nitroaniline	ND	1690	1600	95		1500	87		26-129	6		50
4-Nitroaniline	ND	1690	1600	95		1400	81		41-125	13		50
Dibenzofuran	23J	1690	1300	77		1200	70		40-140	8		50
2-Methylnaphthalene	ND	1690	1200	71		1200	70		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

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 SS-1 Associated sample(s): 11 QC Batch ID: WG1514283-4 WG1514283-5 QC Sample: L2131407-11 Client ID:												
1,2,4,5-Tetrachlorobenzene	ND	1690	850	50		810	47		40-117	5		50
Acetophenone	ND	1690	1400	83		1400	81		14-144	0		50
2,4,6-Trichlorophenol	ND	1690	1100	65		1000	58		30-130	10		50
p-Chloro-m-cresol	ND	1690	1400	83		1400	81		26-103	0		50
2-Chlorophenol	ND	1690	1500	89		1500	87		25-102	0		50
2,4-Dichlorophenol	ND	1690	1300	77		1200	70		30-130	8		50
2,4-Dimethylphenol	ND	1690	1400	83		1400	81		30-130	0		50
2-Nitrophenol	ND	1690	790	47		640	37		30-130	21		50
4-Nitrophenol	ND	1690	1400	83		1200	70		11-114	15		50
2,4-Dinitrophenol	ND	1690	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1690	ND	0	Q	ND	0	Q	10-130	NC		50
Pentachlorophenol	ND	1690	1000	59		850	49		17-109	16		50
Phenol	ND	1690	1500	89		1500	87		26-90	0		50
2-Methylphenol	ND	1690	1400	83		1400	81		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1690	1500	89		1500	87		30-130	0		50
2,4,5-Trichlorophenol	ND	1690	1100	65		1000	58		30-130	10		50
Carbazole	100J	1690	1600	95		1500	87		54-128	6		50
Atrazine	ND	1690	1100	65		1000	58		40-140	10		50
Benzaldehyde	ND	1690	1300	77		1200	70		40-140	8		50
Caprolactam	ND	1690	890	53		870	51		15-130	2		50
2,3,4,6-Tetrachlorophenol	ND	1690	1200	71		1000	58		40-140	18		50

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

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): 11 QC Batch ID: WG1514283-4 WG1514283-5 QC Sample: L2131407-11 Client ID: SS-1												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	64		57		10-136
2-Fluorobiphenyl	51		54		30-120
2-Fluorophenol	77		77		25-120
4-Terphenyl-d14	44		53		18-120
Nitrobenzene-d5	85		80		23-120
Phenol-d6	85		82		10-120

Lab Duplicate Analysis Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 QC Batch ID: WG1512078-6 QC Sample: L2131407-09 Client ID: SB-08 (18-20')						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/g	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/g	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30

Lab Duplicate Analysis Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 QC Batch ID: WG1512078-6 QC Sample: L2131407-09 Client ID: SB-08 (18-20')						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		105		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		102		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94		92		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		95		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94		93		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	112		111		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		102		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	121		126		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66		59		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		101		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		63		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		48		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		98		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		70		24-159

PCBS

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-01
 Client ID: SB-16 (6-8')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 09:10
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 01:50
 Analyst: AWS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	3.32	1	A
Aroclor 1221	ND		ug/kg	37.4	3.75	1	A
Aroclor 1232	ND		ug/kg	37.4	7.93	1	A
Aroclor 1242	ND		ug/kg	37.4	5.04	1	A
Aroclor 1248	ND		ug/kg	37.4	5.61	1	A
Aroclor 1254	ND		ug/kg	37.4	4.09	1	A
Aroclor 1260	ND		ug/kg	37.4	6.91	1	A
Aroclor 1262	ND		ug/kg	37.4	4.75	1	A
Aroclor 1268	ND		ug/kg	37.4	3.88	1	A
PCBs, Total	ND		ug/kg	37.4	3.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02
 Client ID: SB-15 (13-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 10:40
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 01:59
 Analyst: AWS
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.39	1	A
Aroclor 1221	ND		ug/kg	38.2	3.83	1	A
Aroclor 1232	ND		ug/kg	38.2	8.10	1	A
Aroclor 1242	ND		ug/kg	38.2	5.15	1	A
Aroclor 1248	18.6	J	ug/kg	38.2	5.73	1	A
Aroclor 1254	ND		ug/kg	38.2	4.18	1	A
Aroclor 1260	ND		ug/kg	38.2	7.06	1	A
Aroclor 1262	ND		ug/kg	38.2	4.85	1	A
Aroclor 1268	ND		ug/kg	38.2	3.96	1	A
PCBs, Total	18.6	J	ug/kg	38.2	3.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	124		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-03
 Client ID: SB-14 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 02:07
 Analyst: AWS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	3.21	1	A
Aroclor 1221	ND		ug/kg	36.1	3.62	1	A
Aroclor 1232	ND		ug/kg	36.1	7.66	1	A
Aroclor 1242	ND		ug/kg	36.1	4.87	1	A
Aroclor 1248	ND		ug/kg	36.1	5.42	1	A
Aroclor 1254	ND		ug/kg	36.1	3.95	1	A
Aroclor 1260	ND		ug/kg	36.1	6.68	1	A
Aroclor 1262	ND		ug/kg	36.1	4.59	1	A
Aroclor 1268	ND		ug/kg	36.1	3.74	1	A
PCBs, Total	ND		ug/kg	36.1	3.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	120		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	124		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-04
 Client ID: SB-13 (17-19')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 12:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 02:15
 Analyst: AWS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.37	1	A
Aroclor 1221	ND		ug/kg	38.0	3.80	1	A
Aroclor 1232	ND		ug/kg	38.0	8.05	1	A
Aroclor 1242	ND		ug/kg	38.0	5.12	1	A
Aroclor 1248	23.0	J	ug/kg	38.0	5.70	1	B
Aroclor 1254	ND		ug/kg	38.0	4.15	1	A
Aroclor 1260	ND		ug/kg	38.0	7.02	1	A
Aroclor 1262	ND		ug/kg	38.0	4.82	1	A
Aroclor 1268	ND		ug/kg	38.0	3.93	1	A
PCBs, Total	23.0	J	ug/kg	38.0	3.37	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	113		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	114		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-05
 Client ID: SB-12 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 13:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 02:23
 Analyst: AWS
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.61	1	A
Aroclor 1232	ND		ug/kg	36.0	7.64	1	A
Aroclor 1242	ND		ug/kg	36.0	4.86	1	A
Aroclor 1248	ND		ug/kg	36.0	5.41	1	B
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	ND		ug/kg	36.0	6.66	1	A
Aroclor 1262	ND		ug/kg	36.0	4.58	1	A
Aroclor 1268	ND		ug/kg	36.0	3.73	1	A
PCBs, Total	ND		ug/kg	36.0	3.20	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	120		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-06
 Client ID: SB-11 (5-7')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:05
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 02:32
 Analyst: AWS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	3.30	1	A
Aroclor 1221	ND		ug/kg	37.1	3.72	1	A
Aroclor 1232	ND		ug/kg	37.1	7.87	1	A
Aroclor 1242	ND		ug/kg	37.1	5.00	1	A
Aroclor 1248	ND		ug/kg	37.1	5.57	1	A
Aroclor 1254	ND		ug/kg	37.1	4.06	1	A
Aroclor 1260	ND		ug/kg	37.1	6.86	1	A
Aroclor 1262	ND		ug/kg	37.1	4.71	1	A
Aroclor 1268	ND		ug/kg	37.1	3.84	1	A
PCBs, Total	ND		ug/kg	37.1	3.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	124		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-07
 Client ID: SB-10 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 02:40
 Analyst: AWS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	3.29	1	A
Aroclor 1221	ND		ug/kg	37.0	3.71	1	A
Aroclor 1232	ND		ug/kg	37.0	7.86	1	A
Aroclor 1242	ND		ug/kg	37.0	5.00	1	A
Aroclor 1248	ND		ug/kg	37.0	5.56	1	A
Aroclor 1254	ND		ug/kg	37.0	4.05	1	A
Aroclor 1260	ND		ug/kg	37.0	6.85	1	A
Aroclor 1262	ND		ug/kg	37.0	4.71	1	A
Aroclor 1268	ND		ug/kg	37.0	3.84	1	A
PCBs, Total	ND		ug/kg	37.0	3.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	121		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-08
 Client ID: SB-09 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:00
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 02:48
 Analyst: AWS
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.60	1	A
Aroclor 1232	ND		ug/kg	36.0	7.63	1	A
Aroclor 1242	ND		ug/kg	36.0	4.85	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	ND		ug/kg	36.0	6.65	1	A
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	ND		ug/kg	36.0	3.73	1	A
PCBs, Total	ND		ug/kg	36.0	3.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	111		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	114		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 02:57
 Analyst: AWS
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.47	1	A
Aroclor 1232	ND		ug/kg	34.7	7.35	1	A
Aroclor 1242	ND		ug/kg	34.7	4.67	1	A
Aroclor 1248	ND		ug/kg	34.7	5.20	1	A
Aroclor 1254	ND		ug/kg	34.7	3.79	1	A
Aroclor 1260	ND		ug/kg	34.7	6.41	1	A
Aroclor 1262	ND		ug/kg	34.7	4.40	1	A
Aroclor 1268	ND		ug/kg	34.7	3.59	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 08:31
 Analyst: CW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	3.18	1	A
Aroclor 1221	ND		ug/kg	35.8	3.59	1	A
Aroclor 1232	ND		ug/kg	35.8	7.59	1	A
Aroclor 1242	ND		ug/kg	35.8	4.83	1	A
Aroclor 1248	ND		ug/kg	35.8	5.37	1	B
Aroclor 1254	ND		ug/kg	35.8	3.92	1	A
Aroclor 1260	ND		ug/kg	35.8	6.62	1	A
Aroclor 1262	ND		ug/kg	35.8	4.55	1	A
Aroclor 1268	ND		ug/kg	35.8	3.71	1	A
PCBs, Total	ND		ug/kg	35.8	3.18	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/20/21 18:24
 Analyst: JAW
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 11:43
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.8	3.63	1	A
Aroclor 1221	ND		ug/kg	40.8	4.09	1	A
Aroclor 1232	ND		ug/kg	40.8	8.66	1	A
Aroclor 1242	ND		ug/kg	40.8	5.51	1	A
Aroclor 1248	ND		ug/kg	40.8	6.13	1	A
Aroclor 1254	106		ug/kg	40.8	4.47	1	B
Aroclor 1260	35.8	J	ug/kg	40.8	7.55	1	B
Aroclor 1262	ND		ug/kg	40.8	5.19	1	A
Aroclor 1268	ND		ug/kg	40.8	4.23	1	A
PCBs, Total	142	J	ug/kg	40.8	3.63	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12
 Client ID: SS-2
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:35
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 08:39
 Analyst: CW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.60	1	A
Aroclor 1232	ND		ug/kg	36.0	7.63	1	A
Aroclor 1242	ND		ug/kg	36.0	4.85	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	ND		ug/kg	36.0	6.65	1	A
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	ND		ug/kg	36.0	3.73	1	A
PCBs, Total	ND		ug/kg	36.0	3.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	113		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	118		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 08:47
 Analyst: CW
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.43	1	A
Aroclor 1221	ND		ug/kg	38.6	3.87	1	A
Aroclor 1232	ND		ug/kg	38.6	8.19	1	A
Aroclor 1242	ND		ug/kg	38.6	5.21	1	A
Aroclor 1248	ND		ug/kg	38.6	5.80	1	A
Aroclor 1254	29.7	J	ug/kg	38.6	4.23	1	B
Aroclor 1260	ND		ug/kg	38.6	7.14	1	A
Aroclor 1262	ND		ug/kg	38.6	4.91	1	A
Aroclor 1268	ND		ug/kg	38.6	4.00	1	A
PCBs, Total	29.7	J	ug/kg	38.6	3.43	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-14
 Client ID: SS-4
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:45
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 08:56
 Analyst: CW
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	3.34	1	A
Aroclor 1221	ND		ug/kg	37.6	3.77	1	A
Aroclor 1232	ND		ug/kg	37.6	7.97	1	A
Aroclor 1242	ND		ug/kg	37.6	5.07	1	A
Aroclor 1248	ND		ug/kg	37.6	5.64	1	A
Aroclor 1254	102		ug/kg	37.6	4.11	1	A
Aroclor 1260	32.4	J	ug/kg	37.6	6.95	1	A
Aroclor 1262	ND		ug/kg	37.6	4.77	1	A
Aroclor 1268	ND		ug/kg	37.6	3.90	1	A
PCBs, Total	134	J	ug/kg	37.6	3.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 09:04
 Analyst: CW
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.10	1	A
Aroclor 1221	ND		ug/kg	34.8	3.49	1	A
Aroclor 1232	ND		ug/kg	34.8	7.39	1	A
Aroclor 1242	ND		ug/kg	34.8	4.70	1	A
Aroclor 1248	ND		ug/kg	34.8	5.23	1	A
Aroclor 1254	ND		ug/kg	34.8	3.81	1	A
Aroclor 1260	ND		ug/kg	34.8	6.44	1	A
Aroclor 1262	ND		ug/kg	34.8	4.43	1	A
Aroclor 1268	ND		ug/kg	34.8	3.61	1	A
PCBs, Total	ND		ug/kg	34.8	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	111		30-150	B
Decachlorobiphenyl	130		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-16 D

Date Collected: 06/11/21 09:00

Client ID: SB-05 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8082A

Extraction Date: 06/18/21 23:55

Analytical Date: 06/21/21 13:11

Cleanup Method: EPA 3665A

Analyst: JAW

Cleanup Date: 06/20/21

Percent Solids: 88%

Cleanup Method: EPA 3660B

Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	3560	316.	100	A
Aroclor 1221	ND		ug/kg	3560	356.	100	A
Aroclor 1232	ND		ug/kg	3560	754.	100	A
Aroclor 1242	ND		ug/kg	3560	479.	100	A
Aroclor 1248	30300		ug/kg	3560	534.	100	A
Aroclor 1254	ND		ug/kg	3560	389.	100	A
Aroclor 1260	ND		ug/kg	3560	657.	100	A
Aroclor 1262	ND		ug/kg	3560	452.	100	A
Aroclor 1268	ND		ug/kg	3560	368.	100	A
PCBs, Total	30300		ug/kg	3560	316.	100	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 09:20
 Analyst: CW
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.53	1	A
Aroclor 1242	ND		ug/kg	35.5	4.79	1	A
Aroclor 1248	45.0		ug/kg	35.5	5.33	1	A
Aroclor 1254	ND		ug/kg	35.5	3.89	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	45.0		ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	120		30-150	B
Decachlorobiphenyl	127		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 09:29
 Analyst: CW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.67	1	A
Aroclor 1232	ND		ug/kg	36.7	7.77	1	A
Aroclor 1242	ND		ug/kg	36.7	4.94	1	A
Aroclor 1248	ND		ug/kg	36.7	5.50	1	A
Aroclor 1254	7.45	J	ug/kg	36.7	4.01	1	B
Aroclor 1260	ND		ug/kg	36.7	6.78	1	A
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	ND		ug/kg	36.7	3.80	1	A
PCBs, Total	7.45	J	ug/kg	36.7	3.26	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 09:37
 Analyst: CW
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	3.33	1	A
Aroclor 1221	ND		ug/kg	37.5	3.76	1	A
Aroclor 1232	ND		ug/kg	37.5	7.95	1	A
Aroclor 1242	ND		ug/kg	37.5	5.06	1	A
Aroclor 1248	ND		ug/kg	37.5	5.62	1	A
Aroclor 1254	ND		ug/kg	37.5	4.10	1	A
Aroclor 1260	ND		ug/kg	37.5	6.93	1	A
Aroclor 1262	ND		ug/kg	37.5	4.76	1	A
Aroclor 1268	ND		ug/kg	37.5	3.88	1	A
PCBs, Total	ND		ug/kg	37.5	3.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	119		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 09:45
 Analyst: CW
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.5	3.24	1	A
Aroclor 1221	ND		ug/kg	36.5	3.66	1	A
Aroclor 1232	ND		ug/kg	36.5	7.73	1	A
Aroclor 1242	ND		ug/kg	36.5	4.92	1	A
Aroclor 1248	5.59	J	ug/kg	36.5	5.47	1	A
Aroclor 1254	ND		ug/kg	36.5	3.99	1	A
Aroclor 1260	ND		ug/kg	36.5	6.74	1	A
Aroclor 1262	ND		ug/kg	36.5	4.63	1	A
Aroclor 1268	ND		ug/kg	36.5	3.78	1	A
PCBs, Total	5.59	J	ug/kg	36.5	3.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	116		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/21 09:53
 Analyst: CW
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 23:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.2	3.48	1	A
Aroclor 1221	ND		ug/kg	39.2	3.93	1	A
Aroclor 1232	ND		ug/kg	39.2	8.32	1	A
Aroclor 1242	ND		ug/kg	39.2	5.29	1	A
Aroclor 1248	ND		ug/kg	39.2	5.89	1	A
Aroclor 1254	626		ug/kg	39.2	4.29	1	B
Aroclor 1260	ND		ug/kg	39.2	7.25	1	A
Aroclor 1262	ND		ug/kg	39.2	4.98	1	A
Aroclor 1268	ND		ug/kg	39.2	4.06	1	A
PCBs, Total	626		ug/kg	39.2	3.48	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/20/21 18:03
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 06/18/21 20:31
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11 Batch: WG1514174-1						
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	6.84	A
Aroclor 1242	ND		ug/kg	32.2	4.35	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	4.10	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	71		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/21/21 01:25
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 06/18/21 23:55
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10,12-21 Batch: WG1514189-1						
Aroclor 1016	ND		ug/kg	31.9	2.83	A
Aroclor 1221	ND		ug/kg	31.9	3.19	A
Aroclor 1232	ND		ug/kg	31.9	6.76	A
Aroclor 1242	ND		ug/kg	31.9	4.30	A
Aroclor 1254	ND		ug/kg	31.9	3.49	A
Aroclor 1260	ND		ug/kg	31.9	5.89	A
Aroclor 1262	ND		ug/kg	31.9	4.05	A
Aroclor 1268	ND		ug/kg	31.9	3.30	A
Aroclor 1248	ND		ug/kg	31.9	4.78	B
PCBs, Total	ND		ug/kg	31.9	2.83	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		30-150	B
Decachlorobiphenyl	114		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11 Batch: WG1514174-2 WG1514174-3									
Aroclor 1016	87		91		40-140	4		50	A
Aroclor 1260	82		84		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		87		30-150	A
Decachlorobiphenyl	67		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		90		30-150	B
Decachlorobiphenyl	80		81		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10,12-21 Batch: WG1514189-2 WG1514189-3									
Aroclor 1016	97		106		40-140	9		50	A
Aroclor 1260	89		96		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		122		30-150	A
Decachlorobiphenyl	106		114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	116		125		30-150	B
Decachlorobiphenyl	116		123		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab SS-1 Associated sample(s): 11 QC Batch ID: WG1514174-4 WG1514174-5 QC Sample: L2131407-11 Client ID:													
Aroclor 1016	ND	268	144	54		183	70		40-140	24		50	A
Aroclor 1260	35.8J	268	147	55		172	66		40-140	16		50	B

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	54		57		30-150	A
Decachlorobiphenyl	43		49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		58		30-150	B
Decachlorobiphenyl	53		60		30-150	B

PESTICIDES

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-01
 Client ID: SB-16 (6-8')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 09:10
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 16:21
 Analyst: SDC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.334	1	A
Lindane	ND		ug/kg	0.711	0.318	1	A
Alpha-BHC	ND		ug/kg	0.711	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.647	1	A
Heptachlor	ND		ug/kg	0.853	0.382	1	A
Aldrin	ND		ug/kg	1.71	0.601	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.960	1	A
Endrin	ND		ug/kg	0.711	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.71	0.439	1	A
Dieldrin	ND		ug/kg	1.07	0.533	1	A
4,4'-DDE	ND		ug/kg	1.71	0.394	1	A
4,4'-DDD	ND		ug/kg	1.71	0.608	1	A
4,4'-DDT	ND		ug/kg	3.20	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.403	1	A
Endosulfan II	ND		ug/kg	1.71	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.711	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.96	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-01

Date Collected: 06/10/21 09:10

Client ID: SB-16 (6-8')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-01
 Client ID: SB-16 (6-8')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 09:10
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 15:55
 Analyst: AR
 Percent Solids: 89%
 Methylation Date: 06/15/21 06:20

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.6	1	A
2,4,5-T	ND		ug/kg	183	5.69	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	60		30-150	A
DCAA	56		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-02
 Client ID: SB-15 (13-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 10:40
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 16:32
 Analyst: SDC
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.803	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	ND		ug/kg	1.84	0.425	1	A
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	ND		ug/kg	3.44	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	ND		ug/kg	2.30	0.640	1	A
trans-Chlordane	ND		ug/kg	2.30	0.606	1	A
Chlordane	ND		ug/kg	15.3	6.08	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02

Date Collected: 06/10/21 10:40

Client ID: SB-15 (13-15')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-02
 Client ID: SB-15 (13-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 10:40
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 10:27
 Analyst: AR
 Percent Solids: 85%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	65		30-150	A
DCAA	63		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-03
 Client ID: SB-14 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 16:43
 Analyst: SDC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.722	0.323	1	A
Alpha-BHC	ND		ug/kg	0.722	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.657	1	A
Heptachlor	ND		ug/kg	0.866	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.610	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.974	1	A
Endrin	ND		ug/kg	0.722	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.758	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.618	1	A
4,4'-DDT	ND		ug/kg	3.25	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.579	1	A
Endosulfan sulfate	ND		ug/kg	0.722	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.09	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.572	1	A
Chlordane	ND		ug/kg	14.4	5.74	1	A

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-03

Date Collected: 06/10/21 11:30

Client ID: SB-14 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-03
 Client ID: SB-14 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 10:45
 Analyst: AR
 Percent Solids: 89%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.67	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	70		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-04
 Client ID: SB-13 (17-19')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 12:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 16:54
 Analyst: SDC
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.01	1	A
Endrin	ND		ug/kg	0.745	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.783	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-04

Date Collected: 06/10/21 12:30

Client ID: SB-13 (17-19')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-04
 Client ID: SB-13 (17-19')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 12:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 11:03
 Analyst: AR
 Percent Solids: 86%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.86	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	68		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05
 Client ID: SB-12 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 13:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 19:24
 Analyst: SDC
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	3.26	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.606	1	A
trans-Chlordane	ND		ug/kg	2.18	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05

Date Collected: 06/10/21 13:45

Client ID: SB-12 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-05
 Client ID: SB-12 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 13:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 11:22
 Analyst: AR
 Percent Solids: 90%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.69	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	67		30-150	A
DCAA	65		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-06
 Client ID: SB-11 (5-7')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:05
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 17:48
 Analyst: SDC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.334	1	A
Lindane	ND		ug/kg	0.712	0.318	1	A
Alpha-BHC	ND		ug/kg	0.712	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.854	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.601	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.961	1	A
Endrin	ND		ug/kg	0.712	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.747	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.395	1	A
4,4'-DDD	ND		ug/kg	1.71	0.609	1	A
4,4'-DDT	ND		ug/kg	3.20	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.403	1	A
Endosulfan II	ND		ug/kg	1.71	0.571	1	A
Endosulfan sulfate	ND		ug/kg	0.712	0.339	1	A
Methoxychlor	ND		ug/kg	3.20	0.996	1	A
Toxaphene	ND		ug/kg	32.0	8.96	1	A
cis-Chlordane	ND		ug/kg	2.13	0.595	1	A
trans-Chlordane	ND		ug/kg	2.13	0.564	1	A
Chlordane	ND		ug/kg	14.2	5.66	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-06

Date Collected: 06/10/21 14:05

Client ID: SB-11 (5-7')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-06
 Client ID: SB-11 (5-7')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:05
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 11:40
 Analyst: AR
 Percent Solids: 89%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.76	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	69		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07
 Client ID: SB-10 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 17:59
 Analyst: SDC
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.762	0.341	1	A
Alpha-BHC	ND		ug/kg	0.762	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.694	1	A
Heptachlor	ND		ug/kg	0.915	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.644	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.762	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.800	1	A
Endrin ketone	ND		ug/kg	1.83	0.471	1	A
Dieldrin	ND		ug/kg	1.14	0.572	1	A
4,4'-DDE	ND		ug/kg	1.83	0.423	1	A
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	ND		ug/kg	3.43	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.611	1	A
Endosulfan sulfate	ND		ug/kg	0.762	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.60	1	A
cis-Chlordane	ND		ug/kg	2.29	0.637	1	A
trans-Chlordane	ND		ug/kg	2.29	0.604	1	A
Chlordane	ND		ug/kg	15.2	6.06	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07

Date Collected: 06/10/21 14:30

Client ID: SB-10 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-07
 Client ID: SB-10 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 11:58
 Analyst: AR
 Percent Solids: 87%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.78	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	70		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-08
 Client ID: SB-09 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:00
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 18:10
 Analyst: SDC
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.949	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	3.16	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.398	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.86	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	14.0	5.59	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-08

Date Collected: 06/10/21 15:00

Client ID: SB-09 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-08
 Client ID: SB-09 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:00
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 12:35
 Analyst: AR
 Percent Solids: 90%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	70		30-150	A
DCAA	72		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 18:21
 Analyst: SDC
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.946	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.981	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09

Date Collected: 06/10/21 15:25

Client ID: SB-08 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-09
 Client ID: SB-08 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 12:53
 Analyst: AR
 Percent Solids: 95%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	173	10.9	1	A
2,4,5-T	ND		ug/kg	173	5.36	1	A
2,4,5-TP (Silvex)	ND		ug/kg	173	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	71		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 18:32
 Analyst: SDC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.715	0.320	1	A
Alpha-BHC	ND		ug/kg	0.715	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.650	1	A
Heptachlor	ND		ug/kg	0.858	0.384	1	A
Aldrin	ND		ug/kg	1.72	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.965	1	A
Endrin	ND		ug/kg	0.715	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.751	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.612	1	A
4,4'-DDT	ND		ug/kg	3.22	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.405	1	A
Endosulfan II	ND		ug/kg	1.72	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.715	0.340	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.01	1	A
cis-Chlordane	ND		ug/kg	2.14	0.598	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-10

Date Collected: 06/10/21 15:45

Client ID: SB-06 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-10
 Client ID: SB-06 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45
 Date Received: 06/10/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 13:11
 Analyst: AR
 Percent Solids: 89%
 Methylation Date: 06/14/21 19:21

Extraction Method: EPA 8151A
 Extraction Date: 06/12/21 06:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	182	11.4	1	A
2,4,5-T	ND		ug/kg	182	5.63	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	70		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 20:55
 Analyst: SDC
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 11:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.383	1	A
Lindane	ND		ug/kg	0.814	0.364	1	A
Alpha-BHC	ND		ug/kg	0.814	0.231	1	A
Beta-BHC	ND		ug/kg	1.96	0.741	1	A
Heptachlor	ND		ug/kg	0.978	0.438	1	A
Aldrin	ND		ug/kg	1.96	0.688	1	A
Heptachlor epoxide	ND		ug/kg	3.66	1.10	1	A
Endrin	ND		ug/kg	0.814	0.334	1	A
Endrin aldehyde	ND		ug/kg	2.44	0.855	1	A
Endrin ketone	ND		ug/kg	1.96	0.503	1	A
Dieldrin	ND		ug/kg	1.22	0.611	1	A
4,4'-DDE	2.50		ug/kg	1.96	0.452	1	A
4,4'-DDD	ND		ug/kg	1.96	0.697	1	A
4,4'-DDT	3.89	P	ug/kg	3.66	1.57	1	B
Endosulfan I	ND		ug/kg	1.96	0.462	1	A
Endosulfan II	ND		ug/kg	1.96	0.653	1	A
Endosulfan sulfate	ND		ug/kg	0.814	0.388	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.3	1	A
cis-Chlordane	2.85	IP	ug/kg	2.44	0.681	1	B
trans-Chlordane	3.57		ug/kg	2.44	0.645	1	B
Chlordane	35.1		ug/kg	16.3	6.48	1	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11

Date Collected: 06/11/21 07:05

Client ID: SS-1

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-11
 Client ID: SS-1
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 15:00
 Analyst: JMC
 Percent Solids: 78%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	213	13.4	1	A
2,4,5-T	ND		ug/kg	213	6.60	1	A
2,4,5-TP (Silvex)	ND		ug/kg	213	5.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	53		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12
 Client ID: SS-2
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:35
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 18:43
 Analyst: SDC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	B
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.533	1	A
4,4'-DDE	2.20		ug/kg	1.70	0.394	1	B
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	7.35		ug/kg	3.20	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.994	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	2.09	JIP	ug/kg	2.13	0.594	1	B
trans-Chlordane	2.82		ug/kg	2.13	0.562	1	A
Chlordane	25.3		ug/kg	14.2	5.64	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12

Date Collected: 06/11/21 07:35

Client ID: SS-2

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-12
 Client ID: SS-2
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:35
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 15:56
 Analyst: JMC
 Percent Solids: 89%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	185	11.7	1	A
2,4,5-T	ND		ug/kg	185	5.75	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	58		30-150	A
DCAA	53		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 18:54
 Analyst: SDC
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.774	0.346	1	A
Alpha-BHC	ND		ug/kg	0.774	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.704	1	A
Heptachlor	ND		ug/kg	0.929	0.416	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	ND		ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.774	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.813	1	A
Endrin ketone	ND		ug/kg	1.86	0.478	1	A
Dieldrin	2.70		ug/kg	1.16	0.581	1	B
4,4'-DDE	32.4		ug/kg	1.86	0.430	1	B
4,4'-DDD	2.98		ug/kg	1.86	0.663	1	A
4,4'-DDT	15.9		ug/kg	3.48	1.49	1	B
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.621	1	A
Endosulfan sulfate	ND		ug/kg	0.774	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.76	1	A
cis-Chlordane	0.916	JIP	ug/kg	2.32	0.647	1	B
trans-Chlordane	1.11	J	ug/kg	2.32	0.613	1	A
Chlordane	ND		ug/kg	15.5	6.16	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13

Date Collected: 06/11/21 07:40

Client ID: SS-3

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-13
 Client ID: SS-3
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 16:14
 Analyst: JMC
 Percent Solids: 84%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.05	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	61		30-150	A
DCAA	60		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-14
 Client ID: SS-4
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:45
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 19:05
 Analyst: SDC
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.329	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.774	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.10	0.553	1	A
4,4'-DDE	7.17		ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.631	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	2.48	IP	ug/kg	2.21	0.616	1	B
trans-Chlordane	4.24	P	ug/kg	2.21	0.584	1	B
Chlordane	ND		ug/kg	14.7	5.86	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-14

Date Collected: 06/11/21 07:45

Client ID: SS-4

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-14
 Client ID: SS-4
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:45
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 16:32
 Analyst: JMC
 Percent Solids: 86%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.85	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	65		30-150	A
DCAA	61		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 19:16
 Analyst: SDC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.944	1	A
Endrin	ND		ug/kg	0.699	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	3.14	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.14	0.978	1	A
Toxaphene	ND		ug/kg	31.4	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15

Date Collected: 06/11/21 08:30

Client ID: SB-07 (18-20')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-15
 Client ID: SB-07 (18-20')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 16:51
 Analyst: JMC
 Percent Solids: 93%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	180	11.3	1	A
2,4,5-T	ND		ug/kg	180	5.57	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	56		30-150	A
DCAA	53		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 19:27
 Analyst: SDC
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.880	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.990	1	A
Endrin	ND		ug/kg	0.733	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.770	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	ND		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	3.30	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.24	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.7	5.83	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16

Date Collected: 06/11/21 09:00

Client ID: SB-05 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-16
 Client ID: SB-05 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 17:28
 Analyst: JMC
 Percent Solids: 88%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.77	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	56		30-150	A
DCAA	55		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 19:38
 Analyst: SDC
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.997	1	A
Endrin	ND		ug/kg	0.738	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	ND		ug/kg	2.21	0.617	1	A
trans-Chlordane	ND		ug/kg	2.21	0.585	1	A
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17

Date Collected: 06/11/21 09:30

Client ID: SB-04 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-17
 Client ID: SB-04 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 17:46
 Analyst: JMC
 Percent Solids: 88%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.82	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	71		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 19:49
 Analyst: SDC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.346	1	A
Lindane	ND		ug/kg	0.735	0.329	1	A
Alpha-BHC	ND		ug/kg	0.735	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.669	1	A
Heptachlor	ND		ug/kg	0.882	0.396	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.992	1	A
Endrin	ND		ug/kg	0.735	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.772	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	B
4,4'-DDD	ND		ug/kg	1.76	0.629	1	A
4,4'-DDT	ND		ug/kg	3.31	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.417	1	A
Endosulfan II	ND		ug/kg	1.76	0.590	1	A
Endosulfan sulfate	ND		ug/kg	0.735	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.26	1	A
cis-Chlordane	ND		ug/kg	2.20	0.614	1	A
trans-Chlordane	ND		ug/kg	2.20	0.582	1	A
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-18

Date Collected: 06/11/21 09:55

Client ID: SB-03 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-18
 Client ID: SB-03 (2.5-5')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 18:04
 Analyst: JMC
 Percent Solids: 89%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.6	1	A
2,4,5-T	ND		ug/kg	183	5.68	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	60		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 20:00
 Analyst: SDC
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.735	0.328	1	A
Alpha-BHC	ND		ug/kg	0.735	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.669	1	A
Heptachlor	ND		ug/kg	0.882	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.992	1	A
Endrin	ND		ug/kg	0.735	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.772	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A
4,4'-DDD	ND		ug/kg	1.76	0.629	1	A
4,4'-DDT	ND		ug/kg	3.31	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.417	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.735	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.26	1	A
cis-Chlordane	ND		ug/kg	2.20	0.614	1	A
trans-Chlordane	ND		ug/kg	2.20	0.582	1	A
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-19

Date Collected: 06/11/21 10:15

Client ID: SB-02 (12.5-15')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-19
 Client ID: SB-02 (12.5-15')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 18:23
 Analyst: JMC
 Percent Solids: 88%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.77	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	58		30-150	A
DCAA	56		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 20:11
 Analyst: SDC
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.996	1	A
Endrin	ND		ug/kg	0.738	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.553	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	ND		ug/kg	2.21	0.617	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20

Date Collected: 06/11/21 10:40

Client ID: SB-01 (5-5.75')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-20
 Client ID: SB-01 (5-5.75')
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 18:41
 Analyst: JMC
 Percent Solids: 86%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	5.99	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	60		30-150	A
DCAA	57		30-150	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/21 20:22
 Analyst: SDC
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.379	1	A
Lindane	ND		ug/kg	0.807	0.361	1	A
Alpha-BHC	ND		ug/kg	0.807	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.735	1	A
Heptachlor	ND		ug/kg	0.969	0.434	1	A
Aldrin	ND		ug/kg	1.94	0.682	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.807	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.848	1	A
Endrin ketone	ND		ug/kg	1.94	0.499	1	A
Dieldrin	ND		ug/kg	1.21	0.606	1	A
4,4'-DDE	2.31		ug/kg	1.94	0.448	1	A
4,4'-DDD	ND		ug/kg	1.94	0.691	1	A
4,4'-DDT	4.46	P	ug/kg	3.63	1.56	1	B
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.648	1	A
Endosulfan sulfate	ND		ug/kg	0.807	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	2.71	IP	ug/kg	2.42	0.675	1	B
trans-Chlordane	3.46		ug/kg	2.42	0.639	1	B
Chlordane	32.3		ug/kg	16.1	6.42	1	B

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21

Date Collected: 06/11/21 07:30

Client ID: DUP

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**SAMPLE RESULTS**

Lab ID: L2131407-21
 Client ID: DUP
 Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30
 Date Received: 06/11/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/21 19:00
 Analyst: JMC
 Percent Solids: 81%
 Methylation Date: 06/15/21 05:48

Extraction Method: EPA 8151A
 Extraction Date: 06/13/21 00:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	203	12.8	1	A
2,4,5-T	ND		ug/kg	203	6.28	1	A
2,4,5-TP (Silvex)	ND		ug/kg	203	5.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	55		30-150	B

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/14/21 00:58
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 06/12/21 06:54

Methylation Date: 06/13/21 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1511232-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.07	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	65		30-150	A
DCAA	60		30-150	B

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/15/21 14:05
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 06/13/21 00:19

Methylation Date: 06/15/21 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 11-21 Batch: WG1511411-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.01	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	61		30-150	A
DCAA	54		30-150	B

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/19/21 15:05
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 06/18/21 18:37
Cleanup Method: EPA 3620B
Cleanup Date: 06/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG1514151-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.653	0.292	A
Alpha-BHC	ND		ug/kg	0.653	0.185	A
Beta-BHC	ND		ug/kg	1.57	0.594	A
Heptachlor	ND		ug/kg	0.784	0.351	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.653	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.362	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	2.94	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.653	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.914	A
Toxaphene	ND		ug/kg	29.4	8.23	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.517	A
Chlordane	ND		ug/kg	13.1	5.19	A

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/19/21 15:05
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 06/18/21 18:37
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG1514151-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/21/21 15:49
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 06/19/21 01:48
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10,12-21 Batch: WG1514205-1						
Delta-BHC	ND		ug/kg	1.52	0.299	A
Lindane	ND		ug/kg	0.635	0.284	A
Alpha-BHC	ND		ug/kg	0.635	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.578	A
Heptachlor	ND		ug/kg	0.762	0.342	A
Aldrin	ND		ug/kg	1.52	0.537	A
Heptachlor epoxide	ND		ug/kg	2.86	0.858	A
Endrin	ND		ug/kg	0.635	0.260	A
Endrin aldehyde	ND		ug/kg	1.90	0.667	A
Endrin ketone	ND		ug/kg	1.52	0.393	A
Dieldrin	ND		ug/kg	0.953	0.476	A
4,4'-DDE	ND		ug/kg	1.52	0.353	A
4,4'-DDD	ND		ug/kg	1.52	0.544	A
4,4'-DDT	ND		ug/kg	2.86	1.23	A
Endosulfan I	ND		ug/kg	1.52	0.360	A
Endosulfan II	ND		ug/kg	1.52	0.510	A
Endosulfan sulfate	ND		ug/kg	0.635	0.302	A
Methoxychlor	ND		ug/kg	2.86	0.889	A
Toxaphene	ND		ug/kg	28.6	8.00	A
cis-Chlordane	ND		ug/kg	1.90	0.531	A
trans-Chlordane	ND		ug/kg	1.90	0.503	A
Chlordane	ND		ug/kg	12.7	5.05	A

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/21/21 15:49
 Analyst: SDC

Extraction Method: EPA 3546
 Extraction Date: 06/19/21 01:48
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10,12-21 Batch: WG1514205-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	92		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1511232-2 WG1511232-3									
2,4-D	69		69		30-150	0		30	A
2,4,5-T	67		68		30-150	1		30	A
2,4,5-TP (Silvex)	65		65		30-150	0		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	65		66		30-150	A
DCAA	64		64		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 11-21 Batch: WG1511411-2 WG1511411-3									
2,4-D	63		71		30-150	12		30	A
2,4,5-T	62		66		30-150	6		30	A
2,4,5-TP (Silvex)	56		59		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	60		66		30-150	A
DCAA	57		61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG1514151-2 WG1514151-3									
Delta-BHC	83		84		30-150	1		30	A
Lindane	82		82		30-150	0		30	A
Alpha-BHC	84		81		30-150	4		30	A
Beta-BHC	79		81		30-150	3		30	A
Heptachlor	83		84		30-150	1		30	A
Aldrin	72		71		30-150	1		30	A
Heptachlor epoxide	75		81		30-150	8		30	A
Endrin	82		82		30-150	0		30	A
Endrin aldehyde	65		67		30-150	3		30	A
Endrin ketone	78		80		30-150	3		30	A
Dieldrin	82		82		30-150	0		30	A
4,4'-DDE	70		69		30-150	1		30	A
4,4'-DDD	83		83		30-150	0		30	A
4,4'-DDT	86		87		30-150	1		30	A
Endosulfan I	69		68		30-150	1		30	A
Endosulfan II	80		81		30-150	1		30	A
Endosulfan sulfate	69		72		30-150	4		30	A
Methoxychlor	83		81		30-150	2		30	A
cis-Chlordane	54		52		30-150	4		30	A
trans-Chlordane	87		92		30-150	6		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG1514151-2 WG1514151-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		76		30-150	A
Decachlorobiphenyl	78		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		64		30-150	B
Decachlorobiphenyl	69		65		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10,12-21 Batch: WG1514205-2 WG1514205-3									
Delta-BHC	84		78		30-150	7		30	A
Lindane	81		75		30-150	8		30	A
Alpha-BHC	84		78		30-150	7		30	A
Beta-BHC	76		72		30-150	5		30	A
Heptachlor	86		80		30-150	7		30	A
Aldrin	82		77		30-150	6		30	A
Heptachlor epoxide	81		76		30-150	6		30	A
Endrin	80		77		30-150	4		30	A
Endrin aldehyde	54		57		30-150	5		30	A
Endrin ketone	75		74		30-150	1		30	A
Dieldrin	85		82		30-150	4		30	A
4,4'-DDE	76		73		30-150	4		30	A
4,4'-DDD	81		78		30-150	4		30	A
4,4'-DDT	79		77		30-150	3		30	A
Endosulfan I	75		71		30-150	5		30	A
Endosulfan II	76		74		30-150	3		30	A
Endosulfan sulfate	54		53		30-150	2		30	A
Methoxychlor	93		91		30-150	2		30	A
cis-Chlordane	67		63		30-150	6		30	A
trans-Chlordane	84		80		30-150	5		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10,12-21 Batch: WG1514205-2 WG1514205-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		70		30-150	A
Decachlorobiphenyl	109		106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		69		30-150	B
Decachlorobiphenyl	83		80		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 11-21 QC Batch ID: WG1511411-4 WG1511411-5 QC Sample: L2131407-11 Client ID: SS-1													
2,4-D	ND	211	105J	50		128J	61		30-150	20		30	A
2,4,5-T	ND	211	104J	49		128J	61		30-150	21		30	A
2,4,5-TP (Silvex)	ND	211	98.9J	47		123J	58		30-150	22		30	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
DCAA	50		62		30-150	A
DCAA	49		61		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab SS-1 Associated sample(s): 11 QC Batch ID: WG1514151-4 WG1514151-5 QC Sample: L2131407-11 Client ID:													
Delta-BHC	ND	41.3	29.2	71		35.4	84		30-150	19		50	A
Lindane	ND	41.3	29.6	72		34.9	82		30-150	16		50	A
Alpha-BHC	ND	41.3	29.7	72		35.6	84		30-150	18		50	A
Beta-BHC	ND	41.3	23.4	57		33.6	79		30-150	36		50	A
Heptachlor	ND	41.3	30.0	73		36.0	85		30-150	18		50	A
Aldrin	ND	41.3	30.4	74		33.9	80		30-150	11		50	A
Heptachlor epoxide	ND	41.3	27.2	66		32.2	76		30-150	17		50	A
Endrin	ND	41.3	27.3	66		35.6	84		30-150	26		50	A
Endrin aldehyde	ND	41.3	16.8	41		21.2	50		30-150	23		50	A
Endrin ketone	ND	41.3	25.3	61		33.7	80		30-150	28		50	A
Dieldrin	ND	41.3	30.1	73		36.7	87		30-150	20		50	A
4,4'-DDE	2.50	41.3	27.9	62		34.3	75		30-150	21		50	A
4,4'-DDD	ND	41.3	29.0	70		34.6	82		30-150	18		50	A
4,4'-DDT	1.82J	41.3	28.0	68		35.4	84		30-150	23		50	A
Endosulfan I	ND	41.3	24.5	59		29.2	69		30-150	18		50	A
Endosulfan II	ND	41.3	25.9	63		30.6	72		30-150	17		50	A
Endosulfan sulfate	ND	41.3	18.3	44		19.7	47		30-150	7		50	A
Methoxychlor	ND	41.3	29.4	71		40.0	94		30-150	31		50	A
cis-Chlordane	5.25	41.3	26.4	51		31.7	62		30-150	18		50	A
trans-Chlordane	3.17	41.3	29.5	64		35.2	76		30-150	18		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab SS-1 Associated sample(s): 11 QC Batch ID: WG1514151-4 WG1514151-5 QC Sample: L2131407-11 Client ID:												

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	61		69		30-150	A
Decachlorobiphenyl	50		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		67		30-150	B
Decachlorobiphenyl	63		151	Q	30-150	B

METALS

Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-01

Date Collected: 06/10/21 09:10

Client ID: SB-16 (6-8')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	3200		mg/kg	8.78	2.37	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Antimony, Total	0.465	J	mg/kg	4.39	0.334	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Arsenic, Total	3.72		mg/kg	0.878	0.182	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Barium, Total	47.5		mg/kg	0.878	0.153	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Beryllium, Total	0.369	J	mg/kg	0.439	0.029	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Cadmium, Total	0.334	J	mg/kg	0.878	0.086	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Calcium, Total	1340		mg/kg	8.78	3.07	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Chromium, Total	8.10		mg/kg	0.878	0.084	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Cobalt, Total	4.66		mg/kg	1.76	0.146	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Copper, Total	4.20		mg/kg	0.878	0.226	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Iron, Total	10200		mg/kg	4.39	0.792	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Lead, Total	6.66		mg/kg	4.39	0.235	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Magnesium, Total	1420		mg/kg	8.78	1.35	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Manganese, Total	487		mg/kg	0.878	0.140	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/17/21 08:20	06/21/21 15:30	EPA 7471B	1,7471B	OU
Nickel, Total	8.23		mg/kg	2.19	0.212	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Potassium, Total	461		mg/kg	219	12.6	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.76	0.226	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.878	0.248	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Sodium, Total	45.5	J	mg/kg	176	2.76	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.76	0.276	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Vanadium, Total	10.6		mg/kg	0.878	0.178	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV
Zinc, Total	13.1		mg/kg	4.39	0.257	2	06/17/21 09:50	07/17/21 09:45	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02

Date Collected: 06/10/21 10:40

Client ID: SB-15 (13-15')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	4110		mg/kg	9.31	2.51	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.65	0.354	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Arsenic, Total	1.87		mg/kg	0.931	0.194	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Barium, Total	46.6		mg/kg	0.931	0.162	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Beryllium, Total	0.316	J	mg/kg	0.465	0.031	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Cadmium, Total	0.288	J	mg/kg	0.931	0.091	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Calcium, Total	1190		mg/kg	9.31	3.26	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Chromium, Total	7.49		mg/kg	0.931	0.089	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Cobalt, Total	5.84		mg/kg	1.86	0.154	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Copper, Total	98.5		mg/kg	0.931	0.240	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Iron, Total	8800		mg/kg	4.65	0.840	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Lead, Total	3.80	J	mg/kg	4.65	0.249	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Magnesium, Total	1960		mg/kg	9.31	1.43	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Manganese, Total	352		mg/kg	0.931	0.148	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/17/21 08:20	06/21/21 15:33	EPA 7471B	1,7471B	OU
Nickel, Total	9.25		mg/kg	2.33	0.225	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Potassium, Total	453		mg/kg	233	13.4	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.931	0.263	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Sodium, Total	105	J	mg/kg	186	2.93	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.86	0.293	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Vanadium, Total	8.81		mg/kg	0.931	0.189	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV
Zinc, Total	18.2		mg/kg	4.65	0.273	2	06/17/21 09:50	07/17/21 09:49	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-03

Date Collected: 06/10/21 11:30

Client ID: SB-14 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	3930		mg/kg	8.53	2.30	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Antimony, Total	0.376	J	mg/kg	4.27	0.324	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Arsenic, Total	4.49		mg/kg	0.853	0.178	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Barium, Total	146		mg/kg	0.853	0.148	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Beryllium, Total	0.401	J	mg/kg	0.427	0.028	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Cadmium, Total	0.427	J	mg/kg	0.853	0.084	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Calcium, Total	15100		mg/kg	8.53	2.99	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Chromium, Total	11.6		mg/kg	0.853	0.082	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Cobalt, Total	6.07		mg/kg	1.71	0.142	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Copper, Total	3.01		mg/kg	0.853	0.220	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Iron, Total	14300		mg/kg	4.27	0.771	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Lead, Total	10.1		mg/kg	4.27	0.229	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Magnesium, Total	2240		mg/kg	8.53	1.31	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Manganese, Total	614		mg/kg	0.853	0.136	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.070	0.046	1	06/17/21 08:20	06/21/21 15:37	EPA 7471B	1,7471B	OU
Nickel, Total	10.2		mg/kg	2.13	0.206	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Potassium, Total	853		mg/kg	213	12.3	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.71	0.220	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.853	0.242	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Sodium, Total	64.1	J	mg/kg	171	2.69	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.71	0.269	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Vanadium, Total	14.0		mg/kg	0.853	0.173	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV
Zinc, Total	18.0		mg/kg	4.27	0.250	2	06/17/21 09:50	07/17/21 09:53	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-04

Date Collected: 06/10/21 12:30

Client ID: SB-13 (17-19')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	7450		mg/kg	8.76	2.36	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Antimony, Total	0.342	J	mg/kg	4.38	0.333	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Arsenic, Total	3.79		mg/kg	0.876	0.182	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Barium, Total	79.5		mg/kg	0.876	0.152	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Beryllium, Total	0.534		mg/kg	0.438	0.029	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Cadmium, Total	0.482	J	mg/kg	0.876	0.086	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Calcium, Total	1640		mg/kg	8.76	3.07	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Chromium, Total	12.5		mg/kg	0.876	0.084	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Cobalt, Total	7.17		mg/kg	1.75	0.145	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Copper, Total	126		mg/kg	0.876	0.226	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Iron, Total	15100		mg/kg	4.38	0.791	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Lead, Total	8.05		mg/kg	4.38	0.235	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Magnesium, Total	3390		mg/kg	8.76	1.35	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Manganese, Total	632		mg/kg	0.876	0.139	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/17/21 08:20	06/21/21 15:40	EPA 7471B	1,7471B	OU
Nickel, Total	18.2		mg/kg	2.19	0.212	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Potassium, Total	974		mg/kg	219	12.6	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.876	0.248	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Sodium, Total	111	J	mg/kg	175	2.76	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.75	0.276	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Vanadium, Total	19.0		mg/kg	0.876	0.178	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV
Zinc, Total	27.6		mg/kg	4.38	0.257	2	06/17/21 09:50	07/17/21 09:58	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05

Date Collected: 06/10/21 13:45

Client ID: SB-12 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	7200		mg/kg	8.40	2.27	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Antimony, Total	0.554	J	mg/kg	4.20	0.319	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Arsenic, Total	8.18		mg/kg	0.840	0.175	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Barium, Total	66.5		mg/kg	0.840	0.146	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Beryllium, Total	0.756		mg/kg	0.420	0.028	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Cadmium, Total	0.487	J	mg/kg	0.840	0.082	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Calcium, Total	2870		mg/kg	8.40	2.94	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Chromium, Total	13.1		mg/kg	0.840	0.081	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Cobalt, Total	14.9		mg/kg	1.68	0.139	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Copper, Total	464		mg/kg	0.840	0.217	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Iron, Total	16400		mg/kg	4.20	0.758	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Lead, Total	7.52		mg/kg	4.20	0.225	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Magnesium, Total	5390		mg/kg	8.40	1.29	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Manganese, Total	287		mg/kg	0.840	0.134	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.070	0.046	1	06/17/21 08:20	06/21/21 15:50	EPA 7471B	1,7471B	OU
Nickel, Total	26.2		mg/kg	2.10	0.203	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Potassium, Total	670		mg/kg	210	12.1	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.68	0.217	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.840	0.238	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Sodium, Total	58.8	J	mg/kg	168	2.64	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.68	0.264	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Vanadium, Total	13.9		mg/kg	0.840	0.170	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV
Zinc, Total	46.4		mg/kg	4.20	0.246	2	06/17/21 09:50	07/17/21 10:02	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-06

Date Collected: 06/10/21 14:05

Client ID: SB-11 (5-7')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	4140		mg/kg	8.50	2.29	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Antimony, Total	0.416	J	mg/kg	4.25	0.323	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Arsenic, Total	3.23		mg/kg	0.850	0.177	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Barium, Total	33.2		mg/kg	0.850	0.148	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Beryllium, Total	0.348	J	mg/kg	0.425	0.028	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Cadmium, Total	0.476	J	mg/kg	0.850	0.083	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Calcium, Total	633		mg/kg	8.50	2.97	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Chromium, Total	7.86		mg/kg	0.850	0.082	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Cobalt, Total	5.01		mg/kg	1.70	0.141	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Copper, Total	142		mg/kg	0.850	0.219	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Iron, Total	11000		mg/kg	4.25	0.767	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Lead, Total	7.87		mg/kg	4.25	0.228	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Magnesium, Total	2230		mg/kg	8.50	1.31	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Manganese, Total	217		mg/kg	0.850	0.135	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/17/21 08:20	06/21/21 15:53	EPA 7471B	1,7471B	OU
Nickel, Total	10.3		mg/kg	2.12	0.206	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Potassium, Total	414		mg/kg	212	12.2	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.70	0.219	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.850	0.240	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Sodium, Total	91.0	J	mg/kg	170	2.68	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.70	0.268	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Vanadium, Total	10.2		mg/kg	0.850	0.172	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV
Zinc, Total	20.1		mg/kg	4.25	0.249	2	06/17/21 09:50	07/17/21 10:06	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07

Date Collected: 06/10/21 14:30

Client ID: SB-10 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	6480		mg/kg	8.94	2.42	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Antimony, Total	0.707	J	mg/kg	4.47	0.340	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Arsenic, Total	5.38		mg/kg	0.894	0.186	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Barium, Total	214		mg/kg	0.894	0.156	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Beryllium, Total	1.06		mg/kg	0.447	0.030	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Cadmium, Total	0.841	J	mg/kg	0.894	0.088	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Calcium, Total	30700		mg/kg	8.94	3.13	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Chromium, Total	17.4		mg/kg	0.894	0.086	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Cobalt, Total	12.0		mg/kg	1.79	0.148	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Copper, Total	4.76		mg/kg	0.894	0.231	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Iron, Total	23700		mg/kg	4.47	0.808	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Lead, Total	15.2		mg/kg	4.47	0.240	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Magnesium, Total	4370		mg/kg	8.94	1.38	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Manganese, Total	667		mg/kg	0.894	0.142	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/17/21 08:20	06/21/21 15:56	EPA 7471B	1,7471B	OU
Nickel, Total	23.6		mg/kg	2.24	0.216	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Potassium, Total	1830		mg/kg	224	12.9	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.894	0.253	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Sodium, Total	130	J	mg/kg	179	2.82	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.79	0.282	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Vanadium, Total	24.0		mg/kg	0.894	0.182	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV
Zinc, Total	33.6		mg/kg	4.47	0.262	2	06/17/21 09:50	07/17/21 10:11	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-08

Date Collected: 06/10/21 15:00

Client ID: SB-09 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	5260		mg/kg	8.68	2.34	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Antimony, Total	0.573	J	mg/kg	4.34	0.330	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Arsenic, Total	4.42		mg/kg	0.868	0.180	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Barium, Total	130		mg/kg	0.868	0.151	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Beryllium, Total	0.703		mg/kg	0.434	0.029	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Cadmium, Total	0.625	J	mg/kg	0.868	0.085	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Calcium, Total	15500		mg/kg	8.68	3.04	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Chromium, Total	14.2		mg/kg	0.868	0.083	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Cobalt, Total	7.34		mg/kg	1.74	0.144	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Copper, Total	5.38		mg/kg	0.868	0.224	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Iron, Total	19400		mg/kg	4.34	0.783	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Lead, Total	12.4		mg/kg	4.34	0.232	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Magnesium, Total	2980		mg/kg	8.68	1.34	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Manganese, Total	418		mg/kg	0.868	0.138	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/17/21 08:20	06/21/21 16:00	EPA 7471B	1,7471B	OU
Nickel, Total	14.6		mg/kg	2.17	0.210	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Potassium, Total	1630		mg/kg	217	12.5	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.74	0.224	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.868	0.246	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Sodium, Total	82.6	J	mg/kg	174	2.73	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.74	0.273	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Vanadium, Total	19.2		mg/kg	0.868	0.176	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV
Zinc, Total	23.6		mg/kg	4.34	0.254	2	06/17/21 09:50	07/17/21 10:15	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09

Date Collected: 06/10/21 15:25

Client ID: SB-08 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2560		mg/kg	8.05	2.17	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Antimony, Total	0.467	J	mg/kg	4.02	0.306	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Arsenic, Total	3.89		mg/kg	0.805	0.167	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Barium, Total	73.6		mg/kg	0.805	0.140	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Beryllium, Total	0.314	J	mg/kg	0.402	0.027	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Cadmium, Total	0.394	J	mg/kg	0.805	0.079	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Calcium, Total	2720		mg/kg	8.05	2.82	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Chromium, Total	7.60		mg/kg	0.805	0.077	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Cobalt, Total	2.84		mg/kg	1.61	0.134	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Copper, Total	3.84		mg/kg	0.805	0.208	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Iron, Total	13100		mg/kg	4.02	0.726	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Lead, Total	7.08		mg/kg	4.02	0.216	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Magnesium, Total	1180		mg/kg	8.05	1.24	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Manganese, Total	293		mg/kg	0.805	0.128	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.066	0.043	1	06/17/21 08:20	06/21/21 16:03	EPA 7471B	1,7471B	OU
Nickel, Total	5.50		mg/kg	2.01	0.195	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Potassium, Total	718		mg/kg	201	11.6	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.61	0.208	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.805	0.228	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Sodium, Total	55.2	J	mg/kg	161	2.53	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.61	0.253	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Vanadium, Total	12.2		mg/kg	0.805	0.163	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV
Zinc, Total	9.40		mg/kg	4.02	0.236	2	06/17/21 09:50	07/17/21 10:36	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10

Date Collected: 06/10/21 15:45

Client ID: SB-06 (18-20')

Date Received: 06/10/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	931		mg/kg	8.67	2.34	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.34	0.330	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Arsenic, Total	4.88		mg/kg	0.867	0.180	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Barium, Total	18.5		mg/kg	0.867	0.151	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Beryllium, Total	0.069	J	mg/kg	0.434	0.029	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Cadmium, Total	0.130	J	mg/kg	0.867	0.085	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Calcium, Total	1480		mg/kg	8.67	3.04	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Chromium, Total	4.80		mg/kg	0.867	0.083	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Cobalt, Total	1.01	J	mg/kg	1.73	0.144	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Copper, Total	5.25		mg/kg	0.867	0.224	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Iron, Total	4190		mg/kg	4.34	0.783	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Lead, Total	1.74	J	mg/kg	4.34	0.232	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Magnesium, Total	407		mg/kg	8.67	1.34	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Manganese, Total	86.5		mg/kg	0.867	0.138	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/17/21 08:20	06/21/21 16:06	EPA 7471B	1,7471B	OU
Nickel, Total	1.62	J	mg/kg	2.17	0.210	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Potassium, Total	344		mg/kg	217	12.5	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.73	0.224	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.867	0.245	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Sodium, Total	67.3	J	mg/kg	173	2.73	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.73	0.273	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Vanadium, Total	5.47		mg/kg	0.867	0.176	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV
Zinc, Total	3.98	J	mg/kg	4.34	0.254	2	06/17/21 09:50	07/17/21 10:40	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11

Date Collected: 06/11/21 07:05

Client ID: SS-1

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	7730		mg/kg	9.84	2.66	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.92	0.374	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Arsenic, Total	3.61		mg/kg	0.984	0.205	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Barium, Total	89.1		mg/kg	0.984	0.171	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Beryllium, Total	0.256	J	mg/kg	0.492	0.033	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Cadmium, Total	0.522	J	mg/kg	0.984	0.096	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Calcium, Total	34900		mg/kg	9.84	3.44	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Chromium, Total	12.8		mg/kg	0.984	0.095	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Cobalt, Total	4.69		mg/kg	1.97	0.163	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Copper, Total	31.0		mg/kg	0.984	0.254	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Iron, Total	12300		mg/kg	4.92	0.889	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Lead, Total	44.0		mg/kg	4.92	0.264	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Magnesium, Total	6400		mg/kg	9.84	1.52	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Manganese, Total	256		mg/kg	0.984	0.156	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.081	0.053	1	06/17/21 08:20	06/21/21 15:17	EPA 7471B	1,7471B	OU
Nickel, Total	11.9		mg/kg	2.46	0.238	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Potassium, Total	737		mg/kg	246	14.2	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.97	0.254	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.984	0.278	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Sodium, Total	761		mg/kg	197	3.10	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.97	0.310	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Vanadium, Total	25.7		mg/kg	0.984	0.200	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV
Zinc, Total	111		mg/kg	4.92	0.288	2	06/17/21 09:50	07/17/21 09:06	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12

Date Collected: 06/11/21 07:35

Client ID: SS-2

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	8010		mg/kg	8.46	2.28	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.23	0.321	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Arsenic, Total	5.25		mg/kg	0.846	0.176	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Barium, Total	110		mg/kg	0.846	0.147	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Beryllium, Total	0.211	J	mg/kg	0.423	0.028	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Cadmium, Total	0.440	J	mg/kg	0.846	0.083	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Calcium, Total	36000		mg/kg	8.46	2.96	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Chromium, Total	11.0		mg/kg	0.846	0.081	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Cobalt, Total	5.55		mg/kg	1.69	0.140	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Copper, Total	22.3		mg/kg	0.846	0.218	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Iron, Total	11000		mg/kg	4.23	0.764	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Lead, Total	52.1		mg/kg	4.23	0.227	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Magnesium, Total	6220		mg/kg	8.46	1.30	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Manganese, Total	173		mg/kg	0.846	0.134	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/17/21 08:20	06/21/21 16:10	EPA 7471B	1,7471B	OU
Nickel, Total	13.2		mg/kg	2.11	0.205	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Potassium, Total	827		mg/kg	211	12.2	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.846	0.239	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Sodium, Total	659		mg/kg	169	2.66	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Vanadium, Total	31.7		mg/kg	0.846	0.172	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV
Zinc, Total	130		mg/kg	4.23	0.248	2	06/17/21 09:50	07/17/21 10:45	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13

Date Collected: 06/11/21 07:40

Client ID: SS-3

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	8800		mg/kg	9.19	2.48	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Antimony, Total	0.386	J	mg/kg	4.59	0.349	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Arsenic, Total	3.91		mg/kg	0.919	0.191	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Barium, Total	70.4		mg/kg	0.919	0.160	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Beryllium, Total	0.404	J	mg/kg	0.459	0.030	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Cadmium, Total	0.551	J	mg/kg	0.919	0.090	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Calcium, Total	1790		mg/kg	9.19	3.22	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Chromium, Total	16.7		mg/kg	0.919	0.088	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Cobalt, Total	6.76		mg/kg	1.84	0.152	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Copper, Total	22.9		mg/kg	0.919	0.237	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Iron, Total	13100		mg/kg	4.59	0.830	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Lead, Total	25.6		mg/kg	4.59	0.246	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Magnesium, Total	2260		mg/kg	9.19	1.41	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Manganese, Total	354		mg/kg	0.919	0.146	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Mercury, Total	0.053	J	mg/kg	0.075	0.049	1	06/17/21 08:20	06/21/21 16:13	EPA 7471B	1,7471B	OU
Nickel, Total	12.6		mg/kg	2.30	0.222	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Potassium, Total	502		mg/kg	230	13.2	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.84	0.237	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.919	0.260	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Sodium, Total	109	J	mg/kg	184	2.89	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.84	0.289	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Vanadium, Total	23.8		mg/kg	0.919	0.186	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV
Zinc, Total	65.4		mg/kg	4.59	0.269	2	06/17/21 09:50	07/17/21 10:49	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-14

Date Collected: 06/11/21 07:45

Client ID: SS-4

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	7220		mg/kg	9.02	2.43	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Antimony, Total	0.649	J	mg/kg	4.51	0.343	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Arsenic, Total	3.61		mg/kg	0.902	0.188	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Barium, Total	70.2		mg/kg	0.902	0.157	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Beryllium, Total	0.370	J	mg/kg	0.451	0.030	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Cadmium, Total	0.640	J	mg/kg	0.902	0.088	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Calcium, Total	2770		mg/kg	9.02	3.16	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Chromium, Total	47.0		mg/kg	0.902	0.087	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Cobalt, Total	8.22		mg/kg	1.80	0.150	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Copper, Total	53.1		mg/kg	0.902	0.233	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Iron, Total	14400		mg/kg	4.51	0.814	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Lead, Total	24.1		mg/kg	4.51	0.242	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Magnesium, Total	2860		mg/kg	9.02	1.39	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Manganese, Total	328		mg/kg	0.902	0.143	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/17/21 08:20	06/21/21 16:16	EPA 7471B	1,7471B	OU
Nickel, Total	15.1		mg/kg	2.25	0.218	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Potassium, Total	592		mg/kg	225	13.0	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.80	0.233	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.902	0.255	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Sodium, Total	1320		mg/kg	180	2.84	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.80	0.284	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Vanadium, Total	30.8		mg/kg	0.902	0.183	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV
Zinc, Total	107		mg/kg	4.51	0.264	2	06/17/21 09:50	07/17/21 10:53	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15

Date Collected: 06/11/21 08:30

Client ID: SB-07 (18-20')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4770		mg/kg	8.29	2.24	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Antimony, Total	0.556	J	mg/kg	4.15	0.315	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Arsenic, Total	4.50		mg/kg	0.829	0.172	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Barium, Total	82.4		mg/kg	0.829	0.144	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Beryllium, Total	0.531		mg/kg	0.415	0.027	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Cadmium, Total	0.531	J	mg/kg	0.829	0.081	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Calcium, Total	15900		mg/kg	8.29	2.90	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Chromium, Total	11.6		mg/kg	0.829	0.080	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Cobalt, Total	7.26		mg/kg	1.66	0.138	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Copper, Total	72.3		mg/kg	0.829	0.214	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Iron, Total	16000		mg/kg	4.15	0.749	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Lead, Total	11.3		mg/kg	4.15	0.222	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Magnesium, Total	2960		mg/kg	8.29	1.28	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Manganese, Total	454		mg/kg	0.829	0.132	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.068	0.044	1	06/17/21 08:20	06/21/21 16:19	EPA 7471B	1,7471B	OU
Nickel, Total	14.6		mg/kg	2.07	0.201	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Potassium, Total	1260		mg/kg	207	11.9	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.66	0.214	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.829	0.235	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Sodium, Total	91.9	J	mg/kg	166	2.61	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.66	0.261	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Vanadium, Total	16.7		mg/kg	0.829	0.168	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV
Zinc, Total	24.6		mg/kg	4.15	0.243	2	06/17/21 09:50	07/17/21 10:58	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16

Date Collected: 06/11/21 09:00

Client ID: SB-05 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	5260		mg/kg	8.52	2.30	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	42.6	3.24	20	06/17/21 09:50	07/20/21 10:14	EPA 3050B	1,6010D	GD
Arsenic, Total	13.2		mg/kg	0.852	0.177	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Barium, Total	67.2		mg/kg	0.852	0.148	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Beryllium, Total	ND		mg/kg	4.26	0.281	20	06/17/21 09:50	07/20/21 10:14	EPA 3050B	1,6010D	GD
Cadmium, Total	3.00		mg/kg	0.852	0.083	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Calcium, Total	3190		mg/kg	8.52	2.98	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Chromium, Total	3420		mg/kg	0.852	0.082	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Cobalt, Total	232		mg/kg	1.70	0.141	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Copper, Total	118		mg/kg	0.852	0.220	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Iron, Total	81900		mg/kg	42.6	7.69	20	06/17/21 09:50	07/20/21 10:14	EPA 3050B	1,6010D	GD
Lead, Total	27.7		mg/kg	4.26	0.228	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Magnesium, Total	2020		mg/kg	8.52	1.31	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Manganese, Total	480		mg/kg	0.852	0.135	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/17/21 08:20	06/21/21 16:29	EPA 7471B	1,7471B	OU
Nickel, Total	663		mg/kg	2.13	0.206	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Potassium, Total	525		mg/kg	213	12.3	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.70	0.220	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Silver, Total	1.51		mg/kg	0.852	0.241	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Sodium, Total	281		mg/kg	170	2.68	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	17.0	2.68	20	06/17/21 09:50	07/20/21 10:14	EPA 3050B	1,6010D	GD
Vanadium, Total	140		mg/kg	0.852	0.173	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV
Zinc, Total	115		mg/kg	4.26	0.249	2	06/17/21 09:50	07/17/21 11:02	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17

Date Collected: 06/11/21 09:30

Client ID: SB-04 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	11300		mg/kg	8.78	2.37	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.39	0.334	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Arsenic, Total	3.31		mg/kg	0.878	0.183	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Barium, Total	57.7		mg/kg	0.878	0.153	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Beryllium, Total	0.527		mg/kg	0.439	0.029	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Cadmium, Total	0.483	J	mg/kg	0.878	0.086	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Calcium, Total	1230		mg/kg	8.78	3.07	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Chromium, Total	21.7		mg/kg	0.878	0.084	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Cobalt, Total	109		mg/kg	1.76	0.146	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Copper, Total	47.3		mg/kg	0.878	0.226	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Iron, Total	15900		mg/kg	4.39	0.793	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Lead, Total	8.23		mg/kg	4.39	0.235	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Magnesium, Total	4390		mg/kg	8.78	1.35	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Manganese, Total	858		mg/kg	0.878	0.140	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/17/21 08:20	06/21/21 16:33	EPA 7471B	1,7471B	OU
Nickel, Total	16.0		mg/kg	2.19	0.212	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Potassium, Total	797		mg/kg	219	12.6	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.76	0.226	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.878	0.248	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Sodium, Total	103	J	mg/kg	176	2.76	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.76	0.276	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Vanadium, Total	27.6		mg/kg	0.878	0.178	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV
Zinc, Total	38.1		mg/kg	4.39	0.257	2	06/17/21 09:50	07/17/21 11:06	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-18

Date Collected: 06/11/21 09:55

Client ID: SB-03 (2.5-5')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	11400		mg/kg	8.81	2.38	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.41	0.335	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Arsenic, Total	3.08		mg/kg	0.881	0.183	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Barium, Total	87.8		mg/kg	0.881	0.153	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Beryllium, Total	0.555		mg/kg	0.441	0.029	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Cadmium, Total	0.467	J	mg/kg	0.881	0.086	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Calcium, Total	518		mg/kg	8.81	3.08	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Chromium, Total	21.2		mg/kg	0.881	0.085	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Cobalt, Total	8.06		mg/kg	1.76	0.146	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Copper, Total	25.4		mg/kg	0.881	0.227	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Iron, Total	15300		mg/kg	4.41	0.796	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Lead, Total	8.03		mg/kg	4.41	0.236	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Magnesium, Total	4060		mg/kg	8.81	1.36	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Manganese, Total	533		mg/kg	0.881	0.140	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/17/21 08:20	06/21/21 16:36	EPA 7471B	1,7471B	OU
Nickel, Total	15.6		mg/kg	2.20	0.213	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Potassium, Total	550		mg/kg	220	12.7	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.881	0.249	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Sodium, Total	143	J	mg/kg	176	2.78	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.76	0.278	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Vanadium, Total	29.8		mg/kg	0.881	0.179	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV
Zinc, Total	42.8		mg/kg	4.41	0.258	2	06/17/21 09:50	07/17/21 11:11	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-19

Date Collected: 06/11/21 10:15

Client ID: SB-02 (12.5-15')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	9820		mg/kg	8.74	2.36	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.37	0.332	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Arsenic, Total	3.74		mg/kg	0.874	0.182	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Barium, Total	54.0		mg/kg	0.874	0.152	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Beryllium, Total	0.665		mg/kg	0.437	0.029	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Cadmium, Total	0.577	J	mg/kg	0.874	0.086	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Calcium, Total	1280		mg/kg	8.74	3.06	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Chromium, Total	21.7		mg/kg	0.874	0.084	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Cobalt, Total	49.5		mg/kg	1.75	0.145	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Copper, Total	26.8		mg/kg	0.874	0.226	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Iron, Total	17400		mg/kg	4.37	0.790	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Lead, Total	8.70		mg/kg	4.37	0.234	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Magnesium, Total	5540		mg/kg	8.74	1.35	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Manganese, Total	654		mg/kg	0.874	0.139	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/17/21 08:20	06/21/21 16:39	EPA 7471B	1,7471B	OU
Nickel, Total	20.0		mg/kg	2.19	0.212	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Potassium, Total	1080		mg/kg	219	12.6	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.874	0.247	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Sodium, Total	73.7	J	mg/kg	175	2.75	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.75	0.275	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Vanadium, Total	30.7		mg/kg	0.874	0.178	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV
Zinc, Total	49.3		mg/kg	4.37	0.256	2	06/17/21 09:50	07/17/21 11:15	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20

Date Collected: 06/11/21 10:40

Client ID: SB-01 (5-5.75')

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	6530		mg/kg	9.00	2.43	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Antimony, Total	0.945	J	mg/kg	4.50	0.342	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Arsenic, Total	8.07		mg/kg	0.900	0.187	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Barium, Total	75.6		mg/kg	0.900	0.156	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Beryllium, Total	0.684		mg/kg	0.450	0.030	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Cadmium, Total	0.765	J	mg/kg	0.900	0.088	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Calcium, Total	1900		mg/kg	9.00	3.15	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Chromium, Total	18.9		mg/kg	0.900	0.086	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Cobalt, Total	18.0		mg/kg	1.80	0.149	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Copper, Total	4.94		mg/kg	0.900	0.232	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Iron, Total	29600		mg/kg	45.0	8.12	20	06/17/21 09:50	07/20/21 10:19	EPA 3050B	1,6010D	GD
Lead, Total	14.1		mg/kg	4.50	0.241	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Magnesium, Total	3900		mg/kg	9.00	1.38	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Manganese, Total	768		mg/kg	9.00	1.43	20	06/17/21 09:50	07/20/21 10:19	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/17/21 08:20	06/21/21 16:43	EPA 7471B	1,7471B	OU
Nickel, Total	18.2		mg/kg	2.25	0.218	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Potassium, Total	2270		mg/kg	2250	130.	20	06/17/21 09:50	07/20/21 10:19	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.900	0.254	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Sodium, Total	77.6	J	mg/kg	1800	28.3	20	06/17/21 09:50	07/20/21 10:19	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.80	0.283	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Vanadium, Total	25.2		mg/kg	0.900	0.183	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV
Zinc, Total	33.0		mg/kg	4.50	0.264	2	06/17/21 09:50	07/17/21 12:01	EPA 3050B	1,6010D	SV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21

Date Collected: 06/11/21 07:30

Client ID: DUP

Date Received: 06/11/21

Sample Location: WEST NYACK, NY

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											
Aluminum, Total	3940		mg/kg	9.47	2.56	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.74	0.360	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Arsenic, Total	1.64		mg/kg	0.947	0.197	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Barium, Total	52.9		mg/kg	0.947	0.165	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Beryllium, Total	0.189	J	mg/kg	0.474	0.031	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Cadmium, Total	0.180	J	mg/kg	0.947	0.093	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Calcium, Total	18600		mg/kg	9.47	3.32	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Chromium, Total	7.39		mg/kg	0.947	0.091	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Cobalt, Total	2.78		mg/kg	1.89	0.157	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Copper, Total	12.2		mg/kg	0.947	0.244	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Iron, Total	6050		mg/kg	4.74	0.856	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Lead, Total	16.9		mg/kg	4.74	0.254	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Magnesium, Total	2270		mg/kg	9.47	1.46	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Manganese, Total	129		mg/kg	0.947	0.151	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.079	0.051	1	06/17/21 09:03	06/22/21 10:54	EPA 7471B	1,7471B	OU
Nickel, Total	6.13		mg/kg	2.37	0.229	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Potassium, Total	491		mg/kg	237	13.6	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.89	0.244	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.947	0.268	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Sodium, Total	276		mg/kg	189	2.98	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.89	0.298	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Vanadium, Total	12.5		mg/kg	0.947	0.192	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV
Zinc, Total	39.6		mg/kg	4.74	0.278	2	06/17/21 09:03	06/18/21 19:20	EPA 3050B	1,6010D	BV



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1512998-1										
Aluminum, Total	1.14	J	mg/kg	4.00	1.08	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Arsenic, Total	0.116	J	mg/kg	0.400	0.083	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Chromium, Total	0.052	J	mg/kg	0.400	0.038	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Iron, Total	1.22	J	mg/kg	2.00	0.361	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Manganese, Total	0.076	J	mg/kg	0.400	0.064	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Sodium, Total	6.42	J	mg/kg	80.0	1.26	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/17/21 09:50	07/17/21 09:36	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1513002-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/17/21 08:20	06/21/21 15:10	1,7471B	OU



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21 Batch: WG1513030-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Iron, Total	0.628	J	mg/kg	2.00	0.361	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Manganese, Total	0.076	J	mg/kg	0.400	0.064	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Sodium, Total	3.68	J	mg/kg	80.0	1.26	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD
Zinc, Total	0.292	J	mg/kg	2.00	0.117	1	06/17/21 09:03	06/18/21 13:49	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B



Project Name: CHROMALLOY

Lab Number: L2131407

Project Number: 1902732021

Report Date: 07/20/21

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): 21 Batch: WG1513032-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/17/21 09:03	06/22/21 10:18	1,7471B	OU

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1512998-2 SRM Lot Number: D109-540								
Aluminum, Total	70		-		50-150	-		
Antimony, Total	107		-		19-250	-		
Arsenic, Total	96		-		70-130	-		
Barium, Total	91		-		75-125	-		
Beryllium, Total	99		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Calcium, Total	93		-		73-128	-		
Chromium, Total	93		-		70-130	-		
Cobalt, Total	98		-		75-125	-		
Copper, Total	90		-		75-125	-		
Iron, Total	85		-		35-165	-		
Lead, Total	91		-		72-128	-		
Magnesium, Total	85		-		62-138	-		
Manganese, Total	86		-		74-126	-		
Nickel, Total	98		-		70-130	-		
Potassium, Total	85		-		59-141	-		
Selenium, Total	99		-		68-132	-		
Silver, Total	92		-		68-131	-		
Sodium, Total	83		-		35-165	-		
Thallium, Total	93		-		68-131	-		
Vanadium, Total	90		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1512998-2 SRM Lot Number: D109-540					
Zinc, Total	94	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1513002-2 SRM Lot Number: D109-540					
Mercury, Total	80	-	60-140	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21 Batch: WG1513030-2 SRM Lot Number: D109-540					
Aluminum, Total	66	-	50-150	-	
Antimony, Total	169	-	19-250	-	
Arsenic, Total	99	-	70-130	-	
Barium, Total	88	-	75-125	-	
Beryllium, Total	91	-	75-125	-	
Cadmium, Total	103	-	75-125	-	
Calcium, Total	87	-	73-128	-	
Chromium, Total	93	-	70-130	-	
Cobalt, Total	101	-	75-125	-	
Copper, Total	88	-	75-125	-	
Iron, Total	87	-	35-165	-	
Lead, Total	95	-	72-128	-	
Magnesium, Total	85	-	62-138	-	
Manganese, Total	88	-	74-126	-	
Nickel, Total	100	-	70-130	-	
Potassium, Total	79	-	59-141	-	
Selenium, Total	102	-	68-132	-	
Silver, Total	90	-	68-131	-	
Sodium, Total	97	-	35-165	-	
Thallium, Total	102	-	68-131	-	
Vanadium, Total	92	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21 Batch: WG1513030-2 SRM Lot Number: D109-540					
Zinc, Total	96	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 21 Batch: WG1513032-2 SRM Lot Number: D109-540					
Mercury, Total	75	-	60-140	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1512998-3 WG1512998-4 QC Sample: L2131407-11 Client ID: SS-1												
Aluminum, Total	7730	197	7870	71	Q	10000	1140	Q	75-125	24	Q	20
Antimony, Total	ND	49.2	35.3	72	Q	39.6	80		75-125	11		20
Arsenic, Total	3.61	11.8	16.0	105		14.9	95		75-125	7		20
Barium, Total	89.1	197	276	95		289	101		75-125	5		20
Beryllium, Total	0.256J	4.92	4.95	100		5.27	106		75-125	6		20
Cadmium, Total	0.522J	5.22	5.46	104		6.36	121		75-125	15		20
Calcium, Total	34900	985	36900	203	Q	27100	0	Q	75-125	31	Q	20
Chromium, Total	12.8	19.7	29.6	85		33.2	103		75-125	11		20
Cobalt, Total	4.69	49.2	50.7	93		54.9	101		75-125	8		20
Copper, Total	31.0	24.6	71.8	166	Q	73.3	170	Q	75-125	2		20
Iron, Total	12300	98.5	15800	3550	Q	36600	24500	Q	75-125	79	Q	20
Lead, Total	44.0	52.2	82.4	74	Q	82.9	74	Q	75-125	1		20
Magnesium, Total	6400	985	8520	215	Q	5420	0	Q	75-125	44	Q	20
Manganese, Total	256	49.2	296	81		343	175	Q	75-125	15		20
Nickel, Total	11.9	49.2	55.2	88		60.8	98		75-125	10		20
Potassium, Total	737	985	1750	103		2250	152	Q	75-125	25	Q	20
Selenium, Total	ND	11.8	9.81	83		9.31	78		75-125	5		20
Silver, Total	ND	29.5	28.8	97		30.1	101		75-125	4		20
Sodium, Total	761	985	1660	91		1840	109		75-125	10		20
Thallium, Total	ND	11.8	9.46	80		9.86	83		75-125	4		20
Vanadium, Total	25.7	49.2	74.5	99		79.5	108		75-125	6		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

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): 01-20			QC Batch ID: WG1512998-3		WG1512998-4	QC Sample: L2131407-11		Client ID: SS-1			
Zinc, Total	111	49.2	140	59	Q	145	68	Q	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 01-20			QC Batch ID: WG1513002-3		WG1513002-4	QC Sample: L2131407-11		Client ID: SS-1			
Mercury, Total	ND	0.162	0.231	142	Q	0.208	128	Q	80-120	10	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1513030-3 QC Sample: L2131847-01 Client ID: MS Sample									
Aluminum, Total	3020	168	4000	582	Q	-	75-125	-	20
Antimony, Total	ND	42.1	39.1	93		-	75-125	-	20
Arsenic, Total	1.60	10.1	12.3	106		-	75-125	-	20
Barium, Total	29.1	168	197	100		-	75-125	-	20
Beryllium, Total	0.229J	4.21	4.41	105		-	75-125	-	20
Cadmium, Total	0.255J	4.3	4.52	105		-	75-125	-	20
Calcium, Total	1390	842	2320	110		-	75-125	-	20
Chromium, Total	9.20	16.8	26.9	105		-	75-125	-	20
Cobalt, Total	5.07	42.1	43.8	92		-	75-125	-	20
Copper, Total	12.4	21.1	36.6	115		-	75-125	-	20
Iron, Total	9710	84.2	13400	4380	Q	-	75-125	-	20
Lead, Total	12.7	43	55.0	98		-	75-125	-	20
Magnesium, Total	1570	842	2610	123		-	75-125	-	20
Manganese, Total	196	42.1	292	228	Q	-	75-125	-	20
Nickel, Total	12.5	42.1	51.1	92		-	75-125	-	20
Potassium, Total	770	842	1750	116		-	75-125	-	20
Selenium, Total	ND	10.1	10.2	101		-	75-125	-	20
Silver, Total	ND	25.3	25.0	99		-	75-125	-	20
Sodium, Total	86.1J	842	958	114		-	75-125	-	20
Thallium, Total	ND	10.1	9.41	93		-	75-125	-	20
Vanadium, Total	17.0	42.1	58.5	98		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1513030-3 QC Sample: L2131847-01 Client ID: MS Sample									
Zinc, Total	24.1	42.1	67.8	104	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1513032-3 QC Sample: L2130468-01 Client ID: MS Sample									
Mercury, Total	0.175	0.219	0.258	38	Q	-	80-120	-	20

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2131407
Report Date: 07/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1513030-4 QC Sample: L2131847-01 Client ID: DUP Sample						
Aluminum, Total	3020	3190	mg/kg	5		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.60	2.48	mg/kg	43	Q	20
Barium, Total	29.1	30.6	mg/kg	5		20
Beryllium, Total	0.229J	0.256J	mg/kg	NC		20
Cadmium, Total	0.255J	0.239J	mg/kg	NC		20
Calcium, Total	1390	1450	mg/kg	4		20
Chromium, Total	9.20	9.59	mg/kg	4		20
Cobalt, Total	5.07	4.58	mg/kg	10		20
Copper, Total	12.4	12.3	mg/kg	1		20
Iron, Total	9710	9960	mg/kg	3		20
Lead, Total	12.7	15.1	mg/kg	17		20
Magnesium, Total	1570	1700	mg/kg	8		20
Manganese, Total	196	220	mg/kg	12		20
Nickel, Total	12.5	12.0	mg/kg	4		20
Potassium, Total	770	789	mg/kg	2		20
Selenium, Total	ND	0.256J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	86.1J	98.5J	mg/kg	NC		20

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2131407
Report Date: 07/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1513030-4 QC Sample: L2131847-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	17.0	15.2	mg/kg	11	20
Zinc, Total	24.1	23.0	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1513032-4 QC Sample: L2130468-01 Client ID: DUP Sample					
Mercury, Total	0.175	0.150	mg/kg	15	20

Project Name: CHROMALLOY

Project Number: 1902732021

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2131407

Report Date: 07/20/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1512998-6 QC Sample: L2131407-11 Client ID: SS-1						
Aluminum, Total	7730	7960	mg/kg	3		20
Barium, Total	89.1	91.6	mg/kg	3		20
Calcium, Total	34900	36200	mg/kg	4		20
Copper, Total	31.0	31.8	mg/kg	3		20
Iron, Total	12300	12800	mg/kg	4		20
Magnesium, Total	6400	6900	mg/kg	8		20
Manganese, Total	256	267	mg/kg	4		20
Vanadium, Total	25.7	26.2	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1513030-6 QC Sample: L2131847-01 Client ID: DUP Sample						
Aluminum, Total	3020	3260	mg/kg	8		20
Barium, Total	29.1	31.1	mg/kg	7		20
Calcium, Total	1390	1490	mg/kg	7		20
Iron, Total	9710	10400	mg/kg	7		20
Magnesium, Total	1570	1800	mg/kg	15		20
Manganese, Total	196	212	mg/kg	8		20

INORGANICS & MISCELLANEOUS

Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-01

Client ID: SB-16 (6-8')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 09:10

Date Received: 06/10/21

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	88.8		%	0.100	NA	1	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/16/21 09:25	06/16/21 16:15	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-02

Client ID: SB-15 (13-15')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 10:40

Date Received: 06/10/21

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	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/16/21 09:25	06/16/21 16:16	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-03

Client ID: SB-14 (18-20')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 11:30

Date Received: 06/10/21

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	89.1		%	0.100	NA	1	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/16/21 09:25	06/16/21 16:17	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-04

Client ID: SB-13 (17-19')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 12:30

Date Received: 06/10/21

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	86.0		%	0.100	NA	1	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/16/21 20:00	06/17/21 12:59	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-05

Client ID: SB-12 (18-20')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 13:45

Date Received: 06/10/21

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	89.6		%	0.100	NA	1	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/16/21 20:00	06/17/21 13:00	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-06

Client ID: SB-11 (5-7')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:05

Date Received: 06/10/21

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	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/16/21 20:00	06/17/21 13:01	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-07

Client ID: SB-10 (18-20')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 14:30

Date Received: 06/10/21

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	86.6		%	0.100	NA	1	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/16/21 20:00	06/17/21 13:02	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-08

Client ID: SB-09 (18-20')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:00

Date Received: 06/10/21

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	90.4		%	0.100	NA	1	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/16/21 20:00	06/17/21 13:05	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-09

Client ID: SB-08 (18-20')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:25

Date Received: 06/10/21

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	94.8		%	0.100	NA	1	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/16/21 20:00	06/17/21 13:06	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-10

Client ID: SB-06 (18-20')

Sample Location: WEST NYACK, NY

Date Collected: 06/10/21 15:45

Date Received: 06/10/21

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	89.1		%	0.100	NA	1	-	06/11/21 22:31	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/16/21 20:00	06/17/21 13:07	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-11

Client ID: SS-1

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:05

Date Received: 06/11/21

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	77.5		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/18/21 20:25	06/21/21 11:13	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-12

Client ID: SS-2

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:35

Date Received: 06/11/21

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	88.9		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/18/21 20:25	06/21/21 11:16	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-13

Client ID: SS-3

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:40

Date Received: 06/11/21

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	83.6		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/19/21 15:00	06/21/21 13:08	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-14

Client ID: SS-4

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:45

Date Received: 06/11/21

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	86.3		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/18/21 20:25	06/21/21 11:17	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-15

Client ID: SB-07 (18-20')

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 08:30

Date Received: 06/11/21

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	92.6		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/19/21 15:00	06/21/21 13:12	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-16

Client ID: SB-05 (2.5-5')

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:00

Date Received: 06/11/21

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	88.3		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/19/21 15:00	06/21/21 13:13	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-17

Client ID: SB-04 (2.5-5')

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:30

Date Received: 06/11/21

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	88.3		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/19/21 15:00	06/21/21 13:14	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-18

Client ID: SB-03 (2.5-5')

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 09:55

Date Received: 06/11/21

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	88.5		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/19/21 15:00	06/21/21 13:17	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-19

Client ID: SB-02 (12.5-15')

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:15

Date Received: 06/11/21

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	88.3		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/19/21 15:00	06/21/21 13:18	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-20

Client ID: SB-01 (5-5.75')

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 10:40

Date Received: 06/11/21

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	86.1		%	0.100	NA	1	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/19/21 15:00	06/21/21 13:19	1,9010C/9012B	CR



Project Name: CHROMALLOY

Project Number: 1902732021

Lab Number: L2131407

Report Date: 07/20/21

SAMPLE RESULTS

Lab ID: L2131407-21

Client ID: DUP

Sample Location: WEST NYACK, NY

Date Collected: 06/11/21 07:30

Date Received: 06/11/21

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	-	06/14/21 06:50	121,2540G	PR
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/19/21 15:00	06/21/21 13:20	1,9010C/9012B	CR



Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

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): 01-03 Batch: WG1512263-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/16/21 09:25	06/16/21 16:00	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 04-10 Batch: WG1512920-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/16/21 20:00	06/17/21 12:40	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 11-12,14 Batch: WG1514095-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	06/18/21 20:25	06/21/21 10:47	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 13,15-21 Batch: WG1514366-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	06/19/21 15:00	06/21/21 13:04	1,9010C/9012B	CR

Lab Control Sample Analysis

Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1512263-2 WG1512263-3								
Cyanide, Total	56	Q	80		80-120	20		35
General Chemistry - Westborough Lab Associated sample(s): 04-10 Batch: WG1512920-2 WG1512920-3								
Cyanide, Total	82		74	Q	80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 11-12,14 Batch: WG1514095-2 WG1514095-3								
Cyanide, Total	65	Q	73	Q	80-120	21		35
General Chemistry - Westborough Lab Associated sample(s): 13,15-21 Batch: WG1514366-2 WG1514366-3								
Cyanide, Total	67	Q	50	Q	80-120	1		35

Matrix Spike Analysis

Batch Quality Control

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Number: L2131407
Report Date: 07/20/21

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): 01-03 QC Batch ID: WG1512263-4 WG1512263-5 QC Sample: L2130817-05 Client ID: MS Sample												
Cyanide, Total	1.8	11	12	95		14	110		75-125	15		35
General Chemistry - Westborough Lab Associated sample(s): 04-10 QC Batch ID: WG1512920-4 WG1512920-5 QC Sample: L2131759-07 Client ID: MS Sample												
Cyanide, Total	ND	11	10	94		8.9	88		75-125	12		35
General Chemistry - Westborough Lab Associated sample(s): 11-12,14 QC Batch ID: WG1514095-4 WG1514095-5 QC Sample: L2131407-11 Client ID: SS-1												
Cyanide, Total	ND	12	12	97		12	97		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 13,15-21 QC Batch ID: WG1514366-4 WG1514366-5 QC Sample: L2131407-13 Client ID: SS-3												
Cyanide, Total	ND	12	12	100		11	100		75-125	9		35

Project Name: CHROMALLOY
Project Number: 1902732021

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2131407
Report Date: 07/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1511161-1 QC Sample: L2131358-07 Client ID: DUP Sample						
Solids, Total	82.8	83.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 11-21 QC Batch ID: WG1511586-1 QC Sample: L2131407-11 Client ID: SS-1						
Solids, Total	77.5	83.3	%	7		20

Project Name: CHROMALLOY
Project Number: 1902732021

Serial_No:07202115:31
Lab Number: L2131407
Report Date: 07/20/21

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2131407-01A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-01B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-01C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-01D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)
L2131407-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2131407-01F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-02A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-02B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-02C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-02D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)
L2131407-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180)
L2131407-02F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-03A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-03B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)

Project Name: CHROMALLOY
Project Number: 1902732021

Serial_No: 07202115:31
Lab Number: L2131407
Report Date: 07/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2131407-03C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-03D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)
L2131407-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2131407-03F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-04A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-04B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-04C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-04D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)
L2131407-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2131407-04F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-05A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-05B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-05C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-05D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)
L2131407-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2131407-05F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-06A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-06B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-06C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-06D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

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L2131407-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),MG-Ti(180),HG-T(28),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2131407-06F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-07A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-07B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-07C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-07D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)
L2131407-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180)
L2131407-07F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-08A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-08B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-08C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-08D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)
L2131407-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),PB-Ti(180),SE-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2131407-08F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-09A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-09B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-09C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-09D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)

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L2131407-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),PB-Ti(180),ZN-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),MG-Ti(180),HG-T(28),K-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180)
L2131407-09F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-09G	Plastic 120ml unpreserved	C	NA		3.3	Y	Absent		TS(7)
L2131407-09H	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-10A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-10B	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-10C	Vial water preserved	A	NA		3.4	Y	Absent	11-JUN-21 11:53	NYTCL-8260HLW-R2(14)
L2131407-10D	Plastic 120ml unpreserved	A	NA		3.4	Y	Absent		TS(7)
L2131407-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),ZN-Ti(180),SB-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2131407-10F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-10G	Plastic 120ml unpreserved	C	NA		3.3	Y	Absent		TS(7)
L2131407-10H	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-11A	Vial MeOH preserved	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-11A1	Vial MeOH preserved	D	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-11A2	Vial MeOH preserved	D	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-11B	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-11B1	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-11B2	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-11C	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-11C1	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-11C2	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-11D	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7)
L2131407-11D1	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7),NYTCL-8260HLW-R2(14)

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L2131407-11D2	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7),NYTCL-8260HLW-R2(14)
L2131407-11E	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7)
L2131407-11E1	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2131407-11E2	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2131407-11F	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),MG-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180)
L2131407-11F1	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),MG-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180)
L2131407-11F2	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),MG-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180)
L2131407-11G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-11G1	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-11G2	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-11H	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-11H1	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-11H2	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-12A	Vial MeOH preserved	D	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-12B	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-12C	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-12D	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		TS(7)
L2131407-12E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)

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L2131407-12F	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-13A	Vial MeOH preserved	D	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-13B	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-13C	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-13D	Plastic 2oz unpreserved for TS	D	NA		2.7	Y	Absent		TS(7)
L2131407-13E	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2131407-13F	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.7	Y	Absent		TCN-9010(14),BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),SB-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),FE-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2131407-13G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-13H	Glass 500ml/16oz unpreserved	D	NA		2.7	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-14A	Vial MeOH preserved	D	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-14B	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-14C	Vial water preserved	D	NA		2.7	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-14D	Glass 250ml/8oz unpreserved	D	NA		2.7	Y	Absent		TS(7)
L2131407-14E	Metals Only-Glass 60mL/2oz unpreserved	D	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),AL-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2131407-14F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-15A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-15B	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-15C	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-15D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2131407-15E	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)

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L2131407-15F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		TCN-9010(14),BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),SB-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2131407-15G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-15H	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-16A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-16B	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-16C	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-16D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2131407-16E	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2131407-16F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		TCN-9010(14),BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),PB-Ti(180),SE-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180)
L2131407-16G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-16H	Glass 500ml/16oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-17A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-17B	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-17C	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-17D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2131407-17E	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2131407-17F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-Ti(180),TCN-9010(14),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180)
L2131407-17G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)

Project Name: CHROMALLOY
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2131407-17H	Glass 500ml/16oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-18A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-18B	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-18C	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-18D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2131407-18E	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2131407-18F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		TCN-9010(14),BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),SB-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2131407-18G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-18H	Glass 500ml/16oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-19A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-19B	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-19C	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-19D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2131407-19E	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2131407-19F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		TCN-9010(14),BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),CU-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)
L2131407-19G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-19H	Glass 500ml/16oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-20A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-20B	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-20C	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-20D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)

Project Name: CHROMALLOY**Lab Number:** L2131407**Project Number:** 1902732021**Report Date:** 07/20/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2131407-20E	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2131407-20F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		TCN-9010(14),BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180)
L2131407-20G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-20H	Glass 500ml/16oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2131407-21A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2131407-21B	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-21C	Vial water preserved	B	NA		2.9	Y	Absent	12-JUN-21 15:43	NYTCL-8260HLW-R2(14)
L2131407-21D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2131407-21E	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2131407-21F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		TCN-9010(14),BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180)
L2131407-21G	Plastic 8oz unpreserved	C	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131407-21H	Glass 500ml/16oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)

Project Name: CHROMALLOY
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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDaA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSA's)		
Perfluorododecanesulfonic Acid	PFDaDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESA's)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCA's)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

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.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

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.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

- 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.

Project Name: CHROMALLOY
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Lab Number: L2131407
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

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.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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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, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; 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, SM4500CI-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, SM9222D.****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, EPA 537.1.****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**

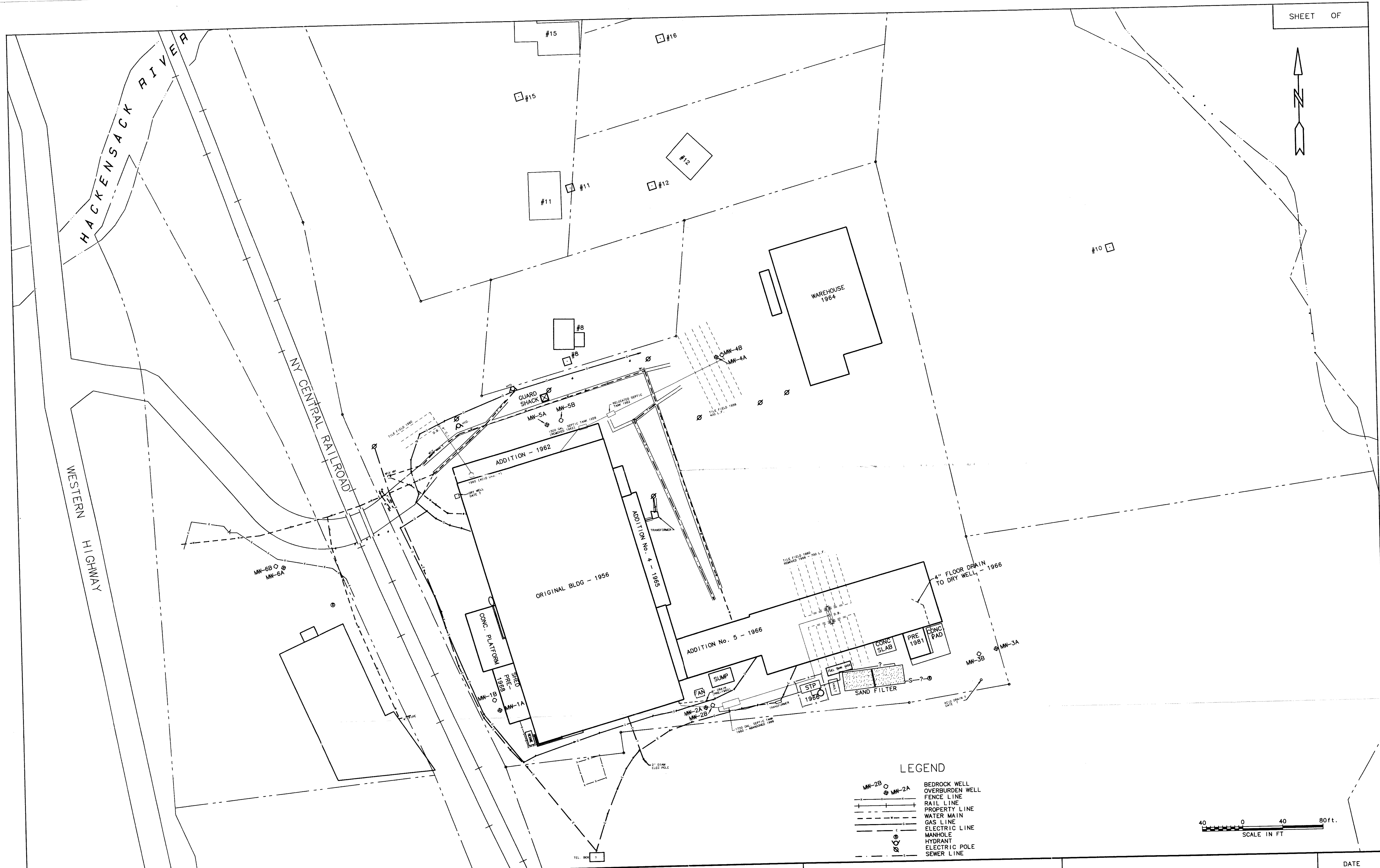
For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 6/10/21		ALPHA Job # L2131407	
		Project Information Project Name: Chromalloy Project Location: West Nyack, NY Project # 190773.2021 (Use Project name as Project #) ☒		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #			
Client Information Client: TRC Address: 10 Maxwell Dr. Suite 200 Clifton Park, NY 12065 Phone: Fax: Email: J.King@TRC.companies.com		Project Manager: Justin King ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments: PO # 166681						Metals TS NYTCL-82605		Total Bottles	
Please specify Metals or TAL.						Sample Specific Comments			
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
31407-01		SB-16 (6-8')		6/10/21 9:10		Soil		LL	
-02		SB-15 (13-15')		6/10/21 10:40		Soil		LL	
-03		SB-14 (18-20')		6/10/21 11:30		Soil		LL	
-04		SB-13 (17-19')		6/10/21 12:30		Soil		LL	
-05		SB-12 (18-20')		6/10/21 13:45		Soil		LL	
-06		SB-11 (5-7')		6/10/21 14:05		Soil		LL	
-07		SB-10 (18-20')		6/10/21 14:30		Soil		LL	
-08		SB-09 (18-20')		6/10/21 15:00		Soil		LL	
-09		SB-08 (18-20')		6/10/21 15:25		Soil		LL	
-10		SB-06 (18-20')		6/10/21 15:45		Soil		LL	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A P V A A A F A	
Relinquished By:		Date/Time		Received By:		Date/Time		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
[Signature]		6/10/21 16:00		[Signature]		6/10/21 16:00			
[Signature]		6/10/21 17:05		[Signature]		6/10/21 17:30			
[Signature]		6/10/21 22:35		[Signature]		6/10/21 22:35			

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd in Lab 6/11/21		ALPHA Job # L2131407											
		Project Information Project Name: <u>Chromalloy</u> Project Location: <u>West Norwich, NY</u> Project # <u>190273 2021</u> (Use Project name as Project #) ☒ Project Manager: <u>Justin King</u> ALPHAQuote #: _____ Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other _____		Billing Information ☒ Same as Client Info PO # _____													
Client Information Client: <u>TLC</u> Address: <u>10 Maxwell Park, Suite 200</u> <u>Clifton Park, NY 12065</u> Phone: _____ Fax: _____ Email: <u>J.King@tricompanies.com</u>		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other _____ ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: _____															
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: PO# 166681 Please specify Metals or TAL.						ANALYSIS Metals TS NYTLL-8260 HGB-AGA NYTLL-8260 NYTLL-8260 NYTLL-8260 PFAS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)											
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date / Time		Sample Matrix		Sampler's Initials											
31407 - 11		SS-1E MS/MSD		6/11/201 7:05		Soil		LL		X		X		X		X			
12		SS-2		6/11/201 7:35		Soil		LL		X		X		X		X			
13		SS-3 (2.5-5')		6/11/201 7:40		Soil		LL		X		X		X		X			
14		SS-9		6/11/201 7:44		Soil		LL		X		X		X		X			
15		SB-07 (18-20')		6/11/201 8:30		Soil		LL		X		X		X		X			
16		SB-05 (2.5-5')		6/11/201 9:00		Soil		LL		X		X		X		X			
17		SB-04 (2.5-5')		6/11/201 9:30		Soil		LL		X		X		X		X			
18		SB-03 (2.5-5')		6/11/201 9:55		Soil		LL		X		X		X		X			
19		SB-02 (12.5-15')		6/11/201 10:15		Soil		LL		X		X		X		X			
20		SB-01 (5-5.75')		6/11/201 10:40		Soil		LL		X		X		X		X			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		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 P V A P											
						Preservative		A A F A A											
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By:		Date/Time		Received By:		Date/Time											
		<u>Amir Z...</u>		6/11/21 1200		<u>Justin King</u>		6/11/21 1206											
		<u>Michael J...</u>		6/11/21 1530		<u>Justin King</u>		6/11/21 1530											
		<u>Justin King</u>		6/11/21 2145		<u>Justin King</u>		6/11/21 2145											

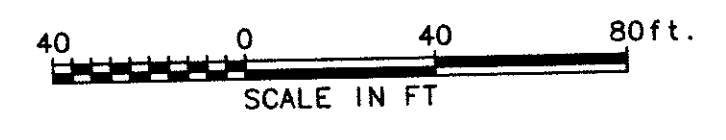
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

APPENDIX D



LEGEND

- MN-2B
- MN-2A
- BEDROCK WELL
- OVERBURDEN WELL
- FENCE LINE
- RAIL LINE
- PROPERTY LINE
- WATER MAIN
- GAS LINE
- ELECTRIC LINE
- MANHOLE
- HYDRANT
- ELECTRIC POLE
- SEWER LINE



NO.	ZONE	REVISIONS	DATE	BY	APP'D

DESIGNED	DATE
DRAWN	DATE
CHECKED	DATE
APPROVED	DATE

Lawler Matusky & Skelly Engineers
Environmental Science & Engineering Consultants
One Blue Hill Plaza
Pearl River, NY 10965

DATE

UTILITY PLAN

DWG. NO.
2