



**STOCKPILE CHARACTERIZATION AND
DATA VALIDATION REPORT
STOCKPILE H
6145 EAST SANTIAGO CANYON ROAD
CITY OF ORANGE, ORANGE COUNTY, CALIFORNIA**

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**Subject: Stockpile Characterization and Data Validation Report, Stockpile H
6145 East Santiago Canyon Road
City of Orange, Orange County, California 90704**

Leighton and Associates, Inc. (Leighton) provides this report to Milan REI X, LLC (Milan) to convey analytical results of soil samples collected from Stockpile H to comply with the June 16, 2022 Stipulated Notice and Order (Stipulated N&O) prepared by the Orange County Health Care Agency, Environmental Health Division (OCHCA), acting as the Solid Waste Local Enforcement Agency (LEA) for the County of Orange.

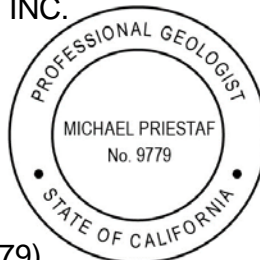
This Stockpile Characterization and Data Validation Report was prepared under the technical direction of the undersigned, which includes two California Professional Geologists.

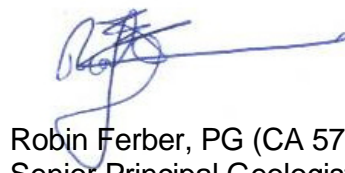
Respectively submitted,

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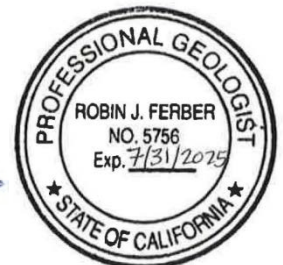


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1.0 INTRODUCTION

Leighton and Associates, Inc. (Leighton) provides this report to Milan REI X, LLC (Milan) to convey the analytical test results of soil samples collected from Stockpile H located at the site (referred to hereafter as the “Site”), which consists of a portion of Milan’s property located at 6145 East Santiago Canyon Road in Orange, California, as set forth in the June 16, 2022 Stipulated Notice and Order (Stipulated N&O) by the Orange County Health Care Agency, Environmental Health Division (OCHCA), acting as the Solid Waste Local Enforcement Agency (LEA) for the County of Orange.

The objective of this stockpile characterization and data validation report was to complete an assessment of the stockpiled soil to evaluate whether the soil, in part or in whole, can be reused for Milan’s proposed Mabury residential development in compliance with applicable local, state, and federal regulations. Milan requested that Leighton assess the analytical results for Stockpile H for residential use approval in support of proposed redevelopment activities.

2.0 BACKGROUND

2.1 Site Use History

The land-use history of the Site has previously been summarized in two Phase I Environmental Site Assessments (Phase I ESAs) prepared by Michael Brandman Associates (MBA) in August 2009 and by Geomatrix Consultants (Geomatrix) in August 2000. In addition, Ginter & Associates (Ginter) prepared a report summarizing geologic and geotechnical information pertinent to the Site's history (Ginter, 2011). According to Ginter, the Site was used for the surface mining of sand, gravel, and other aggregate between 1919 and 1995. Previously mined areas of the Site were subsequently backfilled with silty soils that originated from the mining operations. Ginter referred to these backfilled areas as "silt ponds."

MBA's Phase I ESA noted that aggregate was mined and processed at a rock plant formerly located on-site. The silt ponds were primarily located in the western half of the site (Geomatrix, 2000). The mined sediments originated from alluvial deposits associated with Santiago Creek, which forms the northern Site boundary. Based on review of historical aerial photographs, significant portions of the Site showed evidence of earthwork, including grading, excavation, and backfilling.

In the 1990s, Arbor West Services and Hiramatsu Farms (subleasing to Otsuka Farms) conducted agricultural activities, including the cultivation of strawberries and other produce, on a portion of the Site (Geomatrix, 2000). According to Geomatrix, pesticide use reports from 1999 indicate the on-site use of organochlorine and organophosphorus pesticides, herbicides, fungicides, and biocides. In addition, review of historical aerial photographs from the 1940s through the 1960s indicate orchards were present along the southern portion of the Site adjacent to the sediment mining areas (Leighton, 2023) MBA's 2009 Phase I ESA noted that no agricultural chemicals containers were observed stored on-site.

During its history of use for aggregate mining, the Site featured two hot-mix asphalt plants, two office buildings, two maintenance shop buildings, a material testing laboratory, a private residence, a diesel spray rack area (used to clean and prepare the truck beds for asphalt loading), a small building used as a waiting area by truck drivers, several trailer and equipment/parts storage areas, several underground storage tanks (USTs), several aboveground storage tanks (ASTs), and fuel and oil storage areas. The asphalt plants and associated structures were operated by Blue Diamond Materials (BDM), which is affiliated with its parent company, Sully Miller Contracting Company (Sully Miller). The

asphalt plants and buildings were demolished and/or removed in 1995 during plant closure activities (Geomatrix, 2000).

2.2 Import of Inert Debris Onsite

Historical aggregate mining operations at the Site included the hydraulic separation of sand and gravel from silt and finer sediments. The former was extracted for commercial use, and the latter was used to backfill the excavations from which the aggregate originated. The backfilled silt and fine sediments were later considered by Ginter to be unsuitable for geotechnical purposes for the proposed Rio Santiago Development. Therefore, Ginter prepared multiple geotechnical reports describing the removal of the finer sediments from selected excavations and replacement with certified fill, which included inert debris materials.

Ginter noted that a total of approximately 1,100,000 cubic yards of material, including concrete, asphalt, rock, and soil, would need to be imported to the Site and mixed with the silt and fine sediments to generate material suitable for geotechnical purposes. The imported materials will be crushed on-site and combined with the silt and fine sediments to generate approximately 3,348,200 cubic yards of geotechnically suitable fill.

In 2007, Milan purchased the property to redevelop the Site for residential use. Starting in approximately 2010, Milan engaged Material Transport Services, Inc. (MTS) to operate an Inert Debris Engineered Fill Operation (IDEFO) to conduct fill and compaction at the Site under engineering and LEA oversight. In 2013, Milan changed its IDEFO contractor and continued to import the same type of restricted inert debris, which is stockpiled for future fill operations for development. Milan contends that it continued to accept import of inert debris only as part of an IDEFO under proper protocols and procedures, including maintenance of records.

In January 2020, a dispute arose between Milan and the LEA regarding the regulatory status of the Site. In October 2020, Milan ceased importing and stockpiling material. On June 16, 2022, following administrative proceedings and a related appeal, the LEA and Milan agreed to the Stipulated N&O pursuant to which this investigation was conducted. The Stipulated N&O provides for analytical investigation of the subsurface and stockpiles on the Site prior to the use of stockpiled soil or material for planned improvements. Among other things, the Stipulated N&O provides that Milan may utilize stockpiled materials, or parts thereof, determine not to have the presence of contaminations in an IDEFO or remove stockpiled material to off-site locations determined not to have the presence of contaminations in accordance with a workplan approved by the LEA.

2.3 Stockpile H

Pursuant to the Stipulated N&O, Milan submitted a map to the LEA of the stockpiles located at the Site, which is attached as Figure 2. Stockpile H is approximately 26,100 cubic yards in volume (Fusco, 2022) has been described by Ginter as generally consisting of clean soil suitable as a source for compacted fill at the Site (Ginter 2022).

3.0 INVESTIGATIVE METHODOLOGY

This section describes the methodologies, including drilling and sampling methods, land surveying, laboratory analyses, and waste management practices, implemented during this investigation for Stockpile H.

3.1 Field Activities

The field activities conducted at the Site, including road pioneering on a portion of Stockpile H, drilling and collection of soil samples, and land surveying are described in Sections 3.1.1 through 3.1.4 below.

3.1.1 Road Pioneering

On January 11 and 12, 2024, American Integrated Services (AIS), a general contractor, used a bulldozer and excavator to pioneer an unpaved road to the top of Stockpile H, which is generally composed of soil with limited construction debris (e.g., concrete, bricks, tiles, etc.). The north-south oriented unpaved road, located along the western edge of Stockpile H, was constructed to facilitate drill rig access to the top of Stockpile H. AIS used approximately 30 cubic yards (CY) of sandy aggregate from nearby Stockpile I as base material for the road, which was noted by the LEA as a deviation from the workplan. To rectify this deviation, Leighton prepared and submitted Addendum #1 to the LEA to the Final Revised Environmental Sampling Workplan for Stockpiled Material Testing, proposing to collect two soil samples, SP-H-BRIDGE-1 and SP-H-BRIDGE-2, of the aggregate material and the soil and aggregate composing the unpaved road, respectively. The samples were collected on January 24, 2024, and analyzed for the full suite of analyses noted in the Stipulated N&O and described in Section 3.3 below.

3.1.2 Direct Push Drilling and Soil Sampling

On January 5, 2024, Leighton visited the Site to locate and mark the proposed locations of four exploratory borings, SPH01, SPH02, SPH03, and SPH04, at Stockpile H. A wooden stake and a survey whisker were driven into the ground at each proposed boring location to mark it for subsequent drilling activities. The locations of borings SPH01, SPH02, SPH03, and SPH04 are depicted on Figure 3.

On January 25, 2024, Leighton retained JHA Remediation, Inc. (JHA) to conduct drilling and sampling of the four exploratory borings with a track-mounted direct push rig. Borings SPH01, SPH02, and SPH04 encountered refusal at depths of approximately 25, 36, and 24 feet bgs, respectively, due to the presence of either highly compacted fine-grained sediments or cobbles. Each boring was subsequently backfilled to the surface with

hydrated bentonite chips. To preserve the location of each boring for subsequent land survey, the wooden stakes and surveyor whiskers were set in the top of the bentonite backfill column.

Soil samples were collected every 5 feet starting at 0.5 feet bgs and continuing to the terminal depth of each boring. A total of 32 soil samples were collected from the borings. The soil samples were collected by cutting the recovered soil core and acetate liner at the targeted depth interval and capping both ends of the sample core with Teflon sheets and plastic end caps. The samples were then placed in an ice-chilled cooler and retained under standard chain-of-custody protocols. In addition, at each sample location a small aliquot of soil was retained, sealed in a Ziploc bag, and allowed to stand for approximately 5 minutes. A photo-ionization detector (PID) calibrated with 100 parts per million by volume (ppmv) hexane was then used to obtain a VOC headspace measurement from each bag. The headspace measurement, in readings of equivalent hexane concentration, was then recorded on the corresponding field boring log.

On January 26, 2024, Leighton returned to the Site with JHA to advance step-out borings at SPH01, SPH02, and SPH04 to collect deeper soil samples; however, the step-out borings at these locations encountered refusal at depths of 20, 20, and 24 feet bgs, respectively. No additional soil samples were collected, and the step-out borings were subsequently abandoned and backfilled with hydrated bentonite.

Non-dedicated equipment, including the drilling shoe, was decontaminated before and after each sample was collected using a three-stage wash of phosphate-free detergent and water, a rinse with potable water, and a final rinse with distilled water.

3.1.3 Sonic Drilling and Soil Sampling

On February 26, 2024, Leighton returned to the Site with BC2 Environmental (BC2) to advance borings SPH01 and SPH04 to the proposed depth of 45 feet bgs with a track-mounted sonic drilling rig and collect deeper soil samples. Boring SPH02 was not advanced deeper with the sonic rig as the deepest sample collected from that boring was assessed by the field geologist to be adequately representative.

The two borings were drilled in the same locations and were both advanced to the proposed total depth of 45 feet bgs. Each boring was subsequently backfilled with hydrated bentonite chips. The wooden stakes and survey whiskers were once again placed in the top of the bentonite backfill column to demarcate the location of each boring.

Soil samples were collected from both borings at depths of 35 and 45 feet bgs. A total of 4 soil samples were collected from the borings. Each sample was collected by advancing an 18-inch-long California Modified split-spoon sampler containing three 6" long stainless-steel tubes. After advancing and retrieving the split-spoon sampler, the core barrel was disassembled, and the central 6" tube was retained and capped at each end with Teflon sheets and plastic end caps. The soil samples were then placed in an ice-chilled cooler and retained under standard chain-of-custody protocols. During drilling, a small aliquot of soil was collected at each sample location, retained, placed in a Ziploc bag, sealed, and allowed to stand for approximately 5 minutes, and a PID was then used to obtain a VOC headspace measurement therein. The headspace measurements were recorded on the corresponding field boring log.

Non-dedicated equipment, including the drilling shoe, was decontaminated before and after each sample was collected using a three-stage wash of phosphate-free detergent and water, a rinse with potable water, and a final rinse with distilled water.

3.1.4 Land Survey

On March 28, 2024, Leighton accompanied Calvada Surveying, Inc. (Calvada), a California-certified Professional Land Surveyor, to conduct a survey of the completed Stockpile H boring locations as well as other stockpile borings at the Site.

3.2 Analytical Testing Methods

Soil samples were relinquished to Enthalpy, a California Environmental Laboratory Accreditation Program (CELAP)-certified laboratory in Orange, California, and analyzed by the following analytical methods:

- Title 22 Metals by United States Environmental Protection Agency (USEPA) Methods 6010B/7471A,
- Total Petroleum Hydrocarbons (TPH) as Diesel Range Organics (DRO), Gasoline Range Organics (GRO), and Oil Range Organics (ORO) by USEPA Method 8015M,
- Volatile Organic Compounds (VOCs) by USPEA Method 8260B,
- Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270C,
- Polycyclic Aromatic Hydrocarbons (PAHs) by USEPA Method 8270C SIM,
- Organochlorine Pesticides (OCPs) by USEPA Method 8081A,
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082,
- Organophosphorus Pesticides (OPPs) by USEPA Method 8141A,

- Chlorinated Herbicides by USEPA Method 8151A,
- Asbestos by USEPA Method 600/R-93-116 (Polarized Light Microscopy), and
- pH by USEPA Method 9045C.

3.3 Waste Management

Soil cuttings generated during drilling and sampling activities at Stockpile H were containerized either in plastic geotechnical bulk bags or placed on plastic sheeting and staged adjacent to the boring from which it originated. Other Investigation Derived Waste (IDW), including acetate liners and used PPE, were disposed of as municipal waste.

4.0 INVESTIGATION RESULTS

This section presents the analytical test data as well as field observations, soil types, and measurements, gathered during this investigation. This section also presents the applicable regulatory screening criteria used to evaluate the data.

4.1 Field Observations

4.1.1 Soil Types Encountered

Based on field observations, the composition of Stockpile H consisted of soils. The soils encountered in borings SPH01, SPH02, SPH03, and SPH04 generally consisted of well-graded, light to medium brown sands and silty sands with variable amounts of gravel, although silty clay was observed at depth in boring SPH01 between approximately 25 and 35 feet bgs. Copies of the boring logs are included in Appendix C.

In boring SPH01, well-graded, light to medium brown silty sand with minor sub-rounded to sub-angular gravel was encountered between the stockpile surface and approximately 25 feet below the stockpile surface (bss). Minor asphalt fragments were also intermittently observed. Refusal was encountered with the direct push rig at a depth of approximately 25 feet bgs due to the presence of either gravel or highly compact silty soil. Below this, as observed from cuttings recovered during sonic drilling, low-plasticity medium brown silty clay graded to light gray silty sand with minor subangular gravel to a depth of approximately 35 feet bgs. Beneath this interval, additional well-graded, light to medium brown silty sand with minor sub-rounded to sub-angular gravel grading to light gray to yellow-brown sand with minor asphalt fragments were observed to the total boring depth of 45 feet bgs.

In boring SPH02, similar well-graded, light to medium brown silty sand with minor gravel was encountered between the stockpile surface and approximately 5 feet bgs followed by sandy silt with minor gravel to approximately 10 feet bgs. Between approximately 10 and 15 feet bgs, loose to medium dense, well-graded, medium yellow brown to brown sand and sandy silt was encountered. Below approximately 15 feet, well-graded light to medium brown sands and silty sand units with variable fines and gravel were observed. Minor mottling was observed in the soil at approximately 35 feet bgs, and refusal was encountered at approximately 36 feet bgs due to the presence of either gravel or highly compact silty soil.

In boring SPH03, the near surface of the stockpile was characterized by well-graded, medium brown, silty sand with gravel grading to silty sand with depth. The silty sand,

which included minor asphalt fragments, continued to a depth of approximately 15 feet bgs, where the silt content decreased and the unit graded to a sand with silt. From 15 feet bgs to the total depth of 45 feet bgs, the soils varied from well-graded light to medium brown silty sands to sands, both with minor gravel and asphalt debris.

In boring SPH04, well-graded light to medium brown to yellow brown sands and silty sands with minor gravel and asphalt debris were encountered between the surface of the stockpile and the total depth of the boring, although the bottom 6-inches of the boring was characterized by a low plasticity gray clay. Refusal was encountered with the direct push drilling rig at a depth of approximately 24 feet due to increased gravel content; however, sonic drilling was able to advance the boring to total depth, and the soils observed between the two drilling methods were generally consistent.

No unusual odors or evidence of staining were observed in soils recovered from any of the four borings.

4.1.2 VOC Monitoring Results

Headspace measurements with the PID varied from non-detect at an instrument detection limit of 0.1 ppmv (in hexane equivalent units) to a maximum detection of 4.4 ppmv in soil sample SP02-10.0, collected from boring SPH02 at a depth of approximately 10 feet bgs.

4.2 Regulatory Screening Criteria

Soil analytical results were compared to one or more of the following regulatory health risk-based screening criteria:

- USEPA RSLs for residential soil (USEPA, November 2023),
- California Environmental Protection Agency (CalEPA) Department of Toxic Substances Control (DTSC) Office of Human and Ecological Risk (HERO) Note Number 3 Screening Levels (DTSC-Modified SLs) for residential soil (DTSC, June 2020, Revised May 2022),
- DTSC Southern California Background Concentration for Arsenic in Soil (DTSC, 2008), and
- San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) for TPH (SFBRWQCB, 2019). The DTSC and USEPA do not have screening levels that directly correlate TPH. Therefore, the ESLs for TPH are commonly referenced throughout California as a screening tool.

The analytical test results for the soil samples were also compared to California and Federal hazardous waste criteria. Hazardous waste criteria are defined in the following regulations:

- Resource Conservation and Recovery Act (RCRA) Hazardous Waste (federal hazardous) – Chapter 40 of the Code of Federal Regulations (CFR) § 261.
- California Hazardous Waste (California hazardous/non-RCRA hazardous) – California Code of Regulations (CCR), Title 22, Division 4.5, Chapter 11, Article 3 § 66261.24.

Waste containing metals or a listed chemical is classified as non-RCRA hazardous when 1.) the representative total content equals or exceeds the respective Total Threshold Limit Concentration (TTLC) (e.g., 500 milligrams per kilogram (mg/kg) for arsenic and 1,000 mg/kg for lead), or 2.) the representative soluble content equals or exceeds the respective Soluble Threshold Limit Concentration (STLC) (e.g., 5 milligrams per liter [mg/L] for arsenic and lead) for leachate generated by the Waste Extraction Test (WET). A waste may have the potential of exceeding the STLC when the waste's total metal content is greater than or equal to ten times the respective STLC value (e.g., 50 mg/kg for arsenic and lead), since the WET uses a 1:10 dilution ratio. Therefore, when a total chemical is detected at a concentration greater than or equal to ten times the respective STLC (assuming that 100 percent of the detected chemical is soluble), a soluble WET analysis is warranted.

Waste is classified as RCRA hazardous when the representative soluble content equals or exceeds the federal regulatory level based on the Toxicity Characteristic Leaching Procedure (TCLP) (e.g., 5 mg/L for arsenic and lead). A waste may have the potential of exceeding the TCLP when the waste's total metal content is greater than or equal to twenty times the respective TCLP value (e.g., 100 mg/kg for arsenic and lead), since the test uses a 1:20 dilution ratio. Therefore, when a total chemical is detected at a concentration greater than or equal to twenty times the respective STLC (assuming that 100 percent of the total chemical is soluble), a soluble TCLP analysis is warranted.

Waste that is classified as either California hazardous or RCRA hazardous requires management as a hazardous waste and disposal at an appropriate permitted facility.

4.3 Analytical Results

Laboratory analytical results are summarized below and in Tables 1 through 7. Soil samples exceeding applicable regulatory screening criteria for a residential setting are presented on Figure 3. Two cross-sections of Stockpile H depicting the locations, depths,

and screening of sample results against applicable regulatory criteria are presented on Figure 3A. The laboratory analytical reports are included in Appendix A.

4.3.1 Title 22 Metals

The 17 metals listed in the CCR, Title 22, Article 11 (Title 22 metals) were detected above laboratory reporting limits in all 38 soil samples analyzed. Except for arsenic and lead, Title 22 metals were detected in the soil samples at concentrations below their respective DTSC and USEPA residential screening criteria and state and federal hazardous waste criteria:

- Arsenic was detected in soil sample SPH01-45.0 at a concentration of 42 mg/kg, exceeding the DTSC Southern California Background Concentration for Arsenic in Soil of 12 mg/kg.
- Lead was detected in soil samples SPH02-25.0 and SPH04-15.0 at concentrations of 360 mg/kg and 110 mg/kg, respectively, both exceeding the residential DTSC-SL of 80 mg/kg, the 10x STLC threshold of 50 mg/kg, and the 20x TCLP threshold of 100 mg/kg. The California WET was performed on samples SPH02-25.0 and SPH04-15.0, and soluble lead was detected in the STLC leachate from SPH02-25.0 at a concentration of 0.64 mg/L, below the STLC threshold of 5 mg/L. Soluble lead was not detected in the STLC leachate generated from at a laboratory reporting limit of 0.15 mg/L, also below STLC threshold for lead. The TCLP was performed on SPH02-25.0 and SPH04-15.0, and soluble lead was detected in the resulting TCLP leachates at concentrations of 1.1 mg/L and 0.13 mg/L, respectively, below the TCLP threshold of 5 mg/L. Review of these results indicate the soil represented by the two samples is non-hazardous based on soluble lead content.

4.3.2 Total Petroleum Hydrocarbons (TPH)

TPH was detected above laboratory reporting limits in 19 of the 38 soil samples analyzed:

- DRO was detected in 14 of the 38 soil samples analyzed at concentrations ranging from 10 mg/kg in SP-H-Bridge-2 to 570 mg/kg in SPH01-25.0, with only the latter sample exceeding the SFBRWQCB ESL established for diesel of 260 mg/kg for direct soil exposure in a residential setting.
- ORO was detected in 16 of the 38 soil samples analyzed at concentrations ranging from 22 mg/kg in SPH03-40.0 to 880 mg/kg in SPH01-25.0, all below the SFBRWQCB ESL of 18,000 mg/kg for direct soil exposure of in a residential setting.

GRO was not detected above laboratory reporting limits in any of the 38 soil samples analyzed.

4.3.3 Volatile Organic Compounds (VOCs)

VOCs were not detected above laboratory reporting limits in any of the 38 soil samples analyzed. The complete list of VOCs analyzed can be found in the laboratory analytical reports included in Appendix A.

4.3.4 Semi-Volatile Organic Compounds (SVOCs)

SVOCs were not detected above laboratory reporting limits in any of the 38 soil samples analyzed. For detections of PAHs, see section 4.3.5. The complete list of SVOCs analyzed can be found in the laboratory analytical reports included in Appendix A.

4.3.5 Polycyclic Aromatic Hydrocarbons (PAHs)

PAHs were detected above laboratory reporting limits in two of the 38 soil samples analyzed but at concentrations below respective USEPA RSLs and DTSC-SLs:

- Phenanthrene was detected in SPH02-35.0 at a concentration of 13 micrograms per kilogram ($\mu\text{g}/\text{kg}$).
- Fluoranthene was detected in SPH02-30.0 and SPH02-35.0 at concentrations of 130 $\mu\text{g}/\text{kg}$ and 29 $\mu\text{g}/\text{kg}$, respectively, both below the residential USEPA RSL and DTSC-SL of 2,400,000 $\mu\text{g}/\text{kg}$.
- Pyrene was detected in SPH02-30.0 and SPH02-35.0 at concentrations of 160 $\mu\text{g}/\text{kg}$ and 27 $\mu\text{g}/\text{kg}$, respectively, both below the residential USEPA RSL and DTSC-SL of 1,800,000 $\mu\text{g}/\text{kg}$.
- Benzo(a)anthracene was detected in SPH02-30.0 and SPH02-35.0 at concentrations of 75 $\mu\text{g}/\text{kg}$ and 14 $\mu\text{g}/\text{kg}$, respectively, both below the residential USEPA RSL and DTSC-SL of 1,100 $\mu\text{g}/\text{kg}$.
- Chrysene was detected in SPH02-30.0 and SPH02-35.0 at concentrations of 82 $\mu\text{g}/\text{kg}$ and 16 $\mu\text{g}/\text{kg}$, respectively, both below the residential USEPA RSL and DTSC-SL of 110,000 $\mu\text{g}/\text{kg}$.
- Benzo(b)fluoranthene was detected in SPH02-30.0 and SPH02-35.0 at concentrations of 74 $\mu\text{g}/\text{kg}$ and 15 $\mu\text{g}/\text{kg}$, respectively, both below the residential USEPA RSL and DTSC-SL of 1,100 $\mu\text{g}/\text{kg}$.

- Benzo(k)fluoranthene was detected in SPH02-30.0 at a concentration of 28 µg/kg, below the residential USEPA RSL and DTSC-SL of 11,000 µg/kg.
- Benzo(a)pyrene was detected in SPH02-30.0 and SPH02-35.0 at concentrations of 55 µg/kg and 13 µg/kg, respectively, both below the residential USEPA RSL and DTSC-SL of 110 µg/kg.
- Indeno(1,2,3-cd)pyrene was detected in SPH02-30.0 at a concentration of 20 µg/kg, below the residential USEPA RSL and DTSC-SL of 1,100 µg/kg.
- Benzo(g,h,i)perylene was detected in SPH02-30.0 at a concentration of 19 µg/kg.

The complete list of PAHs analyzed can be found in the laboratory analytical reports included in Appendix A.

4.3.6 Organochlorine Pesticides (OCPs)

OCPs were detected above laboratory reporting limits in 18 of the 38 soil samples analyzed, but except for dieldrin, at concentrations below respective residential USEPA RSLs and DTSC-SLs:

- Aldrin was detected in SPH02-20.0 and SPH02-25.0 at concentrations of 8.2 µg/kg and 12 µg/kg, respectively, both below the residential USEPA RSL and DTSC-SL of 39 µg/kg.
- Chlordane was detected in five of the 38 soil samples analyzed at concentrations ranging from 90 µg/kg in SPH03-15.0 to 1,200 µg/kg in SPH02-25.0, all below the residential USEPA RSL and DTSC-SL of 1,700 µg/kg.
- Dieldrin was detected in samples SPH02-20.0, SPH02-25.0, and SPH03-15.0, at concentrations of 34 µg/kg, 100 µg/kg, and 36 µg/kg, respectively, with the former equal to the USEPA RSL and DTSC-SL or 34 µg/kg, and the latter two samples exceeding the residential USEPA RSL and DTSC-SL.
- 4,4'-DDE was detected in 17 of the 38 soil samples analyzed at concentrations ranging from 5.3 µg/kg in SPH02-25.0 to 770 µg/kg in SPH02-30.0D, all below the residential USEPA RSL and DTSC-SL of 2,000 µg/kg.
- 4,4'-DDD was detected in SPH02-30.0D and SPH02-35.0 at concentrations of 23 µg/kg and 5.1 µg/kg, respectively, both below the residential USEPA RSL and DTSC-SL of 2,300 µg/kg.

- 4,4'-DDT was detected in seven of the 38 soil samples analyzed at concentrations ranging from 6.5 µg/kg in SPH04-00.5 to 17 µg/kg in SPH01-05.0D, all below the residential DTSC-SL of 1,900 µg/kg.

The complete list of OCPs analyzed can be found in the laboratory analytical reports included in Appendix A.

4.3.7 Polychlorinated Biphenyls (PCBs)

PCBs were detected above laboratory reporting limits in one of the 38 soil samples analyzed:

- Aroclor-1254 was detected in SPH03-25.0 at a concentration of 230 µg/kg, equal to the USEPA RSL of 230 µg/kg for soil in a residential setting.

The complete list of PCBs analyzed can be found in the laboratory analytical reports included in Appendix A.

4.3.8 Organophosphorus Pesticides (OPPs)

OPPs were not detected above laboratory reporting limits in any of the 38 soil samples analyzed. The complete list of OPPs analyzed can be found in the laboratory analytical reports included in Appendix A.

4.3.9 Chlorinated Herbicides (CHs)

CHs were not detected above laboratory reporting limits in any of the 38 soil samples analyzed. The complete list of CHs analyzed can be found in the laboratory analytical reports included in Appendix A.

4.3.10 Asbestos

Asbestos was not identified in any of the 38 samples analyzed.

4.3.11 pH

pH was measured in the 38 soils at values ranging from 7.30 in SPH03-20.0 to 10.52 in SP-H-BRIDGE-1, all within the RCRA range of 2 to 12.5 for non-corrosive materials.

4.4 Data Validation

Leighton performed Level 2A data validation of the laboratory reports with analytical results for Stockpile H, and the analytical results were determined to be valid and useable. The data validation checklists for each laboratory report are included in Appendix B.

5.0 CONCLUSIONS AND RECOMMENDATIONS

A total of 38 soil samples were collected from Stockpile H and analyzed for the full suite of analyses specified in the Stipulated N&O. Based on a comparison of the soil analytical test results to applicable federal and state residential regulatory screening criteria, the majority of Stockpile H appears to be suitable for residential use, including at the proposed residential development north of the Site; however, six analytical results from five soil samples did not meet applicable residential regulatory screening criteria:

- SPH01-25.0 contained DRO at a concentration of 570 mg/kg, exceeding the SFBRWQCB ESL of 260 mg/kg for direct soil exposure in a residential setting,
- SPH01-45.0 contained arsenic at a concentration of 42 mg/kg, exceeding the DTSC Southern California Background Concentration for Arsenic in Soil of 12 mg/kg,
- SPH02-25.0 contained lead and dieldrin at concentrations of 360 mg/kg and 100 µg/kg, respectively, exceeding the residential DTSC-SL of 80 mg/kg and the residential USEPA RSL and DTSC-SL of 34 µg/kg, respectively,
- SPH03-15.0 contained Dieldrin at a concentration of 36 µg/kg, exceeding the residential USEPA RSL and DTSC-SL of 34 µg/kg,
- SPH04-15.0 contained lead at a concentration of 110 mg/kg, exceeding the residential DTSC-SL of 80 mg/kg.

Comparison to state and federal hazardous waste criteria indicate that none of the soil in Stockpile H requires management as California or federal hazardous waste, as the waste characterization analyses performed on samples SPH02-25.0 and SPH04-15.0 indicate the soil is non-hazardous based on its soluble lead content.

Based on the results of this investigation, Leighton proposes to conduct additional targeted step-out sampling to delineate those precise areas of soil that do not meet applicable regulatory residential use criteria. Leighton's proposed scope of work to advance step-out borings and collect additional soil samples will be detailed in Leighton's forthcoming Addendum #5 to the Stockpile Workplan. Supplemental Environmental Sampling Workplan for Stockpile H.

6.0 LIMITATIONS

This investigation was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions.

The observations and conclusions presented in this report are professional opinions based on the scope of activities, work schedule, and information obtained through the activities described herein, and are limited to the portion of the Site investigated. Opinions presented herein apply to property conditions existing at the time of our study and cannot necessarily be taken to apply to property conditions outside of the area investigated or changes that we are not aware of or have not had the opportunity to evaluate. It must be recognized that conclusions drawn from these data are limited to the portion of the Site investigated, and the amount, type, distribution, and integrity of the information collected at the time of the investigation, and the methods utilized to collect and evaluate the data. Although Leighton has taken steps to obtain true copies of available information, we make no representation or warranty with respect to the accuracy or completeness of the information provided by others.

7.0 REFERENCES

California Code of Regulations, Title 22, Article 11.

Fusco Engineering Combined Topo Exhibit, Orange, California, June 2, 2022.

Fusco Engineering, Stockpile Quantities Exhibit, Rio Santiago, Flight October 20, 2021, Prepared September 7, 2022.

Geomatrix Consultants, Inc., Phase 1 Environmental Site Assessment, 6145 and 6146 Santiago Canyon Road, Orange California, August 2000.

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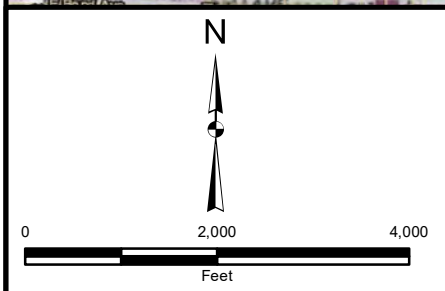
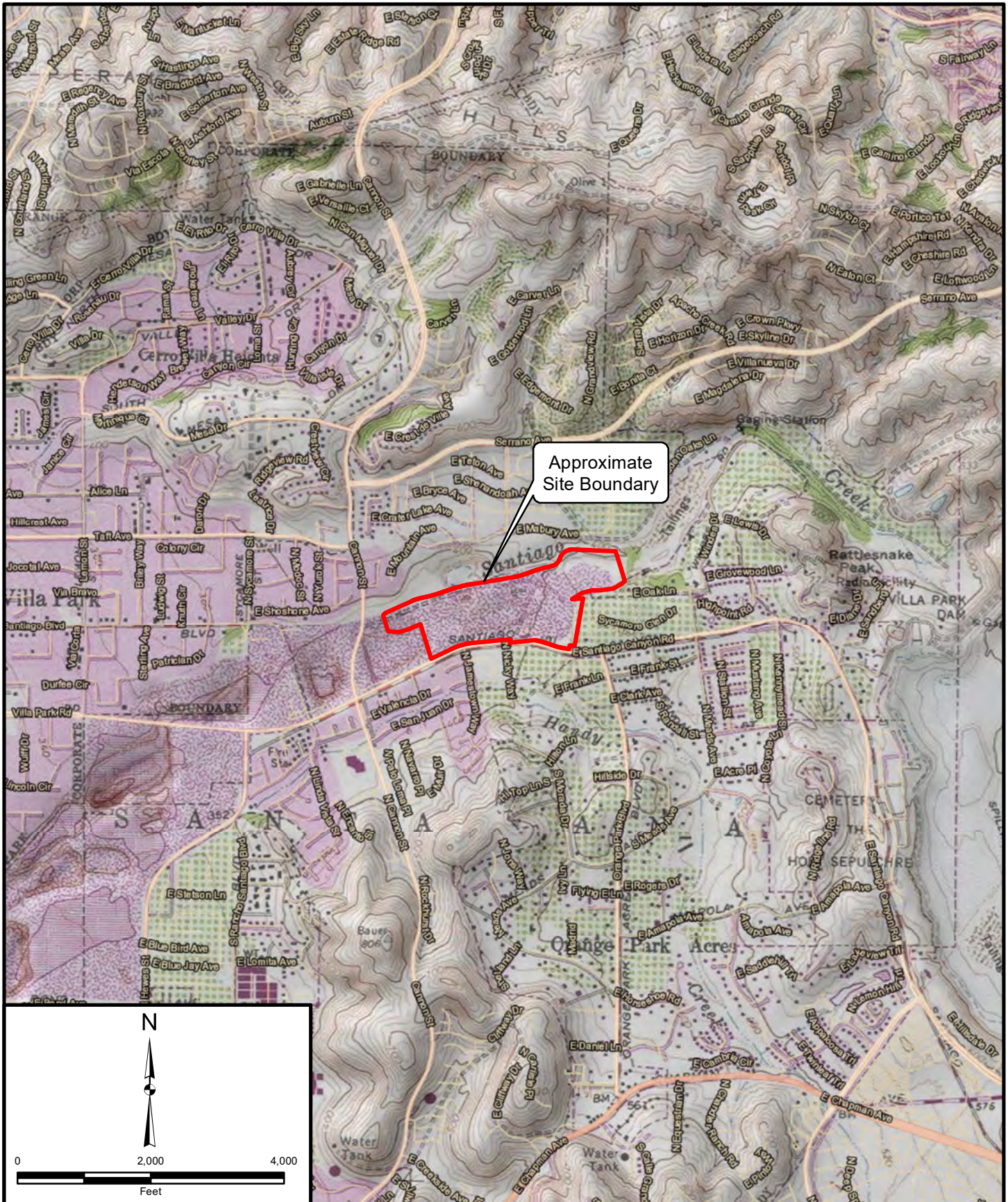
Leighton & Associates, Inc, Environmental Sampling Workplan for Stockpiled Solid Waste Testing for June 16, 2022 Stipulated Notice and Order for Milan REI X, LLC, 6145 East Santiago Canyon Road, City of Orange, Orange County, California. December 27, 2023.

Michael Brandman Associates Appendix I-5: Phase 1 Environmental Site Assessment, Rio Santiago Specific Plan Project Site 6118 E. Santiago Canyon Rd., Orange, Orange County, California, August 6, 2009.

Orange County Health Care Agency, Environmental Health, Stipulated Notice and Order, June 16, 2022.

State Water Resources Control Board, GeoTracker website for Milan REI X, LLC (T00000003698), https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000003698 July 2022

FIGURES





Project: CL.A.000IR23328	Eng/Geol: RJF/MJP
Scale: 1" = 2,000'	Date: May 2024
Base Map: ESRI ArcGIS Online 2022	
Author: (mmurphy)	

SITE LOCATION MAP
 6145 East Santiago Canyon Road
 City of Orange, Orange County, California

FIGURE 1

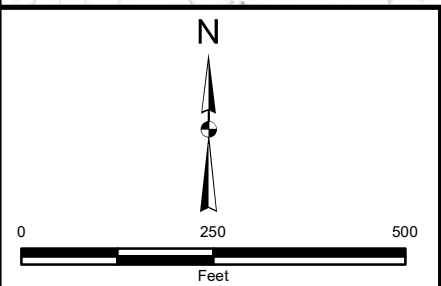
Legend

-  Stockpile H Boundary
-  Site boundary

References: Ginter & Associates, Inc. Summary and Compilation of All Geotechnical Reports, Analyses and Data for the Rio Santiago Development Site, March 10, 2022

Figure provided by Fuscoe Engineering entitled "Combined Topo Exhibit", Orange, California, dated June 2, 2022, Modified by Leighton

THIS AREA SPLICED IN FROM AN OLDER TOPO WITH OLD CONTOURS



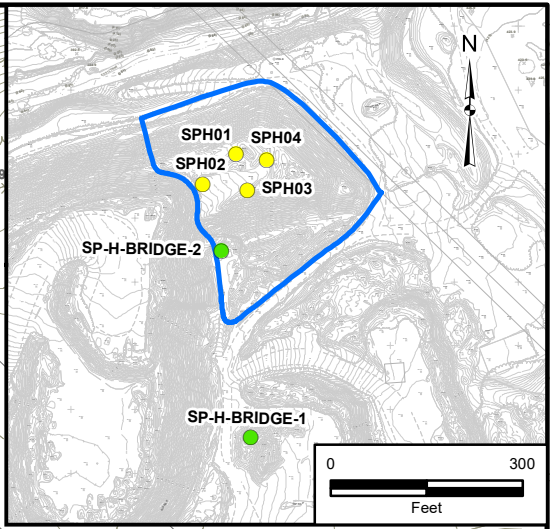
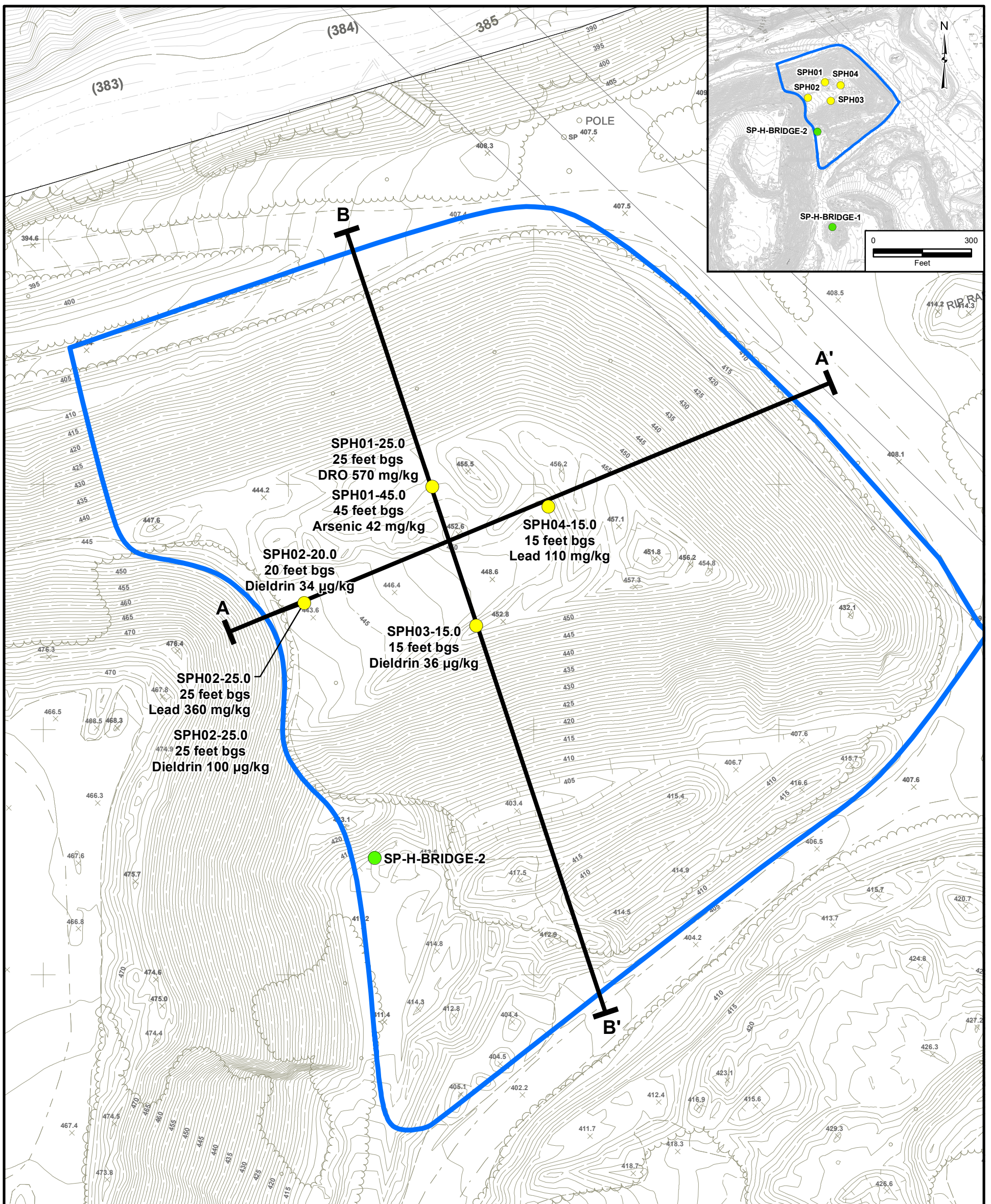
Project: 23328	Eng/Geol: RF/MJP
Scale: 1" = 250'	Date: May 2024
Author: (mmurphy)	

STOCKPILE AND SOIL MOUND LOCATIONS

6145 East Santiago Canyon Road
City of Orange, Orange County, California

FIGURE 2





Legend

- **SPH04** Location of Exploratory Soil Sample exceeding residential screening criteria
- **SP-H-BRIDGE-2** Location of Soil Sample with results below residential screening criteria
- Stockpile H Boundary
- B** **B'** Geologic Cross Section (See Figure 3A)

Notes:

1. Analytical results were compared to applicable residential regulatory screening criteria and hazardous waste criteria.

bgs: - below ground surface
DRO: - Diesel Range Organics
mg/kg: - milligrams per kilogram
µg/kg: - micrograms per kilogram

References: Ginter & Associates, Inc. Summary and Compilation of All Geotechnical Reports, Analyses and Data for the Rio Santiago Development Site, March 10, 2022

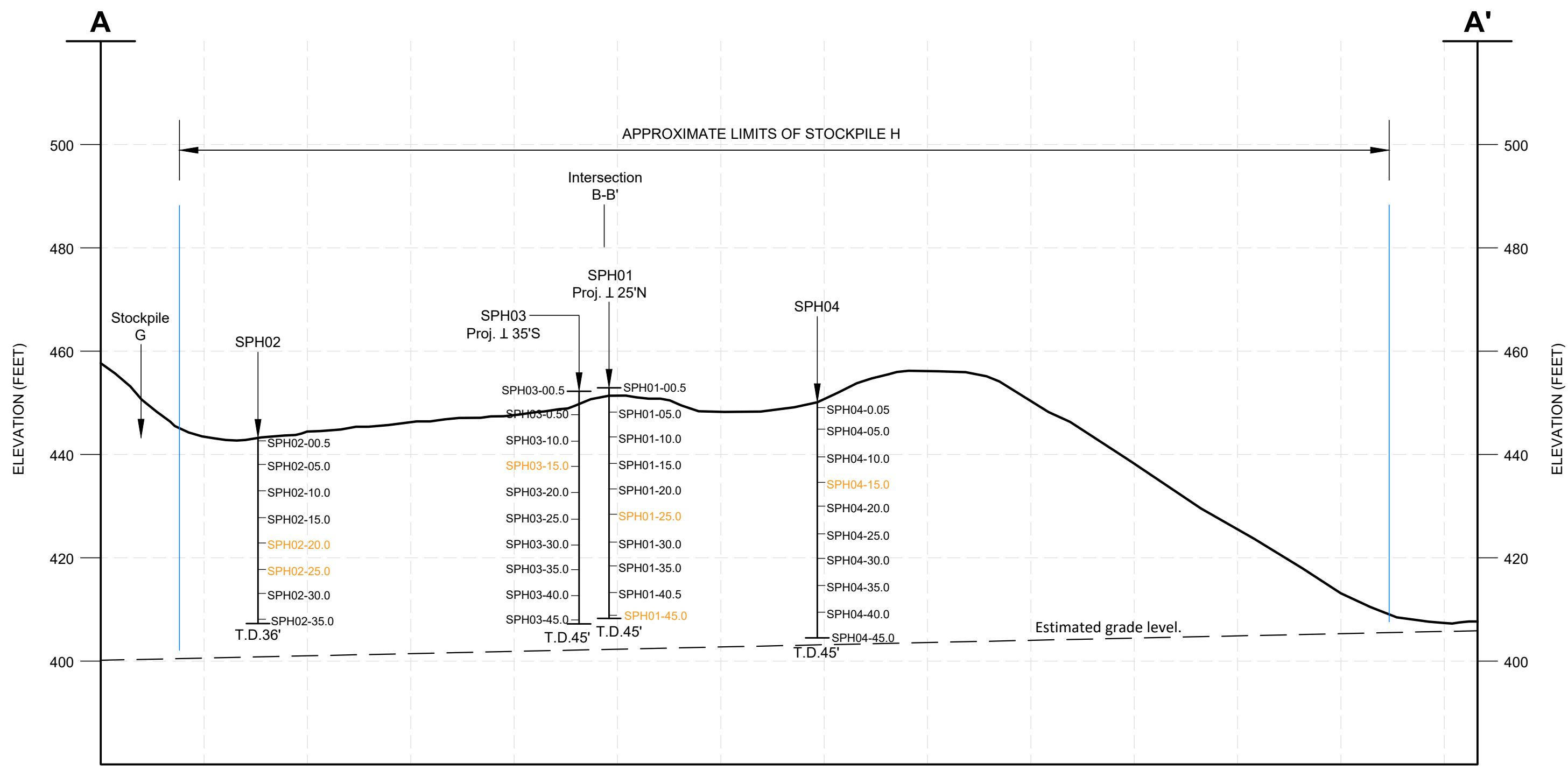
Figure provided by Fuscoe Engineering entitled "Combined Topo Exhibit", Orange, California, dated June 2, 2022, Modified by Leighton

Project: 23328	Eng/Geol: RF/MJP
Scale: 1" = 40'	Date: June 2024
Author: (brtan)	

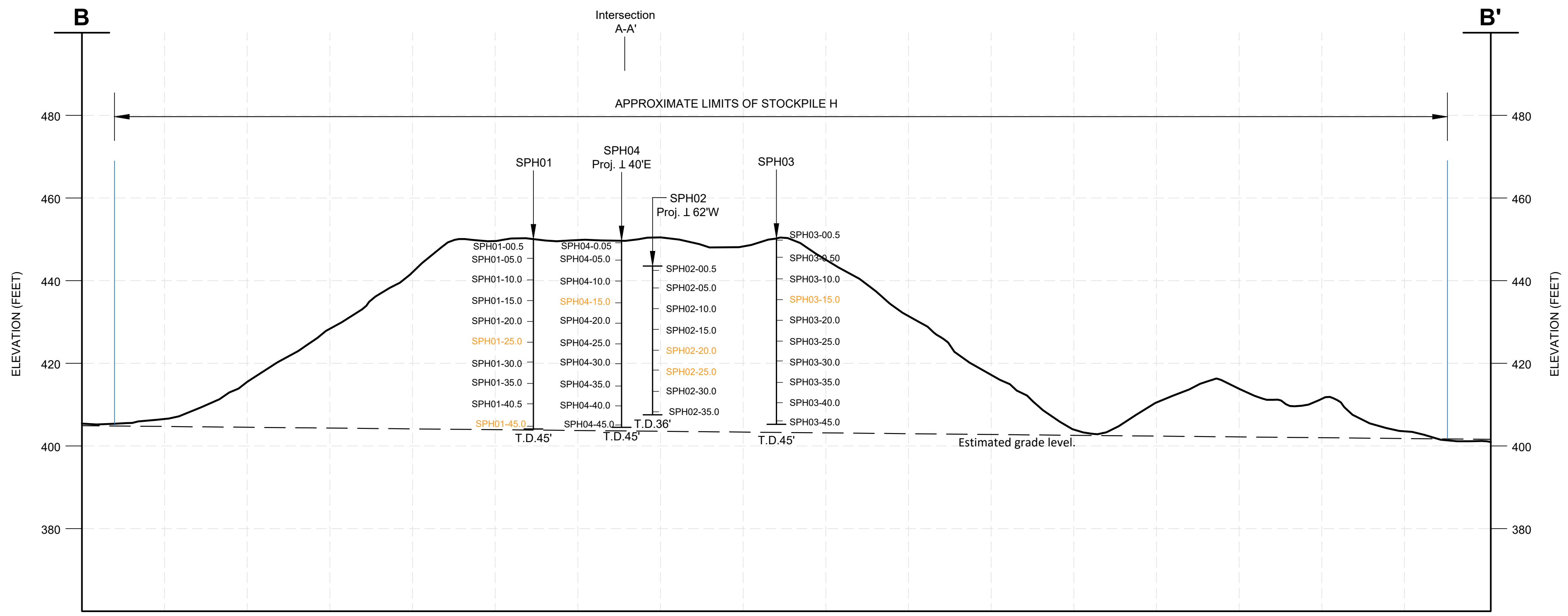
STOCKPILE H BORING LOCATIONS AND ANALYTICAL RESULTS
 6145 East Santiago County Road
 City of Orange, Orange County, California

FIGURE 3





N65°E = Section Line Orientation

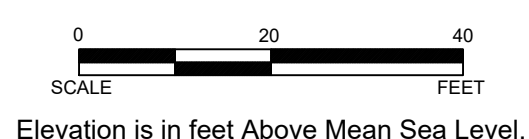


N17°W = Section Line Orientation

LEGEND

SPH02-20.0 Location of Soil Sample exceeding residential screening criteria

Note: Stockpile H was observed to be predominantly composed of fine silty sands with coarse gravel and minor concrete and asphalt fragments.



<p>STOCKPILE H CROSS SECTIONS A-A' AND B-B' 6145 East Santiago County Road City of Orange, Orange County, California</p>	<p>FIGURE 3A</p>
	<p>Scale: 1"=20'</p>
	<p>Date: June 2024</p>
	<p>Proj: 23328</p>
<p>Eng/Geol: RF/MJP</p>	

TABLES

TABLE 1
SUMMARY OF TITLE 22 METALS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC Background Screening Level - Arsenic ^(a)	DTSC-SL - Residential Soil ^(b)	USEPA RSL - Residential Soil ^(c)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0	SPH01-35.0	SPH01-45.0	SPH02-00.5
				Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0	35.0	45.0	0.5
				Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024	1/25/2024
Metals (mg/kg) - USEPA 6010B/7471A																
Antimony	NS	NA	31		<2.9	<2.9	<2.9	<2.9	<2.9	<3	<2.9	<2.9	<3	<2.9	<3	<2.9
Arsenic	12	0.11	NA		5.9	3.7	11	6.8	7	5.2	5.6	3.4	3.2	6.7	42	3.3
Barium	NS	NA	15,000		92	78	130	76	110	96	90	59	82	130	25	58
Beryllium	NS	16	160		<0.48	<0.49	0.49	<0.49	0.58	<0.5	0.67	<0.48	<0.5	<0.48	<0.5	<0.49
Cadmium	NS	NA	7.1		<0.48	<0.49	1.2	<0.49	<0.49	<0.5	<0.48	<0.48	<0.5	3.2	<0.5	<0.49
Chromium	NS	NA	120,000		16	17	19	16	19	21	15	16	20	28	7.2	16
Cobalt	NS	NA	23		3.5	6.0	5.6	4.5	7	5.7	6.7	5.6	7.1	7.4	2.4	5.2
Copper	NS	NA	3,100		12	13	18	10	21	21	29	11	14	21	4.1	13
Lead	NS	80	400		8.7	10	16	5.9	21	10	8.6	5.6	8.6	19	2.1	17
Mercury	NS	1	11		<0.15	<0.16	<0.15	<0.16	<0.15	<0.16	<0.14	<0.14	<0.14	<0.15	<0.15	<0.15
Molybdenum	NS	NA	390		<0.95	<0.98	1.1	1.2	<0.97	1	0.96	<0.95	<1	6.4	<0.99	<0.97
Nickel	NS	820	1,500		9.1	13	13	12	15	13	11	12	15	24	4.4	8.5
Selenium	NS	NA	390		<2.9	<2.9	<2.9	<2.9	<2.9	<3	<2.9	<2.9	<3	<2.9	<3	<2.9
Silver	NS	NA	390		<0.48	<0.49	<0.49	<0.49	<0.49	<0.5	<0.48	<0.48	<0.5	<0.48	<0.5	<0.49
Thallium	NS	NA	0.78		<2.9	<2.9	<2.9	<2.9	<2.9	<3	<2.9	<2.9	<3	<2.9	<3	<2.9
Vanadium	NS	NA	390		26	31	36	30	38	34	31	32	39	52	15	25
Zinc	NS	NA	23,000		46	52	120	40	91	64	47	48	130	83	19	51

Notes:

Title 22 Metals = The 17 Metals Listed in the California Code of Regulations, Title 22, Article 11.

(a) = California-EPA Department of Toxic Substances Control (DTSC), 2008, Determination of a Southern California Regional Background Arsenic Concentration in Soil.

(b) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1.

DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and

(c) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

mg/kg = milligrams per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 1
SUMMARY OF TITLE 22 METALS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC Background Screening Level - Arsenic ^(a)	DTSC-SL - Residential Soil ^(b)	USEPA RSL - Residential Soil ^(c)	Sample ID	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D	SPH02-35.0	SPH03-05.0	SPH03-10.0	SPH03-15.0	SPH03-20.0
				Sample Depth (feet bgs)	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	5.0	10.0	15.0	20.0
				Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Metals (mg/kg) - USEPA 6010B/7471A																
Antimony	NS	NA	31		<3	<3	<2.9	<2.9	<2.9	<2.9	<3	<2.9	<2.9	<2.9	<2.9	<3
Arsenic	12	0.11	NA		5	3	3.9	5.9	2.8	5	6.6	7.6	6.2	6.3	4.3	5.4
Barium	NS	NA	15,000		83	65	99	71	49	84	140	130	160	69	99	92
Beryllium	NS	16	160		<0.5	<0.5	0.54	0.72	<0.48	<0.49	0.79	0.64	0.6	<0.48	0.5	<0.5
Cadmium	NS	NA	7.1		6.6	<0.5	1.1	<0.48	<0.48	<0.49	<0.5	<0.48	<0.48	<0.48	0.53	3.2
Chromium	NS	NA	120,000		14	8.8	26	12	5.8	18	28	21	21	21	22	29
Cobalt	NS	NA	23		4.7	3.3	7.6	6.5	5	4.5	10	8.2	7.9	5.5	6.4	7.8
Copper	NS	NA	3,100		9.6	5.9	13	9.3	5.3	16	33	19	17	32	18	21
Lead	NS	80	400		5	4.6	5	6.8	360	38	17	8.6	9.1	7.9	17	9.5
Mercury	NS	1	11		<0.16	<0.16	<0.15	0.35	0.16	<0.15	0.21	<0.15	<0.16	<0.16	<0.14	<0.16
Molybdenum	NS	NA	390		1.2	<0.99	<0.97	1.9	<0.95	1.9	1.7	2.4	1.6	1.1	1	5
Nickel	NS	820	1,500		17	6.3	21	9.9	9.2	11	18	17	18	13	17	29
Selenium	NS	NA	390		<3	<3	<2.9	<2.9	<2.9	<2.9	<3	<2.9	<2.9	<2.9	<2.9	<3
Silver	NS	NA	390		<0.5	<0.5	<0.49	<0.48	<0.48	<0.49	<0.5	<0.48	<0.48	<0.48	<0.48	<0.5
Thallium	NS	NA	0.78		<3	<3	<2.9	<2.9	<2.9	<2.9	<3	<2.9	<2.9	<2.9	<2.9	<3
Vanadium	NS	NA	390		30	22	43	22	14	25	46	41	42	42	35	42
Zinc	NS	NA	23,000		44	27	49	61	44	84	97	72	62	44	60	76

Notes:

Title 22 Metals = The 17 Metals Listed in the California Code of Regulations, Title 22, Article 11.

(a) = California-EPA Department of Toxic Substances Control (DTSC), 2008, Determination of a Southern California Regional Background Arsenic Concentration in Soil.

(b) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1.

DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and

(c) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

mg/kg = milligrams per kilogram.

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Applicable conservative screening level for a residential setting.

TABLE 1
SUMMARY OF TITLE 22 METALS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC Background Screening Level - Arsenic ^(a)	DTSC-SL - Residential Soil ^(b)	USEPA RSL - Residential Soil ^(c)	Sample ID	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0	SPH03-45.0	SPH04-00.5	SPH04-05.0	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	
				Sample Depth (feet bgs)	25.0	30.0	30.0	35.0	40.0	45.0	0.5	5.0	10.0	15.0	20.0	25.0	
				Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Metals (mg/kg) - USEPA 6010B/7471A																	
Antimony	NS	NA	31		<3	<3	<2.9	<3	<2.9	<2.9	<3	<2.9	<2.9	<2.9	<3	<2.9	<2.9
Arsenic	12	0.11	NA		7.5	4.5	2.7	7.2	3.6	5.1	4.9	2.6	6.3	4.5	5.5	6.9	6.9
Barium	NS	NA	15,000		130	79	65	100	76	110	94	75	74	100	110	88	88
Beryllium	NS	16	160		<0.5	<0.5	<0.48	0.52	<0.48	<0.49	0.55	0.58	<0.48	<0.49	0.57	<0.48	<0.48
Cadmium	NS	NA	7.1		0.62	<0.5	<0.48	<0.5	<0.48	<0.49	<0.5	<0.48	<0.48	0.74	<0.5	<0.48	<0.48
Chromium	NS	NA	120,000		20	16	15	19	35	29	19	15	18	17	19	12	12
Cobalt	NS	NA	23		7.3	5.6	6.1	7.4	10	8.9	6.3	4.4	4.1	5.5	6.2	4.2	4.2
Copper	NS	NA	3,100		17	13	11	21	25	22	16	7.4	15	13	9.9	5.9	5.9
Lead	NS	80	400		13	10	4.5	13	6	6.6	8.9	4.7	8.1	110	7.5	5.3	5.3
Mercury	NS	1	11		<0.15	<0.17	<0.15	<0.15	<0.15	<0.16	<0.14	<0.15	<0.15	<0.16	<0.16	<0.16	<0.16
Molybdenum	NS	NA	390		2.1	1.5	<0.96	1.4	<0.96	2.7	<0.99	<0.95	1.6	2.7	<0.99	<0.95	<0.95
Nickel	NS	820	1,500		20	9.9	11	16	26	17	14	9.1	11	18	12	7.1	7.1
Selenium	NS	NA	390		<3	<3	<2.9	<3	<2.9	<2.9	<3	<2.9	<2.9	<2.9	<3	<2.9	<2.9
Silver	NS	NA	390		<0.5	<0.5	<0.48	<0.5	<0.48	<0.49	<0.5	<0.48	<0.48	<0.49	<0.5	<0.48	<0.48
Thallium	NS	NA	0.78		<3	<3	<2.9	<3	<2.9	<2.9	<3	<2.9	<2.9	<2.9	<3	<2.9	<2.9
Vanadium	NS	NA	390		41	31	32	36	57	51	35	27	30	33	43	21	21
Zinc	NS	NA	23,000		73	40	47	72	43	56	59	36	56	50	58	28	28

Notes:

Title 22 Metals = The 17 Metals Listed in the California Code of Regulations, Title 22, Article 11.

(a) = California-EPA Department of Toxic Substances Control (DTSC), 2008, Determination of a Southern California Regional Background Arsenic Concentration in Soil.

(b) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1.

DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and

(c) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

mg/kg = milligrams per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 1
SUMMARY OF TITLE 22 METALS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC Background Screening Level - Arsenic ^(a)	DTSC-SL - Residential Soil ^(b)	USEPA RSL - Residential Soil ^(c)	Sample ID	SPH04-35.0	SPH04-45.0
				Sample Depth (feet bgs)	35.0	45.0
				Sampling Date	2/26/2024	2/26/2024
Metals (mg/kg) - USEPA 6010B/7471A						
Antimony	NS	NA	31		<2.9	<2.9
Arsenic	12	0.11	NA		5.6	5.3
Barium	NS	NA	15,000		97	98
Beryllium	NS	16	160		0.51	0.52
Cadmium	NS	NA	7.1		0.64	<0.48
Chromium	NS	NA	120,000		20	43
Cobalt	NS	NA	23		7.3	10
Copper	NS	NA	3,100		18	25
Lead	NS	80	400		9.1	5.8
Mercury	NS	1	11		<0.14	<0.14
Molybdenum	NS	NA	390		1.2	1.3
Nickel	NS	820	1,500		16	22
Selenium	NS	NA	390		<2.9	<2.9
Silver	NS	NA	390		<0.49	<0.48
Thallium	NS	NA	0.78		<2.9	<2.9
Vanadium	NS	NA	390		44	57
Zinc	NS	NA	23,000		57	63

Notes:

Title 22 Metals = The 17 Metals Listed in the California Code of Regulations, Title 22, Article 11.

(a) = California-EPA Department of Toxic Substances Control (DTSC), 2008, Determination of a Southern California Regional Background Arsenic Concentration in Soil.

(b) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1.

DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and

(c) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

mg/kg = milligrams per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0
				Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0
				Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
TPH (mg/kg) - USEPA 8015M													
DRO C10-C28	255	NA	NA		<50	10	12	<9.9	<9.9	30	<9.9	<10	570
GRO C8-C10	429	NA	NA		<50	<10	<10	<9.9	<9.9	<20	<9.9	<10	<200
ORO C28-C44	12,033	NA	NA		140	28	<20	<20	<20	55	<20	<20	880
VOCs (µg/kg) - USEPA 8260B													
1,1,1,2-Tetrachloroethane	2,033	2,000	2,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	1,718,000	1,700,000	8,100,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	609	600	600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	1,154	NA	1,100		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	3,580	3,600	3,600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	82,868	83,000	230,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	NA	40,000	63,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	23	4,800	5.1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	23,974	7,800	24,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	NA	NA	300,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	1,824,000	NA	1,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	470	NA	460		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	1,003	NA	2,500		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	NA	NA	270,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	NA	410,000	1,600,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	2,646	NA	2,600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NA	NA	27,000,000		<100	<100	<100	<100	<100	<100	<100	<100	<100
2-Chlorotoluene	NA	470,000	1,600,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3-Chloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene	NA	440,000	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	NA	NA	33,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	60,740,000	NA	70,000,000		<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	330	330	1,200		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	NA	NA	290,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	NA	NA	150,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	288	290	290		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	17,849	19,000	19,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0
				Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0
				Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Bromomethane	6,894	NA	6,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	618	650	650		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	274,826	NA	280,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	13,964,000	NA	5,400,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	320	NA	320		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	112,991	NA	110,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	18,504	18,000	63,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	NA	NA	1,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,4-Dichloro-2-butene	NA	NA	7.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	8,277	940	8,300		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloropropane (DBCP)	NA	NA	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	NA	NA	87,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	5,889	NA	5,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylene Dibromide (EDB)	NA	NA	36		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Freon 113	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene	1,202	1,200	1,200		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene	NA	NA	1,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
m,p-Xylenes	NA	NA	NA		<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl tert-Butyl Ether (MTBE)	NA	NA	47,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	1,881	2,200	57,000		<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	3,822	2,000	2,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	NA	2,400,000	3,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
o-Xylene	NA	NA	640,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
para-Isopropyl Toluene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Propylbenzene	NA	NA	3,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	NA	2,200,000	7,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	5,711,000	5,600,000	6,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	NA	2,200,000	7,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	593	590	24,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1,107,000	1,100,000	4,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	134,938	130,000	70,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	NA	NA	7.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	953	NA	940		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0
				Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0
				Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Trichlorofluoromethane	NA	1,200,000	23,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	8	8	59		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes, Total	NA	NA	580,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Notes:

VOCs = Volatile Organic Compounds.

TPH-GRO = Total Petroleum Hydrocarbons Gasoline Range Organics.

TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics.

TPH-ORO = Total Petroleum Hydrocarbon Oil Range Organics.

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Residential Setting, July 2019.

(b) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-

Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and Ecological Risk

(HERO) Note 3, updated June 2020 revised May 2022.

(c) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

mg/kg = milligrams per kilogram.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

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Applicable conservative screening level for a residential setting.

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SPH01-35.0	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D
				Sample Depth (feet bgs)	35.0	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0
				Sampling Date	2/26/2024	2/26/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
TPH (mg/kg) - USEPA 8015M														
DRO C10-C28	255	NA	NA		<9.9	33	<100	<10	<9.9	55	<9.9	<9.9	23	11
GRO C8-C10	429	NA	NA		<9.9	<20	<100	<10	<9.9	<20	<9.9	<9.9	<9.9	<10
ORO C28-C44	12,033	NA	NA		<20	76	220	<20	<20	80	<20	<20	<20	<20
VOCs (µg/kg) - USEPA 8260B														
1,1,1,2-Tetrachloroethane	2,033	2,000	2,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	1,718,000	1,700,000	8,100,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	609	600	600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	1,154	NA	1,100		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	3,580	3,600	3,600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	82,868	83,000	230,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	NA	40,000	63,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	23	4,800	5.1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	23,974	7,800	24,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	NA	NA	300,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	1,824,000	NA	1,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	470	NA	460		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	1,003	NA	2,500		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	NA	NA	270,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	NA	410,000	1,600,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	2,646	NA	2,600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NA	NA	27,000,000		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
2-Chlorotoluene	NA	470,000	1,600,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3-Chloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene	NA	440,000	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	NA	NA	33,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	60,740,000	NA	70,000,000		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	330	330	1,200		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	NA	NA	290,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	NA	NA	150,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	288	290	290		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	17,849	19,000	19,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SPH01-35.0	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D
				Sample Depth (feet bgs)	35.0	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0
				Sampling Date	2/26/2024	2/26/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Bromomethane	6,894	NA	6,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	618	650	650		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	274,826	NA	280,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	13,964,000	NA	5,400,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	320	NA	320		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	112,991	NA	110,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	18,504	18,000	63,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	NA	NA	1,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,4-Dichloro-2-butene	NA	NA	7.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	8,277	940	8,300		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloropropane (DBCP)	NA	NA	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	NA	NA	87,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	5,889	NA	5,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylene Dibromide (EDB)	NA	NA	36		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Freon 113	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene	1,202	1,200	1,200		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene	NA	NA	1,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
m,p-Xylenes	NA	NA	NA		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl tert-Butyl Ether (MTBE)	NA	NA	47,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	1,881	2,200	57,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	3,822	2,000	2,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	NA	2,400,000	3,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
o-Xylene	NA	NA	640,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
para-Isopropyl Toluene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Propylbenzene	NA	NA	3,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	NA	2,200,000	7,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	5,711,000	5,600,000	6,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	NA	2,200,000	7,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	593	590	24,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1,107,000	1,100,000	4,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	134,938	130,000	70,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	NA	NA	7.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	953	NA	940		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID Sample Depth (feet bgs) Sampling Date	SPH01-35.0	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D
					35.0	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0
Trichlorofluoromethane	NA	1,200,000	23,000,000	2/26/2024	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	8	8	59	2/26/2024	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes, Total	NA	NA	580,000	1/25/2024	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Notes:

VOCs = Volatile Organic Compounds.

TPH-GRO = Total Petroleum Hydrocarbons Gasoline Range Organics.

TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics.

TPH-ORO = Total Petroleum Hydrocarbon Oil Range Organics.

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Residential Setting, July 2019.

(b) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-

Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and Ecological Risk

(HERO) Note 3, updated June 2020 revised May 2022.

(c) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residei

mg/kg = milligrams per kilogram.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SPH02-35.0	SPH03-05.0	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0
				Sample Depth (feet bgs)	35.0	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0
				Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
TPH (mg/kg) - USEPA 8015M														
DRO C10-C28	255	NA	NA		<9.9	16	<10	15	20	<10	<20	<9.9	<10	22
GRO C8-C10	429	NA	NA		<9.9	<9.9	<10	<10	<10	<10	<20	<9.9	<10	<9.9
ORO C28-C44	12,033	NA	NA		<20	24	<20	24	29	<20	<40	<20	22	59
VOCs (µg/kg) - USEPA 8260B														
1,1,1,2-Tetrachloroethane	2,033	2,000	2,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	1,718,000	1,700,000	8,100,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	609	600	600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	1,154	NA	1,100		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	3,580	3,600	3,600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	82,868	83,000	230,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	NA	40,000	63,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	23	4,800	5.1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	23,974	7,800	24,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	NA	NA	300,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	1,824,000	NA	1,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	470	NA	460		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	1,003	NA	2,500		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	NA	NA	270,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	NA	410,000	1,600,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	2,646	NA	2,600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NA	NA	27,000,000		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
2-Chlorotoluene	NA	470,000	1,600,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3-Chloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene	NA	440,000	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	NA	NA	33,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	60,740,000	NA	70,000,000		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	330	330	1,200		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	NA	NA	290,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	NA	NA	150,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	288	290	290		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	17,849	19,000	19,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 2
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6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SPH02-35.0	SPH03-05.0	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0
				Sample Depth (feet bgs)	35.0	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0
				Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Bromomethane	6,894	NA	6,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	618	650	650		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	274,826	NA	280,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	13,964,000	NA	5,400,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	320	NA	320		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	112,991	NA	110,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	18,504	18,000	63,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	NA	NA	1,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,4-Dichloro-2-butene	NA	NA	7.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	8,277	940	8,300		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloropropane (DBCP)	NA	NA	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	NA	NA	87,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	5,889	NA	5,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylene Dibromide (EDB)	NA	NA	36		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Freon 113	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene	1,202	1,200	1,200		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene	NA	NA	1,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
m,p-Xylenes	NA	NA	NA		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl tert-Butyl Ether (MTBE)	NA	NA	47,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	1,881	2,200	57,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	3,822	2,000	2,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	NA	2,400,000	3,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
o-Xylene	NA	NA	640,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
para-Isopropyl Toluene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Propylbenzene	NA	NA	3,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	NA	2,200,000	7,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	5,711,000	5,600,000	6,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	NA	2,200,000	7,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	593	590	24,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1,107,000	1,100,000	4,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	134,938	130,000	70,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	NA	NA	7.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	953	NA	940		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SPH02-35.0	SPH03-05.0	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0
				Sample Depth (feet bgs)	35.0	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0
				Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Trichlorofluoromethane	NA	1,200,000	23,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	8	8	59		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes, Total	NA	NA	580,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Notes:

VOCs = Volatile Organic Compounds.

TPH-GRO = Total Petroleum Hydrocarbons Gasoline Range Organics.

TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics.

TPH-ORO = Total Petroleum Hydrocarbon Oil Range Organics.

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Residential Setting, July 2019.

(b) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-

Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and Ecological Risk

(HERO) Note 3, updated June 2020 revised May 2022.

(c) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

mg/kg = milligrams per kilogram.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SPH03-45.0	SPH04-00.5	SPH04-05.0	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
				Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	35.0	45.0
				Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
TPH (mg/kg) - USEPA 8015M													
DRO C10-C28	255	NA	NA		<9.9	<20	12	<50	<50	<10	<9.9	11	<9.9
GRO C8-C10	429	NA	NA		<9.9	<20	<9.9	<50	<50	<10	<9.9	<10	<9.9
ORO C28-C44	12,033	NA	NA		<20	50	30	<99	140	<20	<20	30	<20
VOCs (µg/kg) - USEPA 8260B													
1,1,1,2-Tetrachloroethane	2,033	2,000	2,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	1,718,000	1,700,000	8,100,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	609	600	600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	1,154	NA	1,100		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	3,580	3,600	3,600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	82,868	83,000	230,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene	NA	40,000	63,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	23	4,800	5.1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	23,974	7,800	24,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	NA	NA	300,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	1,824,000	NA	1,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	470	NA	460		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	1,003	NA	2,500		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	NA	NA	270,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane	NA	410,000	1,600,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	2,646	NA	2,600		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NA	NA	27,000,000		<100	<100	<100	<100	<100	<100	<100	<100	<100
2-Chlorotoluene	NA	470,000	1,600,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3-Chloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene	NA	440,000	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	NA	NA	33,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	60,740,000	NA	70,000,000		<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	330	330	1,200		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene	NA	NA	290,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	NA	NA	150,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	288	290	290		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	17,849	19,000	19,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SPH03-45.0	SPH04-00.5	SPH04-05.0	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
				Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	35.0	45.0
				Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
Bromomethane	6,894	NA	6,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	618	650	650		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	274,826	NA	280,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	13,964,000	NA	5,400,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	320	NA	320		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	112,991	NA	110,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	18,504	18,000	63,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	NA	NA	1,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,4-Dichloro-2-butene	NA	NA	7.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	8,277	940	8,300		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloropropane (DBCP)	NA	NA	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane	NA	NA	87,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	5,889	NA	5,800		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylene Dibromide (EDB)	NA	NA	36		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Freon 113	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene	1,202	1,200	1,200		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene	NA	NA	1,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
m,p-Xylenes	NA	NA	NA		<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl tert-Butyl Ether (MTBE)	NA	NA	47,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	1,881	2,200	57,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	3,822	2,000	2,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	NA	2,400,000	3,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
o-Xylene	NA	NA	640,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
para-Isopropyl Toluene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Propylbenzene	NA	NA	3,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	NA	2,200,000	7,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	5,711,000	5,600,000	6,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	NA	2,200,000	7,800,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	593	590	24,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1,107,000	1,100,000	4,900,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	134,938	130,000	70,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	NA	NA	NA		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,4-Dichloro-2-butene	NA	NA	7.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	953	NA	940		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 2
SUMMARY OF TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	SFBRWQCB Residential Soil Screening Levels ^(a)	DTSC-SL - Residential Soil (b)	USEPA RSL - Residential Soil (c)	Sample ID	SPH03-45.0	SPH04-00.5	SPH04-05.0	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
				Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	35.0	45.0
				Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
Trichlorofluoromethane	NA	1,200,000	23,000,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	8	8	59		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes, Total	NA	NA	580,000		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Notes:

VOCs = Volatile Organic Compounds.

TPH-GRO = Total Petroleum Hydrocarbons Gasoline Range Organics.

TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics.

TPH-ORO = Total Petroleum Hydrocarbon Oil Range Organics.

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Residential Setting, July 2019.

(b) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-

Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and Ecological Risk

(HERO) Note 3, updated June 2020 revised May 2022.

(c) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

mg/kg = milligrams per kilogram.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

1,200,000 Applicable conservative screening level for a residential setting.

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0
			Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0
			Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
SVOCs (µg/kg) - USEPA 8270C												
1,2,4-Trichlorobenzene	7,800	24,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
1,2-Dichlorobenzene	NA	1,800,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
1,2-diphenylhydrazine (as azobenzene)	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
1,3-Dichlorobenzene	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
1,4-Dichlorobenzene	NA	2,600		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
1-Methylnaphthalene	9,900	18,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2,4,5-Trichlorophenol	6,300,000	6,300,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2,4,6-Trichlorophenol	7,800	49,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2,4-Dichlorophenol	190,000	190,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2,4-Dimethylphenol	1,300,000	1,300,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2,4-Dinitrophenol	130,000	130,000		<60,000	<30,000	<1,200	<4,800	<1,200	<24,000	<1,200	<2,400	<600,000
2,4-Dinitrotoluene	1,700	1,700		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2,6-Dinitrotoluene	360	360		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2-Chloronaphthalene	4,100,000	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2-Chlorophenol	340,000	390,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2-Methylnaphthalene	190,000	240,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2-Methylphenol	3,200,000	3,200,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2-Nitroaniline	630,000	630,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
2-Nitrophenol	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
3-,4-Methylphenol	NA	NA		<20,000	<6,200	<250	<1,600	<400	<8,000	<400	<800	<200,000,000
3,3-Dichlorobenzidine	450	1,200		<60,000	<30,000	<1,200	<4,800	<1,200	<24,000	<1,200	<2,400	<600,000
3-Nitroaniline	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
4,6-Dinitro-2-Methylphenol	5,100	5,100		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
4-Bromophenyl-phenylether	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
4-Chloro-3-methylphenol	6,300,000	6,300,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
4-Chlorophenyl-phenylether	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
4-Nitroaniline	27,000	27,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
4-Nitrophenol	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Aniline	95,000	95,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Benzdine	190,000	0.53		<60,000	<30,000	<1,200	<4,800	<1,200	<24,000	<1,200	<2,400	<600,000
Benzoic Acid	250,000,000	250,000,000		<60,000	<30,000	<250	<4,800	<1,200	<24,000	<1,200	<2,400	<600,000
Benzyl Alcohol	6,300,000	6,300,000		<13,000	<6,200	<1,200	<1,000	<250	<5,000	<250	<500	<130,000
Bis(2-chloroethoxy) methane	190,000	190,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Bis(2-chloroethyl) ether	100	230		<60,000	<30,000	<1,200	<4,800	<1,200	<24,000	<1,200	<2,400	<600,000
Bis(2-chloroisopropyl) ether	NA	3,100,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Bis(2-ethylhexyl) Phthalate	39,000	39,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0
			Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0
			Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Butyl Benzyl Phthalate	290,000	290,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Carbazole	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Dibenzofuran	66,000	78,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Diethyl Phthalate	51,000,000	51,000,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Dimethyl phthalate	NA	NA		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Di-n-butyl Phthalate	6,300,000	6,300,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Di-n-Octyl Phthalate	630,000	630,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Hexachlorobenzene	190	210		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Hexachlorobutadiene	1,200	1,200		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Hexachlorocyclopentadiene	NA	1,800		<60,000	<6,200	<1,200	<4,800	<1,200	<24,000	<1,200	<2,400	<600,000
Hexachloroethane	NA	1,800		<13,000	<30,000	<250	<1,000	<250	<5,000	<250	<500	<130,000
Isophorone	570,000	570,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Nitrobenzene	NA	5,100		<60,000	<30,000	<1,200	<4,800	<1,200	<24,000	<1,200	<2,400	<600,000
n-Nitrosodimethylamine	NA	2		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
n-Nitroso-di-N-propylamine	78	78		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
n-Nitrosodiphenylamine	110,000	110,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
p-Chloroaniline	2,700	2,700		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Pentachlorophenol	1,000	1,000		<60,000	<30,000	<1,200	<4,800	<1,200	<24,000	<1,200	<2,400	<600,000
Phenol	19,000,000	19,000,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
Pyridine	58,000	78,000		<13,000	<6,200	<250	<1,000	<250	<5,000	<250	<500	<130,000
PAHs (µg/kg) - USEPA 8270C-SIM												
1-Methylnaphthalene	9,900	18,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
2-Methylnaphthalene	190,000	240,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Acenaphthene	3,300,000	3,600,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Acenaphthylene	NA	NA		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Anthracene	17,000,000	18,000,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Benzo(a)anthracene	1,100	1,100		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Benzo(a)pyrene	NA	110		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Benzo(b)fluoranthene	1,100	1,100		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Benzo(g,h,i)perylene	NA	NA		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Benzo(k)fluoranthene	11,000	11,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Chrysene	110,000	110,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Dibenz(a,h)anthracene	28	110		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Fluoranthene	2,400,000	2,400,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Fluorene	2,300,000	2,400,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Indeno(1,2,3-c,d)pyrene	1,100	1,100		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Naphthalene	2,000	2,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000

TABLE 3
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6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0
			Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0
			Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Phenanthrene	NA	NA		<500	<250	<10	<40	<10	<200	<10	<20	<5,000
Pyrene	1,800,000	1,800,000		<500	<250	<10	<40	<10	<200	<10	<20	<5,000

Notes:

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons.

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and Ecological Risk (HERO) Note 3, updated June 2020 revised May 2022.

(b) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

1,800,000 Applicable conservative screening level for a residential setting.

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6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH01-35.0	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D	
			Sample Depth (feet bgs)	35.0	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0	
			Sampling Date	2/26/2024	2/26/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
SVOCs (µg/kg) - USEPA 8270C														
1,2,4-Trichlorobenzene	7,800	24,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
1,2-Dichlorobenzene	NA	1,800,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
1,2-diphenylhydrazine (as azobenzene)	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
1,3-Dichlorobenzene	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
1,4-Dichlorobenzene	NA	2,600		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
1-Methylnaphthalene	9,900	18,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2,4,5-Trichlorophenol	6,300,000	6,300,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2,4,6-Trichlorophenol	7,800	49,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2,4-Dichlorophenol	190,000	190,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2,4-Dimethylphenol	1,300,000	1,300,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2,4-Dinitrophenol	130,000	130,000		<1,200	<12,000	<120,000	<2,400	<1,200	<4,800	<1,200	<1,200	<1,200	<1,200	
2,4-Dinitrotoluene	1,700	1,700		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2,6-Dinitrotoluene	360	360		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2-Chloronaphthalene	4,100,000	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2-Chlorophenol	340,000	390,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2-Methylnaphthalene	190,000	240,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2-Methylphenol	3,200,000	3,200,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2-Nitroaniline	630,000	630,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
2-Nitrophenol	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
3-,4-Methylphenol	NA	NA		<400	<4,000	<40,000	<800	<400	<1,600	<400	<400	<400	<400	
3,3-Dichlorobenzidine	450	1,200		<1,200	<12,000	<120,000	<2,400	<1,200	<4,800	<1,200	<1,200	<1,200	<1,200	
3-Nitroaniline	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
4,6-Dinitro-2-Methylphenol	5,100	5,100		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
4-Bromophenyl-phenylether	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
4-Chloro-3-methylphenol	6,300,000	6,300,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
4-Chlorophenyl-phenylether	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
4-Nitroaniline	27,000	27,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
4-Nitrophenol	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Aniline	95,000	95,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Benzidine	190,000	0.53		<1,200	<12,000	<120,000	<2,400	<1,200	<4,800	<1,200	<1,200	<1,200	<1,200	
Benzoic Acid	250,000,000	250,000,000		<1,200	<12,000	<120,000	<2,400	<1,200	<4,800	<1,200	<1,200	<1,200	<1,200	
Benzyl Alcohol	6,300,000	6,300,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Bis(2-chloroethoxy) methane	190,000	190,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Bis(2-chloroethyl) ether	100	230		<1,200	<12,000	<120,000	<2,400	<1,200	<4,800	<1,200	<1,200	<1,200	<1,200	
Bis(2-chloroisopropyl) ether	NA	3,100,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Bis(2-ethylhexyl) Phthalate	39,000	39,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH01-35.0	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D	
			Sample Depth (feet bgs)	35.0	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0	
			Sampling Date	2/26/2024	2/26/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Butyl Benzyl Phthalate	290,000	290,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Carbazole	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Dibenzofuran	66,000	78,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Diethyl Phthalate	51,000,000	51,000,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Dimethyl phthalate	NA	NA		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Di-n-butyl Phthalate	6,300,000	6,300,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Di-n-Octyl Phthalate	630,000	630,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Hexachlorobenzene	190	210		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Hexachlorobutadiene	1,200	1,200		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Hexachlorocyclopentadiene	NA	1,800		<1,200	<12,000	<120,000	<2,400	<1,200	<4,800	<1,200	<1,200	<1,200	<1,200	
Hexachloroethane	NA	1,800		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Isophorone	570,000	570,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Nitrobenzene	NA	5,100		<1,200	<12,000	<120,000	<2,400	<1,200	<4,800	<1,200	<1,200	<1,200	<1,200	
n-Nitrosodimethylamine	NA	2		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
n-Nitroso-di-N-propylamine	78	78		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
n-Nitrosodiphenylamine	110,000	110,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
p-Chloroaniline	2,700	2,700		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Pentachlorophenol	1,000	1,000		<1,200	<12,000	<120,000	<2,400	<1,200	<4,800	<1,200	<1,200	<1,200	<1,200	
Phenol	19,000,000	19,000,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
Pyridine	58,000	78,000		<250	<2,500	<25,000	<500	<250	<1,000	<250	<250	<250	<250	
PAHs (µg/kg) - USEPA 8270C-SIM														
1-Methylnaphthalene	9,900	18,000		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10	
2-Methylnaphthalene	190,000	240,000		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10	
Acenaphthene	3,300,000	3,600,000		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10	
Acenaphthylene	NA	NA		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10	
Anthracene	17,000,000	18,000,000		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10	
Benzo(a)anthracene	1,100	1,100		<10	<100	<1,000	<20	<10	<40	<10	<10	75	<10	
Benzo(a)pyrene	NA	110		<10	<100	<1,000	<20	<10	<40	<10	<10	55	<10	
Benzo(b)fluoranthene	1,100	1,100		<10	<100	<1,000	<20	<10	<40	<10	<10	74	<10	
Benzo(g,h,i)perylene	NA	NA		<10	<100	<1,000	<20	<10	<40	<10	<10	19	<10	
Benzo(k)fluoranthene	11,000	11,000		<10	<100	<1,000	<20	<10	<40	<10	<10	28	<10	
Chrysene	110,000	110,000		<10	<100	<1,000	<20	<10	<40	<10	<10	82	<10	
Dibenz(a,h)anthracene	28	110		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10	
Fluoranthene	2,400,000	2,400,000		<10	<100	<1,000	<20	<10	<40	<10	<10	130	<10	
Fluorene	2,300,000	2,400,000		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10	
Indeno(1,2,3-c,d)pyrene	1,100	1,100		<10	<100	<1,000	<20	<10	<40	<10	<10	20	<10	
Naphthalene	2,000	2,000		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10	

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH01-35.0	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D
			Sample Depth (feet bgs)	35.0	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0
			Sampling Date	2/26/2024	2/26/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Phenanthrene	NA	NA		<10	<100	<1,000	<20	<10	<40	<10	<10	<10	<10
Pyrene	1,800,000	1,800,000		<10	<100	<1,000	<20	<10	<40	<10	<10	160	<10

Notes:

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons.

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and Ecological Risk (HERO) Note 3, updated June 2020 revised May 2022.

(b) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH02-35.0	SPH03-05.0	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0
			Sample Depth (feet bgs)	35.0	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
SVOCs (µg/kg) - USEPA 8270C													
1,2,4-Trichlorobenzene	7,800	24,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
1,2-Dichlorobenzene	NA	1,800,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
1,2-diphenylhydrazine (as azobenzene)	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
1,3-Dichlorobenzene	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
1,4-Dichlorobenzene	NA	2,600		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
1-Methylnaphthalene	9,900	18,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2,4,5-Trichlorophenol	6,300,000	6,300,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2,4,6-Trichlorophenol	7,800	49,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2,4-Dichlorophenol	190,000	190,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2,4-Dimethylphenol	1,300,000	1,300,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2,4-Dinitrophenol	130,000	130,000		<1,200	<2,400	<1,200	<6,100	<4,800	<1,200	<12,000	<1,200	<12,000	<30,000
2,4-Dinitrotoluene	1,700	1,700		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2,6-Dinitrotoluene	360	360		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2-Chloronaphthalene	4,100,000	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2-Chlorophenol	340,000	390,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2-Methylnaphthalene	190,000	240,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2-Methylphenol	3,200,000	3,200,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2-Nitroaniline	630,000	630,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
2-Nitrophenol	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
3-,4-Methylphenol	NA	NA		<400	<800	<400	<2,000	<1,600	<400	<4,000	<400	<4,000	<10,000
3,3-Dichlorobenzidine	450	1,200		<1,200	<2,400	<1,200	<6,100	<4,800	<1,200	<12,000	<1,200	<12,000	<30,000
3-Nitroaniline	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
4,6-Dinitro-2-Methylphenol	5,100	5,100		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
4-Bromophenyl-phenylether	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
4-Chloro-3-methylphenol	6,300,000	6,300,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
4-Chlorophenyl-phenylether	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
4-Nitroaniline	27,000	27,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
4-Nitrophenol	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
Aniline	95,000	95,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
Benzidine	190,000	0.53		<1,200	<2,400	<1,200	<6,100	<4,800	<1,200	<12,000	<1,200	<12,000	<30,000
Benzoic Acid	250,000,000	250,000,000		<1,200	<2,400	<1,200	<6,100	<4,800	<1,200	<12,000	<1,200	<12,000	<30,000
Benzyl Alcohol	6,300,000	6,300,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
Bis(2-chloroethoxy) methane	190,000	190,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
Bis(2-chloroethyl) ether	100	230		<1,200	<2,400	<1,200	<6,100	<4,800	<1,200	<12,000	<1,200	<12,000	<30,000
Bis(2-chloroisopropyl) ether	NA	3,100,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300
Bis(2-ethylhexyl) Phthalate	39,000	39,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH02-35.0	SPH03-05.0	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0	
			Sample Depth (feet bgs)	35.0	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0	
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Butyl Benzyl Phthalate	290,000	290,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Carbazole	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Dibenzofuran	66,000	78,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Diethyl Phthalate	51,000,000	51,000,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Dimethyl phthalate	NA	NA		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Di-n-butyl Phthalate	6,300,000	6,300,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Di-n-Octyl Phthalate	630,000	630,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Hexachlorobenzene	190	210		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Hexachlorobutadiene	1,200	1,200		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Hexachlorocyclopentadiene	NA	1,800		<1,200	<2,400	<1,200	<6,100	<4,800	<1,200	<12,000	<1,200	<12,000	<30,000	
Hexachloroethane	NA	1,800		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Isophorone	570,000	570,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Nitrobenzene	NA	5,100		<1,200	<2,400	<1,200	<6,100	<4,800	<1,200	<12,000	<1,200	<12,000	<30,000	
n-Nitrosodimethylamine	NA	2		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
n-Nitroso-di-N-propylamine	78	78		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
n-Nitrosodiphenylamine	110,000	110,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
p-Chloroaniline	2,700	2,700		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Pentachlorophenol	1,000	1,000		<1,200	<2,400	<1,200	<6,100	<4,800	<1,200	<12,000	<1,200	<12,000	<30,000	
Phenol	19,000,000	19,000,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
Pyridine	58,000	78,000		<250	<500	<250	<1,300	<1,000	<250	<2,500	<250	<2,500	<6,300	
PAHs (µg/kg) - USEPA 8270C-SIM														
1-Methylnaphthalene	9,900	18,000		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
2-Methylnaphthalene	190,000	240,000		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Acenaphthene	3,300,000	3,600,000		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Acenaphthylene	NA	NA		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Anthracene	17,000,000	18,000,000		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Benzo(a)anthracene	1,100	1,100		14	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Benzo(a)pyrene	NA	110		13	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Benzo(b)fluoranthene	1,100	1,100		15	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Benzo(g,h,i)perylene	NA	NA		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Benzo(k)fluoranthene	11,000	11,000		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Chrysene	110,000	110,000		16	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Dibenz(a,h)anthracene	28	110		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Fluoranthene	2,400,000	2,400,000		29	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Fluorene	2,300,000	2,400,000		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Indeno(1,2,3-c,d)pyrene	1,100	1,100		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Naphthalene	2,000	2,000		<10	<20	<10	<51	<40	<10	<100	<10	<100	<250	

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH02-35.0	SPH03-05.0	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0
			Sample Depth (feet bgs)	35.0	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Phenanthrene	NA	NA	13	<20	<10	<51	<40	<10	<100	<10	<100	<250	
Pyrene	1,800,000	1,800,000	27	<20	<10	<51	<40	<10	<100	<10	<100	<250	

Notes:

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons.

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and Ecological Risk (HERO) Note 3, updated June 2020 revised May 2022.

(b) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH03-45.0	SPH04-00.5	SPH04-05.0	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
			Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	35.0	45.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
SVOCs (µg/kg) - USEPA 8270C												
1,2,4-Trichlorobenzene	7,800	24,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
1,2-Dichlorobenzene	NA	1,800,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
1,2-diphenylhydrazine (as azobenzene)	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
1,3-Dichlorobenzene	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
1,4-Dichlorobenzene	NA	2,600		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
1-Methylnaphthalene	9,900	18,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2,4,5-Trichlorophenol	6,300,000	6,300,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2,4,6-Trichlorophenol	7,800	49,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2,4-Dichlorophenol	190,000	190,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2,4-Dimethylphenol	1,300,000	1,300,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2,4-Dinitrophenol	130,000	130,000		<1,200	<12,000	<12,000	<48,000	<60,000	<1,200	<1,200	<4,800	<1,200
2,4-Dinitrotoluene	1,700	1,700		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2,6-Dinitrotoluene	360	360		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2-Chloronaphthalene	4,100,000	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2-Chlorophenol	340,000	390,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2-Methylnaphthalene	190,000	240,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2-Methylphenol	3,200,000	3,200,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2-Nitroaniline	630,000	630,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
2-Nitrophenol	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
3-,4-Methylphenol	NA	NA		<400	<4,000	<4,000	<16,000	<20,000	<400	<400	<1,600	<400
3,3-Dichlorobenzidine	450	1,200		<1,200	<12,000	<12,000	<48,000	<60,000	<1,200	<1,200	<4,800	<1,200
3-Nitroaniline	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
4,6-Dinitro-2-Methylphenol	5,100	5,100		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
4-Bromophenyl-phenylether	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
4-Chloro-3-methylphenol	6,300,000	6,300,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
4-Chlorophenyl-phenylether	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
4-Nitroaniline	27,000	27,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
4-Nitrophenol	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Aniline	95,000	95,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Benzdine	190,000	0.53		<1,200	<12,000	<12,000	<48,000	<60,000	<1,200	<1,200	<4,800	<1,200
Benzoic Acid	250,000,000	250,000,000		<1,200	<12,000	<12,000	<48,000	<60,000	<1,200	<1,200	<4,800	<1,200
Benzyl Alcohol	6,300,000	6,300,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Bis(2-chloroethoxy) methane	190,000	190,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Bis(2-chloroethyl) ether	100	230		<1,200	<12,000	<12,000	<48,000	<60,000	<1,200	<1,200	<4,800	<1,200
Bis(2-chloroisopropyl) ether	NA	3,100,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Bis(2-ethylhexyl) Phthalate	39,000	39,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH03-45.0	SPH04-00.5	SPH04-05.0	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
			Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	35.0	45.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
Butyl Benzyl Phthalate	290,000	290,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Carbazole	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Dibenzofuran	66,000	78,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Diethyl Phthalate	51,000,000	51,000,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Dimethyl phthalate	NA	NA		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Di-n-butyl Phthalate	6,300,000	6,300,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Di-n-Octyl Phthalate	630,000	630,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Hexachlorobenzene	190	210		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Hexachlorobutadiene	1,200	1,200		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Hexachlorocyclopentadiene	NA	1,800		<1,200	<12,000	<12,000	<48,000	<60,000	<1,200	<1,200	<4,800	<1,200
Hexachloroethane	NA	1,800		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Isophorone	570,000	570,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Nitrobenzene	NA	5,100		<1,200	<12,000	<12,000	<48,000	<60,000	<1,200	<1,200	<4,800	<1,200
n-Nitrosodimethylamine	NA	2		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
n-Nitroso-di-N-propylamine	78	78		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
n-Nitrosodiphenylamine	110,000	110,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
p-Chloroaniline	2,700	2,700		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Pentachlorophenol	1,000	1,000		<1,200	<12,000	<12,000	<48,000	<60,000	<1,200	<1,200	<4,800	<1,200
Phenol	19,000,000	19,000,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
Pyridine	58,000	78,000		<250	<2,500	<2,500	<9,900	<13,000	<250	<250	<1,000	<250
PAHs (µg/kg) - USEPA 8270C-SIM												
1-Methylnaphthalene	9,900	18,000		<10	<100	<100	<400	<500	<10	<10	<40	<10
2-Methylnaphthalene	190,000	240,000		<10	<100	<100	<400	<500	<10	<10	<40	<10
Acenaphthene	3,300,000	3,600,000		<10	<100	<100	<400	<500	<10	<10	<40	<10
Acenaphthylene	NA	NA		<10	<100	<100	<400	<500	<10	<10	<40	<10
Anthracene	17,000,000	18,000,000		<10	<100	<100	<400	<500	<10	<10	<40	<10
Benzo(a)anthracene	1,100	1,100		<10	<100	<100	<400	<500	<10	<10	<40	<10
Benzo(a)pyrene	NA	110		<10	<100	<100	<400	<500	<10	<10	<40	<10
Benzo(b)fluoranthene	1,100	1,100		<10	<100	<100	<400	<500	<10	<10	<40	<10
Benzo(g,h,i)perylene	NA	NA		<10	<100	<100	<400	<500	<10	<10	<40	<10
Benzo(k)fluoranthene	11,000	11,000		<10	<100	<100	<400	<500	<10	<10	<40	<10
Chrysene	110,000	110,000		<10	<100	<100	<400	<500	<10	<10	<40	<10
Dibenz(a,h)anthracene	28	110		<10	<100	<100	<400	<500	<10	<10	<40	<10
Fluoranthene	2,400,000	2,400,000		<10	<100	<100	<400	<500	<10	<10	<40	<10
Fluorene	2,300,000	2,400,000		<10	<100	<100	<400	<500	<10	<10	<40	<10
Indeno(1,2,3-c,d)pyrene	1,100	1,100		<10	<100	<100	<400	<500	<10	<10	<40	<10
Naphthalene	2,000	2,000		<10	<100	<100	<400	<500	<10	<10	<40	<10

TABLE 3
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUND AND POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH03-45.0	SPH04-00.5	SPH04-05.0	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
			Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	35.0	45.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
Phenanthrene	NA	NA		<10	<100	<100	<400	<500	<10	<10	<40	<10
Pyrene	1,800,000	1,800,000		<10	<100	<100	<400	<500	<10	<10	<40	<10

Notes:

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons.

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil, Office of Human and Ecological Risk (HERO) Note 3, updated June 2020 revised May 2022.

(b) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

1,800,000 Applicable conservative screening level for a residential setting.

TABLE 4
SUMMARY OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID Sample Depth (feet bgs) Sampling Date	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0D	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0	SPH01-35.0
				0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0	35.0
				1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
OCPs (µg/kg) - USEPA 8081A													
Aldrin	39	39		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Alpha-BHC	NA	NA		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Chlordane	1,700	1,700		<250	<51	<50	310	310	<50	<50	<49	<500	<50
Delta-BHC	NA	NA		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Dichlorodiphenyldichloroethane (DDD)	1,900	2,300		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Dichlorodiphenyldichloroethene (DDE)	2,000	2,000		<25	16	<5	23	23	<5	<5	19	<50	<5
Dichlorodiphenyltrichloroethane (DDT)	1,900	1,900		<25	8.7	<5	17	17	<5	<5	<4.9	<50	<5
Dieldrin	34	34		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Endosulfan I	NA	NA		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Endosulfan II	NA	NA		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Endosulfan Sulfate	380,000	380,000		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Endrin	19,000	19,000		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Endrin aldehyde	NA	NA		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Endrin ketone	NA	NA		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Heptachlor	130	130		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Heptachlor Epoxide	70	70		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Hexachlorocyclohexane, Beta-	NA	NA		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Hexachlorocyclohexane, Gamma- (Lindane)	NA	570		<25	<5.1	<5	<5	<5	<5	<5	<4.9	<50	<5
Methoxychlor	320,000	320,000		<49	<10	<10	<10	<10	<10	<9.9	<9.9	<100	<9.9
Toxaphene	450	490		<490	<100	<100	<100	<100	<100	<99	<99	<1,000	<99
PCBs (µg/kg) - USEPA 8082													
Aroclor-1016	4,000	4,100		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1221	200	200		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1232	170	170		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1242	230	230		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1248	230	230		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1254	240	240		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1260	240	240		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1262	NA	NA		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1268	NA	NA		<98	<51	<50	<50	<50	<50	<50	<49	<50	<50

Notes:

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil (mg/kg), Office of Human and Ecological
(b) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening Levels, Residential Soil, updated November 2023.
µg/kg = micrograms per kilogram.
bgs = below ground surface.
<1.38 = Concentration not detected above the laboratory reporting limit (RL).

TABLE 4
SUMMARY OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 4
SUMMARY OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D	SPH02-35.0	SPH03-05.0
			Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	5.0
			Sampling Date	2/26/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
OCPs (µg/kg) - USEPA 8081A														
Aldrin	39	39		<4.9	<50	<4.9	<5	<5	8.2	12	<5	<4.9	<5	<5
Alpha-BHC	NA	NA		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Chlordane	1,700	1,700		<49	<500	<49	<50	<50	360	1,200	<50	<49	<50	<50
Delta-BHC	NA	NA		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Dichlorodiphenyldichloroethane (DDD)	1,900	2,300		<4.9	<50	<4.9	<5	<5	<5	<5	<5	23	5.1	<5
Dichlorodiphenyldichloroethene (DDE)	2,000	2,000		<4.9	<50	<4.9	16	<5	<5	5.3	8.1	770	35	<5
Dichlorodiphenyltrichloroethane (DDT)	1,900	1,900		<4.9	<50	<4.9	7.1	<5	<5	<5	<5	13	<5	<5
Dieldrin	34	34		<4.9	<50	<4.9	<5	<5	34	100	<5	<4.9	<5	<5
Endosulfan I	NA	NA		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Endosulfan II	NA	NA		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Endosulfan Sulfate	380,000	380,000		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Endrin	19,000	19,000		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Endrin aldehyde	NA	NA		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Endrin ketone	NA	NA		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Heptachlor	130	130		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Heptachlor Epoxide	70	70		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Hexachlorocyclohexane, Beta-	NA	NA		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Hexachlorocyclohexane, Gamma- (Lindane)	NA	570		<4.9	<50	<4.9	<5	<5	<5	<5	<5	<4.9	<5	<5
Methoxychlor	320,000	320,000		<9.8	<100	<9.9	<9.9	<9.9	<10	<10	<9.9	<9.9	<9.9	<9.9
Toxaphene	450	490		<98	<1,000	<99	<99	<99	<100	<100	<99	<99	<99	<99
PCBs (µg/kg) - USEPA 8082														
Aroclor-1016	4,000	4,100		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1221	200	200		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1232	170	170		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1242	230	230		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1248	230	230		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1254	240	240		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1260	240	240		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1262	NA	NA		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50
Aroclor-1268	NA	NA		<49	<50	<49	<50	<50	<50	<50	<50	<49	<50	<50

Notes:

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil (mg/kg), Office of Human and Ecological
(b) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screeni
µg/kg = micrograms per kilogram.
bgs = below ground surface.
<1.38 = Concentration not detected above the laboratory reporting limit (RL).

TABLE 4
SUMMARY OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 4
SUMMARY OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID Sample Depth (feet bgs) Sampling Date	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0	SPH03-45.0	SPH04-00.5	SPH04-05.0
				10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0	45.0	0.5	5.0
				1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
OCPs (µg/kg) - USEPA 8081A														
Aldrin	39	39		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Alpha-BHC	NA	NA		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Chlordane	1,700	1,700		<50	9	<50	<5.1	<50	<5.1	<50	270	<5.1	<50	<50
Delta-BHC	NA	NA		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Dichlorodiphenyldichloroethane (DDD)	1,900	2,300		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Dichlorodiphenyldichloroethene (DDE)	2,000	2,000		10	49	29	<5.1	57	<5.1	7	17	<5.1	30	<5
Dichlorodiphenyltrichloroethane (DDT)	1,900	1,900		<5	8.5	12	<5.1	<5	<5.1	<5	<4.9	<5.1	6.5	<5
Dieldrin	34	34		<5	36	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Endosulfan I	NA	NA		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Endosulfan II	NA	NA		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Endosulfan Sulfate	380,000	380,000		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Endrin	19,000	19,000		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Endrin aldehyde	NA	NA		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Endrin ketone	NA	NA		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Heptachlor	130	130		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Heptachlor Epoxide	70	70		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Hexachlorocyclohexane, Beta-	NA	NA		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Hexachlorocyclohexane, Gamma- (Lindane)	NA	570		<5	<4.9	<5	<5.1	<5	<5.1	<5	<4.9	<5.1	<5	<5
Methoxychlor	320,000	320,000		<10	<9.8	<10	<10	<9.9	<10	<9.9	<9.8	<10	<10	<10
Toxaphene	450	490		<100	<98	<100	<100	<99	<100	<99	<98	<100	<100	<100
PCBs (µg/kg) - USEPA 8082														
Aroclor-1016	4,000	4,100		<50	<49	<50	<51	<50	<51	<50	<49	<51	<50	<50
Aroclor-1221	200	200		<50	<49	<50	<51	<50	<51	<50	<49	<51	<50	<50
Aroclor-1232	170	170		<50	<49	<50	<51	<50	<51	<50	<49	<51	<50	<50
Aroclor-1242	230	230		<50	<49	<50	<51	<50	<51	<50	<49	<51	<50	<50
Aroclor-1248	230	230		<50	<49	<50	<51	<50	<51	<50	<49	<51	<50	<50
Aroclor-1254	240	240		<50	<49	<50	230	<50	<51	<50	<49	<51	<50	<50
Aroclor-1260	240	240		<50	<49	<50	<51	<50	<51	<50	<49	<51	<50	<50
Aroclor-1262	NA	NA		<50	<49	<50	<51	<50	<51	<50	<49	<51	<50	<50
Aroclor-1268	NA	NA		<50	<49	<50	<51	<50	<51	<50	<49	<51	<50	<50

Notes:

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil (mg/kg), Office of Human and Ecological
(b) = United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screeni
µg/kg = micrograms per kilogram.
bgs = below ground surface.
<1.38 = Concentration not detected above the laboratory reporting limit (RL).

TABLE 4
SUMMARY OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 4
SUMMARY OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil ^(a)	USEPA RSL - Residential Soil ^(b)	Sample ID	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
			Sample Depth (feet bgs)	10.0	15.0	20.0	25.0	35.0	45.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
OCPs (µg/kg) - USEPA 8081A									
Aldrin	39	39		<5.1	<5.1	<5.1	<5	<5	<5
Alpha-BHC	NA	NA		<5.1	<5.1	<5.1	<5	<5	<5
Chlordane	1,700	1,700		<510	<510	<5.1	<50	<50	<50
Delta-BHC	NA	NA		<5.1	<5.1	<5.1	<5	<5	<5
Dichlorodiphenyldichloroethane (DDD)	1,900	2,300		<5.1	<5.1	<5.1	<5	<5	<5
Dichlorodiphenyldichloroethene (DDE)	2,000	2,000		<5.1	<5.1	<5.1	<5	28	<5
Dichlorodiphenyltrichloroethane (DDT)	1,900	1,900		<5.1	<5.1	<5.1	<5	<5	<5
Dieldrin	34	34		<5.1	<5.1	<5.1	<5	<5	<5
Endosulfan I	NA	NA		<5.1	<5.1	<5.1	<5	<5	<5
Endosulfan II	NA	NA		<5.1	<5.1	<5.1	<5	<5	<5
Endosulfan Sulfate	380,000	380,000		<5.1	<5.1	<5.1	<5	<5	<5
Endrin	19,000	19,000		<5.1	<5.1	<5.1	<5	<5	<5
Endrin aldehyde	NA	NA		<5.1	<5.1	<5.1	<5	<5	<5
Endrin ketone	NA	NA		<5.1	<5.1	<5.1	<5	<5	<5
Heptachlor	130	130		<5.1	<5.1	<5.1	<5	<5	<5
Heptachlor Epoxide	70	70		<5.1	<5.1	<5.1	<5	<5	<5
Hexachlorocyclohexane, Beta-	NA	NA		<5.1	<5.1	<5.1	<5	<5	<5
Hexachlorocyclohexane, Gamma- (Lindane)	NA	570		<5.1	<5.1	<5.1	<5	<5	<5
Methoxychlor	320,000	320,000		<100	<100	<10	<10	<10	<10
Toxaphene	450	490		<1,000	<1,000	<100	<100	<100	<100
PCBs (µg/kg) - USEPA 8082									
Aroclor-1016	4,000	4,100		<51	<51	<51	<50	<50	<50
Aroclor-1221	200	200		<51	<51	<51	<50	<50	<50
Aroclor-1232	170	170		<51	<51	<51	<50	<50	<50
Aroclor-1242	230	230		<51	<51	<51	<50	<50	<50
Aroclor-1248	230	230		<51	<51	<51	<50	<50	<50
Aroclor-1254	240	240		<51	<51	<51	<50	<50	<50
Aroclor-1260	240	240		<51	<51	<51	<50	<50	<50
Aroclor-1262	NA	NA		<51	<51	<51	<50	<50	<50
Aroclor-1268	NA	NA		<51	<51	<51	<50	<50	<50

Notes:

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential Soil (mg/kg), Office of Human and Ecological
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TABLE 4
SUMMARY OF ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

NT = Analyte not analyzed for soil sample.

NA = Not Applicable.

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 5
SUMMARY OF ORGANOPHOSPHORUS PESTICIDES AND CHLORINATED HERBICIDES ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil (a)	USEPA RSL - Residential Soil (b)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0	SPH01-35.0
			Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	5.0	10.0	15.0	20.0	25.0	35.0
			Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024
OPPs (µg/kg) - USEPA 8141A														
Azinphos-methyl	190,000	190,000		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Bolstar	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Chlorpyrifos	63,000	63,000		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Coumaphos	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Demeton	2,500	2,500		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Diazinon	44,000	44,000		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Dichlorvos	1,900	1,900		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Disulfoton	2,500	2,500		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Ethoprop	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Fensulfothion	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Fenthion	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Malathion	1,300,000	1,300,000		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Merphos	2,300	2,300		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Methyl Parathion	16,000	16,000		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Mevinphos	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Naled	120,000	160,000		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Phorate	13,000	13,000		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Ronnel	3,800,000	3,900,000		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Stirophos	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Tokuthion (Prothiofos)	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
Trichloronate	NA	NA		<200	<100	<20	<200	<200	<100	<20	<20	<20	<400	<20
CHs (µg/kg) - USEPA 8151A														
2,4,5-Trichlorophenoxyacetic Acid	630,000	630,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
2,4-DB	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
2,4-Dichlorophenoxy Acetic Acid	NA	700,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
3,5-Dichlorobenzoic acid	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
4-Nitrophenol	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Acifluorfen	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Bentazon	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloramben	950,000	950,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dalapon	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
DCPA diacid	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dicamba	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dichloroprop	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

TABLE 5
SUMMARY OF ORGANOPHOSPHORUS PESTICIDES AND CHLORINATED HERBICIDES ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil (a)	USEPA RSL - Residential Soil (b)	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0	SPH01-35.0
			Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	5.0	10.0	15.0	20.0	25.0	35.0
			Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024
Dinoseb	63,000	63,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
MCPA	32,000	32,000		<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
MCPP	NA	63,000		<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Pentachlorophenol	1,000	1,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Picloram	4,400,000	4,400,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Silvex (2,4,5-TP)	510,000	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

Notes:

OPPs = Organophosphorus Pesticides.

CHs = Chlorinated Herbicides.

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-

SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential

Soil, Office of Human and Ecological Risk (HERO) Note 3, updated June 2020 revised May 2022.

(b) = US Environmental Protection Agency (US EPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening

Levels, Residential Soil, updated November 2023.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable .

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 5
SUMMARY OF ORGANOPHOSPHORUS PESTICIDES AND CHLORINATED HERBICIDES ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil (a)	USEPA RSL - Residential Soil (b)	Sample ID	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D	SPH02-35.0	SPH03-05.0
			Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	5.0
			Sampling Date	2/26/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
OPPs (µg/kg) - USEPA 8141A														
Azinphos-methyl	190,000	190,000		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Bolstar	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Chlorpyrifos	63,000	63,000		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Coumaphos	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Demeton	2,500	2,500		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Diazinon	44,000	44,000		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Dichlorvos	1,900	1,900		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Disulfoton	2,500	2,500		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Ethoprop	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Fensulfothion	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Fenthion	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Malathion	1,300,000	1,300,000		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Merphos	2,300	2,300		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Methyl Parathion	16,000	16,000		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Mevinphos	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Naled	120,000	160,000		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Phorate	13,000	13,000		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Ronnel	3,800,000	3,900,000		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Stirophos	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Tokuthion (Prothiofos)	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
Trichloronate	NA	NA		<100	<200	<40	<20	<200	<20	<20	<20	<20	<40	<40
CHs (µg/kg) - USEPA 8151A														
2,4,5-Trichlorophenoxyacetic Acid	630,000	630,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
2,4-DB	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
2,4-Dichlorophenoxy Acetic Acid	NA	700,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
3,5-Dichlorobenzoic acid	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
4-Nitrophenol	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Acifluorfen	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Bentazon	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloramben	950,000	950,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dalapon	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
DCPA diacid	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dicamba	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dichloroprop	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

TABLE 5
SUMMARY OF ORGANOPHOSPHORUS PESTICIDES AND CHLORINATED HERBICIDES ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil (a)	USEPA RSL - Residential Soil (b)	Sample ID	SPH01-45.0	SPH02-00.5	SPH02-05.0	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D	SPH02-35.0	SPH03-05.0
			Sample Depth (feet bgs)	45.0	0.5	5.0	10.0	15.0	20.0	25.0	30.0	30.0	35.0	5.0
			Sampling Date	2/26/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Dinoseb	63,000	63,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
MCPA	32,000	32,000		<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
MCPP	NA	63,000		<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Pentachlorophenol	1,000	1,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Picloram	4,400,000	4,400,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Silvex (2,4,5-TP)	510,000	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

Notes:

OPPs = Organophosphorus Pesticides.

CHs = Chlorinated Herbicides.

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-

SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential

Soil, Office of Human and Ecological Risk (HERO) Note 3, updated June 2020 revised May 2022.

(b) = US Environmental Protection Agency (US EPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening

Levels, Residential Soil, updated November 2023.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable .

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 5
SUMMARY OF ORGANOPHOSPHORUS PESTICIDES AND CHLORINATED HERBICIDES ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil (a)	USEPA RSL - Residential Soil (b)	Sample ID	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0	SPH03-45.0	SPH04-00.5	SPH04-05.0
			Sample Depth (feet bgs)	10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0	45.0	0.5	5.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
OPPs (µg/kg) - USEPA 8141A														
Azinphos-methyl	190,000	190,000		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Bolstar	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Chlorpyrifos	63,000	63,000		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Coumaphos	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Demeton	2,500	2,500		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Diazinon	44,000	44,000		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Dichlorvos	1,900	1,900		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Disulfoton	2,500	2,500		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Ethoprop	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Fensulfothion	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Fenthion	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Malathion	1,300,000	1,300,000		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Merphos	2,300	2,300		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Methyl Parathion	16,000	16,000		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Mevinphos	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Naled	120,000	160,000		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Phorate	13,000	13,000		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Ronnel	3,800,000	3,900,000		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Stirophos	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Tokuthion (Prothiofos)	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
Trichloronate	NA	NA		<100	<200	<200	<20	<20	<40	<20	<20	<20	<100	<20
CHs (µg/kg) - USEPA 8151A														
2,4,5-Trichlorophenoxyacetic Acid	630,000	630,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
2,4-DB	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
2,4-Dichlorophenoxy Acetic Acid	NA	700,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
3,5-Dichlorobenzoic acid	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
4-Nitrophenol	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Acifluorfen	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Bentazon	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloramben	950,000	950,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dalapon	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
DCPA diacid	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dicamba	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dichloroprop	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

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6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil (a)	USEPA RSL - Residential Soil (b)	Sample ID	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0	SPH03-30.0D	SPH03-35.0	SPH03-40.0	SPH03-45.0	SPH04-00.5	SPH04-05.0
			Sample Depth (feet bgs)	10.0	15.0	20.0	25.0	30.0	30.0	35.0	40.0	45.0	0.5	5.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Dinoseb	63,000	63,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
MCPA	32,000	32,000		<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
MCPP	NA	63,000		<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Pentachlorophenol	1,000	1,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Picloram	4,400,000	4,400,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Silvex (2,4,5-TP)	510,000	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

Notes:

OPPs = Organophosphorus Pesticides.

CHs = Chlorinated Herbicides.

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-

SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential

Soil, Office of Human and Ecological Risk (HERO) Note 3, updated June 2020 revised May 2022.

(b) = US Environmental Protection Agency (US EPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening

Levels, Residential Soil, updated November 2023.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable .

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 5
SUMMARY OF ORGANOPHOSPHORUS PESTICIDES AND CHLORINATED HERBICIDES ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil (a)	USEPA RSL - Residential Soil (b)	Sample ID	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
			Sample Depth (feet bgs)	10.0	15.0	20.0	25.0	35.0	45.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
OPPs (µg/kg) - USEPA 8141A									
Azinphos-methyl	190,000	190,000		<100	<200	<20	<20	<40	<20
Bolstar	NA	NA		<100	<200	<20	<20	<40	<20
Chlorpyrifos	63,000	63,000		<100	<200	<20	<20	<40	<20
Coumaphos	NA	NA		<100	<200	<20	<20	<40	<20
Demeton	2,500	2,500		<100	<200	<20	<20	<40	<20
Diazinon	44,000	44,000		<100	<200	<20	<20	<40	<20
Dichlorvos	1,900	1,900		<100	<200	<20	<20	<40	<20
Disulfoton	2,500	2,500		<100	<200	<20	<20	<40	<20
Ethoprop	NA	NA		<100	<200	<20	<20	<40	<20
Fensulfothion	NA	NA		<100	<200	<20	<20	<40	<20
Fenthion	NA	NA		<100	<200	<20	<20	<40	<20
Malathion	1,300,000	1,300,000		<100	<200	<20	<20	<40	<20
Merphos	2,300	2,300		<100	<200	<20	<20	<40	<20
Methyl Parathion	16,000	16,000		<100	<200	<20	<20	<40	<20
Mevinphos	NA	NA		<100	<200	<20	<20	<40	<20
Naled	120,000	160,000		<100	<200	<20	<20	<40	<20
Phorate	13,000	13,000		<100	<200	<20	<20	<40	<20
Ronnel	3,800,000	3,900,000		<100	<200	<20	<20	<40	<20
Stirophos	NA	NA		<100	<200	<20	<20	<40	<20
Tokuthion (Prothiofos)	NA	NA		<100	<200	<20	<20	<40	<20
Trichloronate	NA	NA		<100	<200	<20	<20	<40	<20
CHs (µg/kg) - USEPA 8151A									
2,4,5-Trichlorophenoxyacetic Acid	630,000	630,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
2,4-DB	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
2,4-Dichlorophenoxy Acetic Acid	NA	700,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
3,5-Dichlorobenzoic acid	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
4-Nitrophenol	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Acifluorfen	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Bentazon	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Chloramben	950,000	950,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dalapon	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
DCPA diacid	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dicamba	1,900,000	1,900,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Dichloroprop	NA	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

TABLE 5
SUMMARY OF ORGANOPHOSPHORUS PESTICIDES AND CHLORINATED HERBICIDES ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	DTSC-SL - Residential Soil (a)	USEPA RSL - Residential Soil (b)	Sample ID	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
			Sample Depth (feet bgs)	10.0	15.0	20.0	25.0	35.0	45.0
			Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024
Dinoseb	63,000	63,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
MCPA	32,000	32,000		<250	<250	<250	<250	<250	<250
MCPP	NA	63,000		<250	<250	<250	<250	<250	<250
Pentachlorophenol	1,000	1,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Picloram	4,400,000	4,400,000		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Silvex (2,4,5-TP)	510,000	NA		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

Notes:

OPPs = Organophosphorus Pesticides.

CHs = Chlorinated Herbicides.

(a) = California Department of Toxic Substances Control (DTSC)-Recommended Screening Level (DTSC-

SL); Table 1. DTSC-Recommended Screening Levels for Soil Analytes, Screening Levels for Residential

Soil, Office of Human and Ecological Risk (HERO) Note 3, updated June 2020 revised May 2022.

(b) = US Environmental Protection Agency (US EPA) Region 9 Regional Screening Level (RSL); RSL Summary Table, Screening

Levels, Residential Soil, updated November 2023.

µg/kg = micrograms per kilogram.

bgs = below ground surface.

<1.38 = Concentration not detected above the laboratory reporting limit (RL).

NT = Analyte not analyzed for soil sample.

NA = Not Applicable .

NS = No Standard.

BOLD = analyte detected at the concentration indicated.

Applicable conservative screening level for a residential setting.

TABLE 6
SUMMARY OF ASBESTOS AND PH ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	Sample ID	SP-H-BRIDGE-1	SP-H-BRIDGE-2	SPH01-00.5	SPH01-05.0	SPH01-05.0D	SPH01-10.0	SPH01-15.0	SPH01-20.0	SPH01-25.0	SPH01-35.0	SPH01-45.0	SPH02-00.5	SPH02-05.0
	Sample Depth (feet bgs)	0.5	0.5	0.5	5.0	5.0	10.0	15.0	20.0	25.0	35.0	45.0	0.5	5.0
	Sampling Date	1/24/2024	1/24/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024	2/26/2024	1/25/2024
Asbestos - 600/R-93-116		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
USEPA 9045C														
pH		10.52	7.68	7.5	8.45	7.58	7.92	8.07	8.48	8.47	7.61	8.38	8.79	8.58
Temperature (°C)		20.1	20.40	20.20	20.20	19.80	20.80	19.50	20.00	20.30	21.0	21.0	20.50	19.90

Notes:

- °C = degrees Celsius
- bgs = below ground surface
- NA = Not Applicable
- NS = No Standard
- BOLD** = analyte detected at the value indicated.

TABLE 6
SUMMARY OF ASBESTOS AND PH ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	Sample ID	SPH02-10.0	SPH02-15.0	SPH02-20.0	SPH02-25.0	SPH02-30.0	SPH02-30.0D	SPH02-35.0	SPH03-05.0	SPH03-10.0	SPH03-15.0	SPH03-20.0	SPH03-25.0	SPH03-30.0
	Sample Depth (feet bgs)	10.0	15.0	20.0	25.0	30.0	30.0	35.0	5.0	10.0	15.0	20.0	25.0	30.0
	Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024
Asbestos - 600/R-93-116		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
USEPA 9045C														
pH		8.66	7.87	8.5	8.38	8.38	8.07	7.41	7.46	7.56	7.9	7.3	8.14	7.99
Temperature (°C)		19.70	20.00	20.50	20.20	20.30	20.00	20.50	20.30	20.40	20.30	19.90	20.40	20.40

Notes:
°C = degrees Celsius
bgs = below ground surface
NA = Not Applicable
NS = No Standard
BOLD = analyte detected at the value indicated.

TABLE 6
SUMMARY OF ASBESTOS AND PH ANALYTICAL TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	Sample ID	SPH03-30.0D	SPH03-35.0	SPH03-40.0	SPH03-45.0	SPH04-00.5	SPH04-05.0	SPH04-10.0	SPH04-15.0	SPH04-20.0	SPH04-25.0	SPH04-35.0	SPH04-45.0
	Sample Depth (feet bgs)	30.0	35.0	40.0	45.0	0.5	5.0	10.0	15.0	20.0	25.0	35.0	45.0
	Sampling Date	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	1/25/2024	2/26/2024
Asbestos - 600/R-93-116		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
USEPA 9045C													
pH		8.3	8	8.12	8.07	8.29	8.33	8.21	8.42	8.04	8.08	7.89	8.05
Temperature (°C)		20.50	20.50	20.90	20.90	20.30	20.40	20.50	20.60	20.50	20.50	21.00	20.90

Notes:

- °C = degrees Celsius
- bgs = below ground surface
- NA = Not Applicable
- NS = No Standard
- BOLD** = analyte detected at the value indicated.

TABLE 7
SUMMARY OF WASTE CHARACTERIZATION TEST RESULTS
6145 EAST SANTIAGO CANYON ROAD
ORANGE, CALIFORNIA

Analytes	RCRA 20x TCLP Threshold	RCRA TCLP Threshold	California 10x STLC Threshold	California STLC Threshold	California TTLC Threshold	Sample ID	SPH02-25.0	SPH04-15.0
						Sample Depth (feet bgs)	25.0	15.0
						Sampling Date	1/25/2024	1/25/2024
Metals (mg/kg) - USEPA 6010B								
Lead	100	NA	50	NA	1,000		360	110
Toxicity Characteristic Leaching Procedure (mg/L) - USEPA 6010B								
Lead	NA	NA		5	NA		0.64	<0.15
Soluble Threshold Limit Concentration (mg/L) - USEPA 6010B								
Lead	NA	NA	NA	NA	NA		1.1	0.13

Notes:

RCRA = Resource Conservation and Recovery Act
STLC = Soluble Threshold Limit Concentration.
TCLP = Toxicity Characteristic Leaching Procedure.
TTLC = Total Threshold Limit Concentration.
USEPA = United States Environmental Protection Agency.
mg/kg = milligrams per kilogram.
mg/L = milligrams per liter.
bgs = below ground surface.
<1.38 = Concentration not detected above the laboratory reporting limit (RL).
NA = Not Applicable.
BOLD = analyte detected at the concentration indicated.



APPENDIX A
LABORATORY ANALYTICAL REPORTS



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 500849
Report Level: II
Report Date: 02/05/2024

Analytical Report *prepared for:*

Michael Priestaf
Leighton & Associates, Inc., Irvine
2600 Michelson Dr
Suite 400
Irvine, CA 92612

Project: ORANGE CA - 6145 E. Santiago Canyon Rd, Orange, CA

Authorized for release by:

Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Michael Priestaf	Lab Job #:	500849
Leighton & Associates, Inc., Irvine	Project No:	ORANGE CA
2600 Michelson Dr	Location:	6145 E. Santiago Canyon Rd, Orange, CA
Suite 400	Date Received:	01/25/24
Irvine, CA 92612		

Sample ID	Lab ID	Collected	Matrix
SP-H-BRIDGE-1	500849-001	01/24/24 07:58	Soil
SP-H-BRIDGE-2	500849-002	01/24/24 08:05	Soil

Case Narrative

Leighton & Associates, Inc., Irvine
2600 Michelson Dr
Suite 400
Irvine, CA 92612
Michael Priestaf

Lab Job 500849
Number:
Project No: ORANGE CA
Location: 6145 E. Santiago Canyon Rd, Orange,
CA

Date Received: 01/25/24

This data package contains sample and QC results for two soil samples, requested for the above referenced project on 01/25/24. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):

- SP-H-BRIDGE-1 (lab # 500849-001) was diluted due to the dark color of the sample extract. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilution.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C and EPA 8270C-SIM):

- High response was observed for benzo(g,h,i)perylene in the CCV analyzed 01/28/24 11:08; affected data was qualified with "b". This analyte was not detected at or above the RL in the associated samples.
- High recoveries were observed for many analytes in the MS/MSD of SP-H-BRIDGE-1 (lab # 500849-001); the LCS was within limits, and these analytes were not detected at or above the RL in the associated samples. High RPD was also observed for many analytes; these analytes were not detected at or above the RL in the associated samples.
- Low surrogate recovery was observed for 2,4,6-tribromophenol in the MSD of SPG01-50.0 (lab # 500887-001).
- SP-H-BRIDGE-1 (lab # 500849-001) and SP-H-BRIDGE-2 (lab # 500849-002) were diluted due to the dark and viscous nature of the sample extracts. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilutions.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- Low recoveries were observed for gamma-BHC and endosulfan I in the MS/MSD of SP-H-BRIDGE-1 (lab # 500849-001); the LCS was within limits, and the associated RPDs were within limits. High recoveries were observed for methoxychlor; the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- High surrogate recoveries were observed for decachlorobiphenyl in the MS/MSD of SP-H-BRIDGE-1 (lab # 500849-001); the corresponding TCMX surrogate recoveries were within limits.
- SP-H-BRIDGE-1 (lab # 500849-001) was diluted due to the color of the sample extract. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilution.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- SP-H-BRIDGE-1 (lab # 500849-001) was diluted due to the color of the sample extract. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilution.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 331530; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

pH of Solid Samples (EPA 9045C):

No analytical problems were encountered.

Organophosphorus Pesticides (EPA 8141A):

American Environmental Testing in Burbank, CA performed the analysis (NELAP certified). Please see the American Environmental Testing case narrative.

8151A Chlorinated Herbicides (EPA 8151A):

American Environmental Testing in Burbank, CA performed the analysis (see sublab report section for certifications). Please see the American Environmental Testing case narrative.

Asbestos by PLM (EPA 600/R-93-116):

MicroTest Laboratories, Inc. in Rancho Cordova, CA performed the analysis (see sublab report section for certifications). Please see the MicroTest Laboratories, Inc. case narrative.

Detection Summary

Michael Priestaf
 Leighton & Associates, Inc., Irvine
 2600 Michelson Dr
 Suite 400
 Irvine, CA 92612

Lab Job #: 500849
 Project No: ORANGE CA
 Location: 6145 E. Santiago Canyon Rd, Orange, CA
 Date Received: 01/25/24

Sample ID: SP-H-BRIDGE-1 Lab ID: 500849-001 Collected: 01/24/24 07:58
Matrix: Soil

500849-001 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	5.9		mg/Kg	0.95
Barium	92		mg/Kg	0.95
Chromium	16		mg/Kg	0.95
Cobalt	3.5		mg/Kg	0.48
Copper	12		mg/Kg	0.95
Lead	8.7		mg/Kg	0.95
Nickel	9.1		mg/Kg	0.95
Vanadium	26		mg/Kg	0.95
Zinc	46		mg/Kg	4.8
Method: EPA 8015M Prep Method: EPA 3580M				
ORO C28-C44	140		mg/Kg	100
Method: EPA 9045C				
pH	10.52		SU	
Temperature	20.10		deg C	1.00

Detection Summary

Sample ID: SP-H-BRIDGE-2	Lab ID: 500849-002	Collected: 01/24/24 08:05
	Matrix: Soil	

500849-002 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	3.7		mg/Kg	0.98
Barium	78		mg/Kg	0.98
Chromium	17		mg/Kg	0.98
Cobalt	6.0		mg/Kg	0.49
Copper	13		mg/Kg	0.98
Lead	10		mg/Kg	0.98
Nickel	13		mg/Kg	0.98
Vanadium	31		mg/Kg	0.98
Zinc	52		mg/Kg	4.9
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	10		mg/Kg	10
ORO C28-C44	28		mg/Kg	20
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	16		ug/Kg	5.1
4,4'-DDT	8.7	C	ug/Kg	5.1
Method: EPA 9045C				
pH	7.68		SU	
Temperature	20.40		deg C	1.00

C Presence confirmed, but RPD between columns exceeds 40%

500849

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record (rush by advanced notice only)

Lab No: AS 500849 Standard: AS 1123M Turn Around Time (rush by advanced notice only)

Page: 1 of 1 5 Day: X 3 Day:
 2 Day: 1 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid W =
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other (lab use only)

Preservatives: 1 =
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS REQUEST										Test Instructions / Comments			
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Matrix	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)		
Report To:	Michael Priestaf	Proj. #:	CLA.0001R23328	Address:	6145 Santiago Canyon Road, Orange, CA	S	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	1-762.3	
Email:	mpriestaf@leightongroup.com	P.O. #:		Global ID:		S	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X		
Phone:	(949) 568-4144	Sampled By:	Michael Priestaf																		
Sample ID		Sampling Date		Sampling Time																	
1 SP-H-Bridge-1		01/24/24		0758																	
2 SP-H-Bridge-2		01/24/24		0905																	
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Signature	Print Name	Company / Title	Date / Time
<i>Michael Priestaf</i>	Michael Priestaf	Leighton / Project Geologist	1/25/24 1000
<i>Michael Priestaf</i>	Michael Priestaf	EA	1/25/24 1602
<i>Michael Priestaf</i>	Michael Priestaf	EA	1/25/24 1630



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Leighton Project: Orange
 Date Received: 1125124 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____
 Sample Temp (°C), One from each cooler: #1: 2-3 #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 12 #2: _____ #3: _____ #4: _____

Section 4

	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sample IDs present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sampling dates & times present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is a relinquished signature present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are custody seals present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If custody seals are present, were they intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the containers labeled with the correct preservatives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 5 Explanations/Comments

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time: _____
 Email (email sent to/on): _____ / _____
 Project Manager's response:

Completed By: [Signature] Date: 1125124

Analysis Results for 500849

Michael Priestaf
 Leighton & Associates, Inc., Irvine
 2600 Michelson Dr
 Suite 400
 Irvine, CA 92612

Lab Job #: 500849
 Project No: ORANGE CA
 Location: 6145 E. Santiago Canyon Rd, Orange, CA
 Date Received: 01/25/24

Sample ID: SP-H-BRIDGE-1	Lab ID: 500849-001	Collected: 01/24/24 07:58
Matrix: Soil		

500849-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	331530	01/26/24	01/29/24	SBW
Arsenic	5.9		mg/Kg	0.95	0.95	331530	01/26/24	01/29/24	SBW
Barium	92		mg/Kg	0.95	0.95	331530	01/26/24	01/29/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	331530	01/26/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	331530	01/26/24	01/29/24	SBW
Chromium	16		mg/Kg	0.95	0.95	331530	01/26/24	01/29/24	SBW
Cobalt	3.5		mg/Kg	0.48	0.95	331530	01/26/24	01/29/24	SBW
Copper	12		mg/Kg	0.95	0.95	331530	01/26/24	01/29/24	SBW
Lead	8.7		mg/Kg	0.95	0.95	331530	01/26/24	01/29/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	331530	01/26/24	01/29/24	SBW
Nickel	9.1		mg/Kg	0.95	0.95	331530	01/26/24	01/29/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	331530	01/26/24	01/29/24	SBW
Silver	ND		mg/Kg	0.48	0.95	331530	01/26/24	01/29/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	331530	01/26/24	01/29/24	SBW
Vanadium	26		mg/Kg	0.95	0.95	331530	01/26/24	01/29/24	SBW
Zinc	46		mg/Kg	4.8	0.95	331530	01/26/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331612	01/29/24	01/29/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	50	5	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	50	5	331614	01/29/24	01/30/24	SME
ORO C28-C44	140		mg/Kg	100	5	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	113%		%REC	70-130	5	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
beta-BHC	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
gamma-BHC	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
delta-BHC	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Heptachlor	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Aldrin	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Heptachlor epoxide	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Endosulfan I	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Dieldrin	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
4,4'-DDE	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Endrin	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Endosulfan II	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES

Analysis Results for 500849

500849-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
4,4'-DDD	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Endrin aldehyde	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Endrin ketone	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
4,4'-DDT	ND		ug/Kg	25	4.9	331468	01/26/24	01/27/24	MES
Methoxychlor	ND		ug/Kg	49	4.9	331468	01/26/24	01/27/24	MES
Toxaphene	ND		ug/Kg	490	4.9	331468	01/26/24	01/27/24	MES
Chlordane (Technical)	ND		ug/Kg	250	4.9	331468	01/26/24	01/27/24	MES

Surrogates				Limits					
TCMX	98%	%REC		23-120	4.9	331468	01/26/24	01/27/24	MES
Decachlorobiphenyl	117%	%REC		24-120	4.9	331468	01/26/24	01/27/24	MES

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES
Aroclor-1221	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES
Aroclor-1232	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES
Aroclor-1242	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES
Aroclor-1248	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES
Aroclor-1254	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES
Aroclor-1260	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES
Aroclor-1262	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES
Aroclor-1268	ND		ug/Kg	98	2	331468	01/26/24	01/27/24	MES

Surrogates				Limits					
Decachlorobiphenyl (PCB)	88%	%REC		19-121	2	331468	01/26/24	01/27/24	MES

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	TCN
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Methylene Chloride	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	TCN
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN

Analysis Results for 500849

500849-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	TCN
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Surrogates				Limits					
Dibromofluoromethane	96%		%REC	70-145	1	331467	01/26/24	01/26/24	TCN
1,2-Dichloroethane-d4	98%		%REC	70-145	1	331467	01/26/24	01/26/24	TCN
Toluene-d8	96%		%REC	70-145	1	331467	01/26/24	01/26/24	TCN
Bromofluorobenzene	107%		%REC	70-145	1	331467	01/26/24	01/26/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
2-Methylnaphthalene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500849

500849-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Acenaphthylene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Acenaphthene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Fluorene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Phenanthrene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Anthracene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Fluoranthene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Pyrene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Benzo(a)anthracene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Chrysene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Benzo(a)pyrene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	500	50	331583	01/27/24	01/28/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	94%		%REC	27-125	50	331583	01/27/24	01/28/24	TJW
2-Fluorobiphenyl	93%		%REC	30-120	50	331583	01/27/24	01/28/24	TJW
Terphenyl-d14	99%		%REC	33-155	50	331583	01/27/24	01/28/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
1-Methylnaphthalene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Pyridine	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Phenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Aniline	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	60,000	50	331583	01/27/24	01/28/24	TJW
2-Chlorophenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Benzyl alcohol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2-Methylphenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
3-,4-Methylphenol	ND		ug/Kg	20,000	50	331583	01/27/24	01/28/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Hexachloroethane	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Nitrobenzene	ND		ug/Kg	60,000	50	331583	01/27/24	01/28/24	TJW
Isophorone	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2-Nitrophenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Benzoic acid	ND		ug/Kg	60,000	50	331583	01/27/24	01/28/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
4-Chloroaniline	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Hexachlorobutadiene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2-Methylnaphthalene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500849

500849-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Hexachlorocyclopentadiene	ND		ug/Kg	60,000	50	331583	01/27/24	01/28/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2-Chloronaphthalene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2-Nitroaniline	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Dimethylphthalate	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
3-Nitroaniline	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	60,000	50	331583	01/27/24	01/28/24	TJW
4-Nitrophenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Dibenzofuran	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Diethylphthalate	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
4-Nitroaniline	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Hexachlorobenzene	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Pentachlorophenol	ND		ug/Kg	60,000	50	331583	01/27/24	01/28/24	TJW
Di-n-butylphthalate	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Benzidine	ND		ug/Kg	60,000	50	331583	01/27/24	01/28/24	TJW
Butylbenzylphthalate	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	60,000	50	331583	01/27/24	01/28/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Di-n-octylphthalate	ND		ug/Kg	13,000	50	331583	01/27/24	01/28/24	TJW
Surrogates									
				Limits					
2-Fluorophenol		DO	%REC	29-120	50	331583	01/27/24	01/28/24	TJW
Phenol-d6		DO	%REC	30-120	50	331583	01/27/24	01/28/24	TJW
2,4,6-Tribromophenol		DO	%REC	32-120	50	331583	01/27/24	01/28/24	TJW
Nitrobenzene-d5		DO	%REC	33-120	50	331583	01/27/24	01/28/24	TJW
2-Fluorobiphenyl		DO	%REC	39-120	50	331583	01/27/24	01/28/24	TJW
Terphenyl-d14		DO	%REC	44-125	50	331583	01/27/24	01/28/24	TJW
Method: EPA 9045C									
	pH	10.52	SU		1	331591	01/28/24	01/28/24	EAP
	Temperature	20.10	deg C	1.00	1	331591	01/28/24	01/28/24	EAP

Analysis Results for 500849

Sample ID: SP-H-BRIDGE-2	Lab ID: 500849-002	Collected: 01/24/24 08:05
Matrix: Soil		

500849-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	331530	01/26/24	01/29/24	SBW
Arsenic	3.7		mg/Kg	0.98	0.98	331530	01/26/24	01/29/24	SBW
Barium	78		mg/Kg	0.98	0.98	331530	01/26/24	01/29/24	SBW
Beryllium	ND		mg/Kg	0.49	0.98	331530	01/26/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.49	0.98	331530	01/26/24	01/29/24	SBW
Chromium	17		mg/Kg	0.98	0.98	331530	01/26/24	01/29/24	SBW
Cobalt	6.0		mg/Kg	0.49	0.98	331530	01/26/24	01/29/24	SBW
Copper	13		mg/Kg	0.98	0.98	331530	01/26/24	01/29/24	SBW
Lead	10		mg/Kg	0.98	0.98	331530	01/26/24	01/29/24	SBW
Molybdenum	ND		mg/Kg	0.98	0.98	331530	01/26/24	01/29/24	SBW
Nickel	13		mg/Kg	0.98	0.98	331530	01/26/24	01/29/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	331530	01/26/24	01/29/24	SBW
Silver	ND		mg/Kg	0.49	0.98	331530	01/26/24	01/29/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	331530	01/26/24	01/29/24	SBW
Vanadium	31		mg/Kg	0.98	0.98	331530	01/26/24	01/29/24	SBW
Zinc	52		mg/Kg	4.9	0.98	331530	01/26/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331612	01/29/24	01/29/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331614	01/29/24	01/31/24	SME
DRO C10-C28	10		mg/Kg	10	1	331614	01/29/24	01/31/24	SME
ORO C28-C44	28		mg/Kg	20	1	331614	01/29/24	01/31/24	SME
Surrogates				Limits					
n-Triacontane	100%		%REC	70-130	1	331614	01/29/24	01/31/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
beta-BHC	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
gamma-BHC	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
delta-BHC	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Heptachlor	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Aldrin	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Endosulfan I	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Dieldrin	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
4,4'-DDE	16		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Endrin	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Endosulfan II	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
4,4'-DDD	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
Endrin ketone	ND		ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES
4,4'-DDT	8.7	C	ug/Kg	5.1	1	331468	01/26/24	01/27/24	MES

Analysis Results for 500849

500849-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331468	01/26/24	01/27/24	MES
Toxaphene	ND		ug/Kg	100	1	331468	01/26/24	01/27/24	MES
Chlordane (Technical)	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Surrogates				Limits					
TCMX	82%		%REC	23-120	1	331468	01/26/24	01/27/24	MES
Decachlorobiphenyl	73%		%REC	24-120	1	331468	01/26/24	01/27/24	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Aroclor-1221	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Aroclor-1232	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Aroclor-1242	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Aroclor-1248	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Aroclor-1254	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Aroclor-1260	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Aroclor-1262	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Aroclor-1268	ND		ug/Kg	51	1	331468	01/26/24	01/27/24	MES
Surrogates				Limits					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	331468	01/26/24	01/27/24	MES
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	TCN
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Methylene Chloride	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	TCN
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN

Analysis Results for 500849

500849-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	TCN
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	TCN
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331467	01/26/24	01/26/24	TCN
1,2-Dichloroethane-d4	96%		%REC	70-145	1	331467	01/26/24	01/26/24	TCN
Toluene-d8	99%		%REC	70-145	1	331467	01/26/24	01/26/24	TCN
Bromofluorobenzene	106%		%REC	70-145	1	331467	01/26/24	01/26/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Naphthalene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Acenaphthylene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Acenaphthene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Fluorene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Phenanthrene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500849

500849-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Fluoranthene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Pyrene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Benzo(a)anthracene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Chrysene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Benzo(a)pyrene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	25	331583	01/27/24	01/28/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	90%		%REC	27-125	25	331583	01/27/24	01/28/24	TJW
2-Fluorobiphenyl	87%		%REC	30-120	25	331583	01/27/24	01/28/24	TJW
Terphenyl-d14	90%		%REC	33-155	25	331583	01/27/24	01/28/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
1-Methylnaphthalene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Pyridine	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Phenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Aniline	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	30,000	25	331583	01/27/24	01/28/24	TJW
2-Chlorophenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Benzyl alcohol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2-Methylphenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
3-,4-Methylphenol	ND		ug/Kg	10,000	25	331583	01/27/24	01/28/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Hexachloroethane	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Nitrobenzene	ND		ug/Kg	30,000	25	331583	01/27/24	01/28/24	TJW
Isophorone	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2-Nitrophenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Benzoic acid	ND		ug/Kg	30,000	25	331583	01/27/24	01/28/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
4-Chloroaniline	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Hexachlorobutadiene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2-Methylnaphthalene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	30,000	25	331583	01/27/24	01/28/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2-Chloronaphthalene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2-Nitroaniline	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500849

500849-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
3-Nitroaniline	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	30,000	25	331583	01/27/24	01/28/24	TJW
4-Nitrophenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Dibenzofuran	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Diethylphthalate	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
4-Nitroaniline	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Hexachlorobenzene	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Pentachlorophenol	ND		ug/Kg	30,000	25	331583	01/27/24	01/28/24	TJW
Di-n-butylphthalate	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Benzidine	ND		ug/Kg	30,000	25	331583	01/27/24	01/28/24	TJW
Butylbenzylphthalate	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	30,000	25	331583	01/27/24	01/28/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Di-n-octylphthalate	ND		ug/Kg	6,200	25	331583	01/27/24	01/28/24	TJW
Surrogates				Limits					
2-Fluorophenol	68%		%REC	29-120	25	331583	01/27/24	01/28/24	TJW
Phenol-d6	85%		%REC	30-120	25	331583	01/27/24	01/28/24	TJW
2,4,6-Tribromophenol	49%		%REC	32-120	25	331583	01/27/24	01/28/24	TJW
Nitrobenzene-d5	80%		%REC	33-120	25	331583	01/27/24	01/28/24	TJW
2-Fluorobiphenyl	95%		%REC	39-120	25	331583	01/27/24	01/28/24	TJW
Terphenyl-d14	95%		%REC	44-125	25	331583	01/27/24	01/28/24	TJW
Method: EPA 9045C									
pH	7.68		SU		1	331598	01/28/24	02/05/24	EAP
Temperature	20.40		deg C	1.00	1	331598	01/28/24	02/05/24	EAP

C Presence confirmed, but RPD between columns exceeds 40%
 DO Diluted Out
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1123418	Batch: 331530
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123418 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	01/26/24	01/29/24
Arsenic	ND		mg/Kg	1.0	01/26/24	01/29/24
Barium	ND		mg/Kg	1.0	01/26/24	01/29/24
Beryllium	ND		mg/Kg	0.50	01/26/24	01/29/24
Cadmium	ND		mg/Kg	0.50	01/26/24	01/29/24
Chromium	ND		mg/Kg	1.0	01/26/24	01/29/24
Cobalt	ND		mg/Kg	0.50	01/26/24	01/29/24
Copper	ND		mg/Kg	1.0	01/26/24	01/29/24
Lead	ND		mg/Kg	1.0	01/26/24	01/29/24
Molybdenum	ND		mg/Kg	1.0	01/26/24	01/29/24
Nickel	ND		mg/Kg	1.0	01/26/24	01/29/24
Selenium	ND		mg/Kg	3.0	01/26/24	01/29/24
Silver	ND		mg/Kg	0.50	01/26/24	01/29/24
Thallium	ND		mg/Kg	3.0	01/26/24	01/29/24
Vanadium	ND		mg/Kg	1.0	01/26/24	01/29/24
Zinc	ND		mg/Kg	5.0	01/26/24	01/29/24

Type: Lab Control Sample	Lab ID: QC1123419	Batch: 331530
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123419 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	92.35	100.0	mg/Kg	92%		80-120
Arsenic	90.80	100.0	mg/Kg	91%		80-120
Barium	99.02	100.0	mg/Kg	99%		80-120
Beryllium	93.69	100.0	mg/Kg	94%		80-120
Cadmium	91.79	100.0	mg/Kg	92%		80-120
Chromium	97.41	100.0	mg/Kg	97%		80-120
Cobalt	103.5	100.0	mg/Kg	103%		80-120
Copper	92.68	100.0	mg/Kg	93%		80-120
Lead	106.0	100.0	mg/Kg	106%		80-120
Molybdenum	92.51	100.0	mg/Kg	93%		80-120
Nickel	103.9	100.0	mg/Kg	104%		80-120
Selenium	86.82	100.0	mg/Kg	87%		80-120
Silver	44.34	50.00	mg/Kg	89%		80-120
Thallium	103.5	100.0	mg/Kg	104%		80-120
Vanadium	93.70	100.0	mg/Kg	94%		80-120
Zinc	108.2	100.0	mg/Kg	108%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1123420	Batch: 331530
Matrix (Source ID): Soil (500821-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123420 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	57.38	ND	98.04	mg/Kg	59%	*	75-125	0.98
Arsenic	97.56	2.106	98.04	mg/Kg	97%		75-125	0.98
Barium	186.1	94.08	98.04	mg/Kg	94%		75-125	0.98
Beryllium	96.44	0.2438	98.04	mg/Kg	98%		75-125	0.98
Cadmium	94.22	ND	98.04	mg/Kg	96%		75-125	0.98
Chromium	106.3	8.316	98.04	mg/Kg	100%		75-125	0.98
Cobalt	102.6	6.476	98.04	mg/Kg	98%		75-125	0.98
Copper	100.3	5.788	98.04	mg/Kg	96%		75-125	0.98
Lead	109.8	9.472	98.04	mg/Kg	102%		75-125	0.98
Molybdenum	93.41	ND	98.04	mg/Kg	95%		75-125	0.98
Nickel	105.2	6.076	98.04	mg/Kg	101%		75-125	0.98
Selenium	91.20	ND	98.04	mg/Kg	93%		75-125	0.98
Silver	45.50	ND	49.02	mg/Kg	93%		75-125	0.98
Thallium	99.44	1.057	98.04	mg/Kg	100%		75-125	0.98
Vanadium	108.9	10.95	98.04	mg/Kg	100%		75-125	0.98
Zinc	129.2	23.05	98.04	mg/Kg	108%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1123421	Batch: 331530
Matrix (Source ID): Soil (500821-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123421 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	52.71	ND	95.24	mg/Kg	55%	*	75-125	6	41	0.95
Arsenic	96.72	2.106	95.24	mg/Kg	99%		75-125	2	35	0.95
Barium	197.9	94.08	95.24	mg/Kg	109%		75-125	8	20	0.95
Beryllium	93.28	0.2438	95.24	mg/Kg	98%		75-125	0	20	0.95
Cadmium	93.45	ND	95.24	mg/Kg	98%		75-125	2	20	0.95
Chromium	106.5	8.316	95.24	mg/Kg	103%		75-125	3	20	0.95
Cobalt	99.99	6.476	95.24	mg/Kg	98%		75-125	0	20	0.95
Copper	99.63	5.788	95.24	mg/Kg	99%		75-125	2	20	0.95
Lead	109.0	9.472	95.24	mg/Kg	105%		75-125	2	20	0.95
Molybdenum	91.98	ND	95.24	mg/Kg	97%		75-125	1	20	0.95
Nickel	103.9	6.076	95.24	mg/Kg	103%		75-125	2	20	0.95
Selenium	90.09	ND	95.24	mg/Kg	95%		75-125	2	20	0.95
Silver	45.31	ND	47.62	mg/Kg	95%		75-125	2	20	0.95
Thallium	97.96	1.057	95.24	mg/Kg	102%		75-125	1	20	0.95
Vanadium	108.0	10.95	95.24	mg/Kg	102%		75-125	2	20	0.95
Zinc	126.7	23.05	95.24	mg/Kg	109%		75-125	0	20	0.95

Batch QC

Type: Post Digest Spike	Lab ID: QC1123422	Batch: 331530
Matrix (Source ID): Soil (500821-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123422 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	88.88	ND	95.24	mg/Kg	93%		75-125	0.95
Arsenic	87.96	2.106	95.24	mg/Kg	90%		75-125	0.95
Barium	171.3	94.08	95.24	mg/Kg	81%		75-125	0.95
Beryllium	84.71	0.2438	95.24	mg/Kg	89%		75-125	0.95
Cadmium	85.07	ND	95.24	mg/Kg	89%		75-125	0.95
Chromium	94.27	8.316	95.24	mg/Kg	90%		75-125	0.95
Cobalt	95.31	6.476	95.24	mg/Kg	93%		75-125	0.95
Copper	91.24	5.788	95.24	mg/Kg	90%		75-125	0.95
Lead	101.5	9.472	95.24	mg/Kg	97%		75-125	0.95
Molybdenum	87.59	ND	95.24	mg/Kg	92%		75-125	0.95
Nickel	94.68	6.076	95.24	mg/Kg	93%		75-125	0.95
Selenium	83.82	ND	95.24	mg/Kg	88%		75-125	0.95
Silver	41.69	ND	47.62	mg/Kg	88%		75-125	0.95
Thallium	91.47	1.057	95.24	mg/Kg	95%		75-125	0.95
Vanadium	95.73	10.95	95.24	mg/Kg	89%		75-125	0.95
Zinc	116.2	23.05	95.24	mg/Kg	98%		75-125	0.95

Type: Blank	Lab ID: QC1123712	Batch: 331612
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1123712 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	01/29/24	01/29/24

Type: Lab Control Sample	Lab ID: QC1123713	Batch: 331612
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1123713 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8459	0.8333	mg/Kg	102%		80-120

Type: Matrix Spike	Lab ID: QC1123714	Batch: 331612
Matrix (Source ID): Soil (500647-004)	Method: EPA 7471A	Prep Method: METHOD

QC1123714 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8985	ND	0.8929	mg/Kg	101%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1123715	Batch: 331612
Matrix (Source ID): Soil (500647-004)	Method: EPA 7471A	Prep Method: METHOD

QC1123715 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8794	ND	0.8772	mg/Kg	100%		75-125	0	20	1.1

Batch QC

Type: Blank	Lab ID: QC1123879	Batch: 331614
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123879 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	01/29/24	01/30/24
DRO C10-C28	ND		mg/Kg	10	01/29/24	01/30/24
ORO C28-C44	ND		mg/Kg	20	01/29/24	01/30/24
Surrogates				Limits		
n-Triacontane	102%		%REC	70-130	01/29/24	01/30/24

Type: Lab Control Sample	Lab ID: QC1123880	Batch: 331614
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123880 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	225.3	248.8	mg/Kg	91%		76-122
Surrogates						
n-Triacontane	10.20	9.950	mg/Kg	103%		70-130

Type: Matrix Spike	Lab ID: QC1123881	Batch: 331614
Matrix (Source ID): Soil (500850-022)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123881 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	180.5	ND	248.3	mg/Kg	73%		62-126	2
Surrogates								
n-Triacontane	8.159		9.930	mg/Kg	82%		70-130	2

Type: Matrix Spike Duplicate	Lab ID: QC1123882	Batch: 331614
Matrix (Source ID): Soil (500850-022)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123882 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	192.4	ND	248.8	mg/Kg	77%		62-126	6	35	2
Surrogates										
n-Triacontane	9.216		9.950	mg/Kg	93%		70-130			2

Batch QC

Type: Blank	Lab ID: QC1123276	Batch: 331468
Matrix: Soil		

QC1123276 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	4.9	01/26/24	01/27/24
beta-BHC	ND		ug/Kg	4.9	01/26/24	01/27/24
gamma-BHC	ND		ug/Kg	4.9	01/26/24	01/27/24
delta-BHC	ND		ug/Kg	4.9	01/26/24	01/27/24
Heptachlor	ND		ug/Kg	4.9	01/26/24	01/27/24
Aldrin	ND		ug/Kg	4.9	01/26/24	01/27/24
Heptachlor epoxide	ND		ug/Kg	4.9	01/26/24	01/27/24
Endosulfan I	ND		ug/Kg	4.9	01/26/24	01/27/24
Dieldrin	ND		ug/Kg	4.9	01/26/24	01/27/24
4,4'-DDE	ND		ug/Kg	4.9	01/26/24	01/27/24
Endrin	ND		ug/Kg	4.9	01/26/24	01/27/24
Endosulfan II	ND		ug/Kg	4.9	01/26/24	01/27/24
Endosulfan sulfate	ND		ug/Kg	4.9	01/26/24	01/27/24
4,4'-DDD	ND		ug/Kg	4.9	01/26/24	01/27/24
Endrin aldehyde	ND		ug/Kg	4.9	01/26/24	01/27/24
Endrin ketone	ND		ug/Kg	4.9	01/26/24	01/27/24
4,4'-DDT	ND		ug/Kg	4.9	01/26/24	01/27/24
Methoxychlor	ND		ug/Kg	9.8	01/26/24	01/27/24
Toxaphene	ND		ug/Kg	98	01/26/24	01/27/24
Chlordane (Technical)	ND		ug/Kg	49	01/26/24	01/27/24
Surrogates				Limits		
TCMX	69%		%REC	23-120	01/26/24	01/27/24
Decachlorobiphenyl	75%		%REC	24-120	01/26/24	01/27/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	49	01/26/24	01/27/24
Aroclor-1221	ND		ug/Kg	49	01/26/24	01/27/24
Aroclor-1232	ND		ug/Kg	49	01/26/24	01/27/24
Aroclor-1242	ND		ug/Kg	49	01/26/24	01/27/24
Aroclor-1248	ND		ug/Kg	49	01/26/24	01/27/24
Aroclor-1254	ND		ug/Kg	49	01/26/24	01/27/24
Aroclor-1260	ND		ug/Kg	49	01/26/24	01/27/24
Aroclor-1262	ND		ug/Kg	49	01/26/24	01/27/24
Aroclor-1268	ND		ug/Kg	49	01/26/24	01/27/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	85%		%REC	19-121	01/26/24	01/27/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1123277	Batch: 331468
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1123277 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	31.29	49.50	ug/Kg	63%		22-129
beta-BHC	29.53	49.50	ug/Kg	60%		28-125
gamma-BHC	34.30	49.50	ug/Kg	69%		22-128
delta-BHC	25.60	49.50	ug/Kg	52%		24-131
Heptachlor	32.65	49.50	ug/Kg	66%		18-124
Aldrin	28.54	49.50	ug/Kg	58%		23-120
Heptachlor epoxide	32.68	49.50	ug/Kg	66%		26-120
Endosulfan I	33.49	49.50	ug/Kg	68%		25-126
Dieldrin	35.55	49.50	ug/Kg	72%		23-124
4,4'-DDE	34.12	49.50	ug/Kg	69%		28-121
Endrin	35.26	49.50	ug/Kg	71%		25-127
Endosulfan II	33.61	49.50	ug/Kg	68%		29-121
Endosulfan sulfate	29.92	49.50	ug/Kg	60%		30-121
4,4'-DDD	35.10	49.50	ug/Kg	71%		26-120
Endrin aldehyde	19.25	49.50	ug/Kg	39%		10-120
Endrin ketone	32.90	49.50	ug/Kg	66%	#	28-125
4,4'-DDT	34.34	49.50	ug/Kg	69%		22-125
Methoxychlor	33.95	49.50	ug/Kg	69%		28-130
Surrogates						
TCMX	29.38	49.50	ug/Kg	59%		23-120
Decachlorobiphenyl	28.44	49.50	ug/Kg	57%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1123316	Batch: 331468
Matrix (Source ID): Soil (500849-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1123316 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	26.13	ND	50.00	ug/Kg	52%		46-120	5
beta-BHC	56.89	ND	50.00	ug/Kg	114%		41-120	5
gamma-BHC	21.38	ND	50.00	ug/Kg	43%		41-120	5
delta-BHC	0.8551	ND	50.00	ug/Kg		DO	38-123	5
Heptachlor	52.58	ND	50.00	ug/Kg	105%		39-120	5
Aldrin	50.95	ND	50.00	ug/Kg	102%		34-120	5
Heptachlor epoxide	54.79	ND	50.00	ug/Kg	110%		43-120	5
Endosulfan I	16.42	ND	50.00	ug/Kg	33%	*	45-120	5
Dieldrin	61.63	7.110	50.00	ug/Kg	109%		45-120	5
4,4'-DDE	66.03	11.89	50.00	ug/Kg	108%		34-120	5
Endrin	54.07	ND	50.00	ug/Kg	108%		40-120	5
Endosulfan II	20.56	ND	50.00	ug/Kg	41%		41-120	5
Endosulfan sulfate	31.08	ND	50.00	ug/Kg	62%		42-120	5
4,4'-DDD	51.66	ND	50.00	ug/Kg	103%		41-120	5
Endrin aldehyde	28.33	ND	50.00	ug/Kg	57%		30-120	5
Endrin ketone	53.71	ND	50.00	ug/Kg	107%		45-120	5
4,4'-DDT	54.08	12.04	50.00	ug/Kg	84%		35-127	5
Methoxychlor	104.9	ND	50.00	ug/Kg	210%	*	42-136	5
Surrogates								
TCMX	53.10		50.00	ug/Kg	106%		23-120	5
Decachlorobiphenyl	67.71		50.00	ug/Kg	135%	*	24-120	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123317	Batch: 331468
Matrix (Source ID): Soil (500849-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1123317 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	24.88	ND	50.00	ug/Kg	50%		46-120	5	30	5
beta-BHC	52.74	ND	50.00	ug/Kg	105%		41-120	8	30	5
gamma-BHC	19.88	ND	50.00	ug/Kg	40%	*	41-120	7	30	5
delta-BHC	0.3665	ND	50.00	ug/Kg		DO	38-123		30	5
Heptachlor	51.88	ND	50.00	ug/Kg	104%		39-120	1	30	5
Aldrin	51.83	ND	50.00	ug/Kg	104%		34-120	2	30	5
Heptachlor epoxide	54.63	ND	50.00	ug/Kg	109%		43-120	0	30	5
Endosulfan I	20.57	ND	50.00	ug/Kg	41%	*	45-120	22	30	5
Dieldrin	61.10	7.110	50.00	ug/Kg	108%		45-120	1	30	5
4,4'-DDE	62.79	11.89	50.00	ug/Kg	102%		34-120	5	30	5
Endrin	52.50	ND	50.00	ug/Kg	105%		40-120	3	30	5
Endosulfan II	20.80	ND	50.00	ug/Kg	42%		41-120	1	30	5
Endosulfan sulfate	31.80	ND	50.00	ug/Kg	64%		42-120	2	30	5
4,4'-DDD	51.41	ND	50.00	ug/Kg	103%		41-120	0	30	5
Endrin aldehyde	28.26	ND	50.00	ug/Kg	57%		30-120	0	30	5
Endrin ketone	51.52	ND	50.00	ug/Kg	103%		45-120	4	30	5
4,4'-DDT	55.90	12.04	50.00	ug/Kg	88%		35-127	3	30	5
Methoxychlor	92.67	ND	50.00	ug/Kg	185%	*	42-136	12	30	5
Surrogates										
TCMX	53.15		50.00	ug/Kg	106%		23-120			5
Decachlorobiphenyl	61.80		50.00	ug/Kg	124%	*	24-120			5

Type: Lab Control Sample	Lab ID: QC1123320	Batch: 331468
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1123320 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	437.3	490.2	ug/Kg	89%		14-150
Aroclor-1260	411.5	490.2	ug/Kg	84%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	41.17	49.02	ug/Kg	84%		19-121

Type: Matrix Spike	Lab ID: QC1123321	Batch: 331468
Matrix (Source ID): Soil (500849-002)	Method: EPA 8082	Prep Method: EPA 3546

QC1123321 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	459.4	ND	495.0	ug/Kg	93%		42-127	0.99
Aroclor-1260	458.6	ND	495.0	ug/Kg	93%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	41.60		49.50	ug/Kg	84%		19-121	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123322	Batch: 331468
Matrix (Source ID): Soil (500849-002)	Method: EPA 8082	Prep Method: EPA 3546

QC1123322 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	429.8	ND	490.2	ug/Kg	88%		42-127	6	30	0.98
Aroclor-1260	408.0	ND	490.2	ug/Kg	83%		38-130	11	30	0.98
Surrogates										
Decachlorobiphenyl (PCB)	35.28		49.02	ug/Kg	72%		19-121			0.98

Type: Lab Control Sample	Lab ID: QC1123216	Batch: 331467
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123216 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.60	50.00	ug/Kg	97%		70-131
MTBE	52.89	50.00	ug/Kg	106%		69-130
Benzene	51.93	50.00	ug/Kg	104%		70-130
Trichloroethene	54.16	50.00	ug/Kg	108%		70-130
Toluene	55.23	50.00	ug/Kg	110%		70-130
Chlorobenzene	54.36	50.00	ug/Kg	109%		70-130
Surrogates						
Dibromofluoromethane	48.27	50.00	ug/Kg	97%		70-130
1,2-Dichloroethane-d4	43.42	50.00	ug/Kg	87%		70-145
Toluene-d8	52.24	50.00	ug/Kg	104%		70-145
Bromofluorobenzene	55.49	50.00	ug/Kg	111%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1123217	Batch: 331467
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123217 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.12	50.00	ug/Kg	90%		70-131	7	33
MTBE	51.25	50.00	ug/Kg	102%		69-130	3	30
Benzene	47.84	50.00	ug/Kg	96%		70-130	8	30
Trichloroethene	51.24	50.00	ug/Kg	102%		70-130	6	30
Toluene	51.74	50.00	ug/Kg	103%		70-130	7	30
Chlorobenzene	51.29	50.00	ug/Kg	103%		70-130	6	30
Surrogates								
Dibromofluoromethane	47.19	50.00	ug/Kg	94%		70-130		
1,2-Dichloroethane-d4	42.03	50.00	ug/Kg	84%		70-145		
Toluene-d8	50.93	50.00	ug/Kg	102%		70-145		
Bromofluorobenzene	54.48	50.00	ug/Kg	109%		70-145		

Batch QC

Type: Blank	Lab ID: QC1123220	Batch: 331467
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123220 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	01/26/24	01/26/24
Freon 12	ND		ug/Kg	5.0	01/26/24	01/26/24
Chloromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Vinyl Chloride	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromomethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Chloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Trichlorofluoromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Acetone	ND		ug/Kg	100	01/26/24	01/26/24
Freon 113	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1-Dichloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
Methylene Chloride	ND		ug/Kg	10	01/26/24	01/26/24
MTBE	ND		ug/Kg	5.0	01/26/24	01/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1-Dichloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
2-Butanone	ND		ug/Kg	100	01/26/24	01/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
2,2-Dichloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24
Chloroform	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromochloromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1-Dichloropropene	ND		ug/Kg	5.0	01/26/24	01/26/24
Carbon Tetrachloride	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dichloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Benzene	ND		ug/Kg	5.0	01/26/24	01/26/24
Trichloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dichloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromodichloromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Dibromomethane	ND		ug/Kg	5.0	01/26/24	01/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	01/26/24	01/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	01/26/24	01/26/24
Toluene	ND		ug/Kg	5.0	01/26/24	01/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,3-Dichloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24
Tetrachloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
Dibromochloromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dibromoethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Chlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Ethylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
m,p-Xylenes	ND		ug/Kg	10	01/26/24	01/26/24
o-Xylene	ND		ug/Kg	5.0	01/26/24	01/26/24
Styrene	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromoform	ND		ug/Kg	5.0	01/26/24	01/26/24
Isopropylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24

Batch QC

QC1123220 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
2-Chlorotoluene	ND		ug/Kg	5.0	01/26/24	01/26/24
4-Chlorotoluene	ND		ug/Kg	5.0	01/26/24	01/26/24
tert-Butylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
sec-Butylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
n-Butylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
Hexachlorobutadiene	ND		ug/Kg	5.0	01/26/24	01/26/24
Naphthalene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	01/26/24	01/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	01/26/24	01/26/24
Xylene (total)	ND		ug/Kg	5.0	01/26/24	01/26/24
Surrogates				Limits		
Dibromofluoromethane	95%		%REC	70-130	01/26/24	01/26/24
1,2-Dichloroethane-d4	88%		%REC	70-145	01/26/24	01/26/24
Toluene-d8	101%		%REC	70-145	01/26/24	01/26/24
Bromofluorobenzene	107%		%REC	70-145	01/26/24	01/26/24

Batch QC

Type: Blank	Lab ID: QC1123593	Batch: 331583
Matrix: Soil		

QC1123593 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8270C-SIM						
Prep Method: EPA 3546						
1-Methylnaphthalene	ND		ug/Kg	10	01/27/24	01/28/24
2-Methylnaphthalene	ND		ug/Kg	10	01/27/24	01/28/24
Naphthalene	ND		ug/Kg	10	01/27/24	01/28/24
Acenaphthylene	ND		ug/Kg	10	01/27/24	01/28/24
Acenaphthene	ND		ug/Kg	10	01/27/24	01/28/24
Fluorene	ND		ug/Kg	10	01/27/24	01/28/24
Phenanthrene	ND		ug/Kg	10	01/27/24	01/28/24
Anthracene	ND		ug/Kg	10	01/27/24	01/28/24
Fluoranthene	ND		ug/Kg	10	01/27/24	01/28/24
Pyrene	ND		ug/Kg	10	01/27/24	01/28/24
Benzo(a)anthracene	ND		ug/Kg	10	01/27/24	01/28/24
Chrysene	ND		ug/Kg	10	01/27/24	01/28/24
Benzo(b)fluoranthene	ND		ug/Kg	10	01/27/24	01/28/24
Benzo(k)fluoranthene	ND		ug/Kg	10	01/27/24	01/28/24
Benzo(a)pyrene	ND		ug/Kg	10	01/27/24	01/28/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	01/27/24	01/28/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	01/27/24	01/28/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	01/27/24	01/28/24
Surrogates				Limits		
Nitrobenzene-d5	92%		%REC	27-125	01/27/24	01/28/24
2-Fluorobiphenyl	86%		%REC	30-120	01/27/24	01/28/24
Terphenyl-d14	92%		%REC	33-155	01/27/24	01/28/24
Method: EPA 8270C						
Prep Method: EPA 3546						
Carbazole	ND		ug/Kg	250	01/27/24	01/28/24
1-Methylnaphthalene	ND		ug/Kg	250	01/27/24	01/28/24
Pyridine	ND		ug/Kg	250	01/27/24	01/28/24
N-Nitrosodimethylamine	ND		ug/Kg	250	01/27/24	01/28/24
Phenol	ND		ug/Kg	250	01/27/24	01/28/24
Aniline	ND		ug/Kg	250	01/27/24	01/28/24
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	01/27/24	01/28/24
2-Chlorophenol	ND		ug/Kg	250	01/27/24	01/28/24
1,3-Dichlorobenzene	ND		ug/Kg	250	01/27/24	01/28/24
1,4-Dichlorobenzene	ND		ug/Kg	250	01/27/24	01/28/24
Benzyl alcohol	ND		ug/Kg	250	01/27/24	01/28/24
1,2-Dichlorobenzene	ND		ug/Kg	250	01/27/24	01/28/24
2-Methylphenol	ND		ug/Kg	250	01/27/24	01/28/24
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	01/27/24	01/28/24
3-,4-Methylphenol	ND		ug/Kg	400	01/27/24	01/28/24
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	01/27/24	01/28/24
Hexachloroethane	ND		ug/Kg	250	01/27/24	01/28/24
Nitrobenzene	ND		ug/Kg	1,200	01/27/24	01/28/24
Isophorone	ND		ug/Kg	250	01/27/24	01/28/24
2-Nitrophenol	ND		ug/Kg	250	01/27/24	01/28/24
2,4-Dimethylphenol	ND		ug/Kg	250	01/27/24	01/28/24

Batch QC

QC1123593 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Benzoic acid	ND		ug/Kg	1,200	01/27/24	01/28/24
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	01/27/24	01/28/24
2,4-Dichlorophenol	ND		ug/Kg	250	01/27/24	01/28/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	01/27/24	01/28/24
4-Chloroaniline	ND		ug/Kg	250	01/27/24	01/28/24
Hexachlorobutadiene	ND		ug/Kg	250	01/27/24	01/28/24
4-Chloro-3-methylphenol	ND		ug/Kg	250	01/27/24	01/28/24
2-Methylnaphthalene	ND		ug/Kg	250	01/27/24	01/28/24
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	01/27/24	01/28/24
2,4,6-Trichlorophenol	ND		ug/Kg	250	01/27/24	01/28/24
2,4,5-Trichlorophenol	ND		ug/Kg	250	01/27/24	01/28/24
2-Chloronaphthalene	ND		ug/Kg	250	01/27/24	01/28/24
2-Nitroaniline	ND		ug/Kg	250	01/27/24	01/28/24
Dimethylphthalate	ND		ug/Kg	250	01/27/24	01/28/24
2,6-Dinitrotoluene	ND		ug/Kg	250	01/27/24	01/28/24
3-Nitroaniline	ND		ug/Kg	250	01/27/24	01/28/24
2,4-Dinitrophenol	ND		ug/Kg	1,200	01/27/24	01/28/24
4-Nitrophenol	ND		ug/Kg	250	01/27/24	01/28/24
Dibenzofuran	ND		ug/Kg	250	01/27/24	01/28/24
2,4-Dinitrotoluene	ND		ug/Kg	250	01/27/24	01/28/24
Diethylphthalate	ND		ug/Kg	250	01/27/24	01/28/24
4-Chlorophenyl-phenylether	ND		ug/Kg	250	01/27/24	01/28/24
4-Nitroaniline	ND		ug/Kg	250	01/27/24	01/28/24
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	01/27/24	01/28/24
N-Nitrosodiphenylamine	ND		ug/Kg	250	01/27/24	01/28/24
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	01/27/24	01/28/24
4-Bromophenyl-phenylether	ND		ug/Kg	250	01/27/24	01/28/24
Hexachlorobenzene	ND		ug/Kg	250	01/27/24	01/28/24
Pentachlorophenol	ND		ug/Kg	1,200	01/27/24	01/28/24
Di-n-butylphthalate	ND		ug/Kg	250	01/27/24	01/28/24
Benzidine	ND		ug/Kg	1,200	01/27/24	01/28/24
Butylbenzylphthalate	ND		ug/Kg	250	01/27/24	01/28/24
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	01/27/24	01/28/24
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	01/27/24	01/28/24
Di-n-octylphthalate	ND		ug/Kg	250	01/27/24	01/28/24
Surrogates				Limits		
2-Fluorophenol	75%		%REC	29-120	01/27/24	01/28/24
Phenol-d6	82%		%REC	30-120	01/27/24	01/28/24
2,4,6-Tribromophenol	64%		%REC	32-120	01/27/24	01/28/24
Nitrobenzene-d5	89%		%REC	33-120	01/27/24	01/28/24
2-Fluorobiphenyl	86%		%REC	39-120	01/27/24	01/28/24
Terphenyl-d14	91%		%REC	44-125	01/27/24	01/28/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1123594	Batch: 331583
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1123594 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	3,437	3731	ug/Kg	92%		42-120
2-Chlorophenol	3,275	3731	ug/Kg	88%		41-120
1,4-Dichlorobenzene	3,358	3731	ug/Kg	90%		36-120
3-,4-Methylphenol	3,588	3731	ug/Kg	96%		42-120
N-Nitroso-di-n-propylamine	3,525	3731	ug/Kg	94%		43-121
2,4-Dimethylphenol	2,888	3731	ug/Kg	77%		25-120
1,2,4-Trichlorobenzene	3,296	3731	ug/Kg	88%		38-120
4-Chloro-3-methylphenol	3,640	3731	ug/Kg	98%		40-125
2,4,5-Trichlorophenol	3,849	3731	ug/Kg	103%		40-124
4-Nitrophenol	3,405	3731	ug/Kg	91%		24-128
2,4-Dinitrotoluene	3,622	3731	ug/Kg	97%		40-131
Pentachlorophenol	2,548	3731	ug/Kg	68%		35-120
Surrogates						
2-Fluorophenol	1,727	1990	ug/Kg	87%		29-120
Phenol-d6	1,743	1990	ug/Kg	88%		30-120
2,4,6-Tribromophenol	1,712	1990	ug/Kg	86%		32-120
Nitrobenzene-d5	1,862	1990	ug/Kg	94%		33-120
2-Fluorobiphenyl	1,806	1990	ug/Kg	91%		39-120
Terphenyl-d14	1,759	1990	ug/Kg	88%		44-125

Type: Matrix Spike	Lab ID: QC1123595	Batch: 331583
Matrix (Source ID): Soil (500887-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1123595 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,009	ND	3750	ug/Kg	80%		37-120	25
2-Chlorophenol	2,351	ND	3750	ug/Kg		DO	33-120	25
1,4-Dichlorobenzene	3,289	ND	3750	ug/Kg	88%		32-120	25
3-,4-Methylphenol	3,153	ND	3750	ug/Kg	84%		37-120	25
N-Nitroso-di-n-propylamine	2,903	ND	3750	ug/Kg	77%		32-120	25
2,4-Dimethylphenol	2,386	ND	3750	ug/Kg	64%		32-120	25
1,2,4-Trichlorobenzene	2,875	ND	3750	ug/Kg	77%		33-120	25
4-Chloro-3-methylphenol	3,060	ND	3750	ug/Kg	82%		41-121	25
2,4,5-Trichlorophenol	1,696	ND	3750	ug/Kg		DO	40-120	25
4-Nitrophenol	3,901	ND	3750	ug/Kg		DO	20-141	25
2,4-Dinitrotoluene	2,553	ND	3750	ug/Kg	68%		33-128	25
Pentachlorophenol	0	ND	3750	ug/Kg		DO	28-132	25
Surrogates								
2-Fluorophenol	1,048		2000	ug/Kg	52%		29-120	25
Phenol-d6	1,521		2000	ug/Kg	76%		30-120	25
2,4,6-Tribromophenol	733.2		2000	ug/Kg	37%		32-120	25
Nitrobenzene-d5	1,578		2000	ug/Kg	79%		33-120	25
2-Fluorobiphenyl	1,824		2000	ug/Kg	91%		39-120	25
Terphenyl-d14	1,684		2000	ug/Kg	84%		44-125	25

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123596	Batch: 331583
Matrix (Source ID): Soil (500887-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1123596 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	2,902	ND	3731	ug/Kg	78%		37-120	3	49	25
2-Chlorophenol	2,379	ND	3731	ug/Kg		DO	33-120		52	25
1,4-Dichlorobenzene	3,297	ND	3731	ug/Kg	88%		32-120	1	50	25
3-,4-Methylphenol	3,751	ND	3731	ug/Kg	101%		37-120	18	54	25
N-Nitroso-di-n-propylamine	3,460	ND	3731	ug/Kg	93%		32-120	18	50	25
2,4-Dimethylphenol	2,866	ND	3731	ug/Kg	77%		32-120	19	50	25
1,2,4-Trichlorobenzene	3,941	ND	3731	ug/Kg	106%		33-120	32	50	25
4-Chloro-3-methylphenol	3,685	ND	3731	ug/Kg	99%		41-121	19	43	25
2,4,5-Trichlorophenol	2,392	ND	3731	ug/Kg		DO	40-120		47	25
4-Nitrophenol	269.8	ND	3731	ug/Kg		DO	20-141		30	25
2,4-Dinitrotoluene	2,822	ND	3731	ug/Kg	76%		33-128	10	50	25
Pentachlorophenol	0	ND	3731	ug/Kg		DO	28-132		30	25
Surrogates										
2-Fluorophenol	930.0		1990	ug/Kg	47%		29-120			25
Phenol-d6	1,443		1990	ug/Kg	72%		30-120			25
2,4,6-Tribromophenol	285.9		1990	ug/Kg	14%	*	32-120			25
Nitrobenzene-d5	1,810		1990	ug/Kg	91%		33-120			25
2-Fluorobiphenyl	2,049		1990	ug/Kg	103%		39-120			25
Terphenyl-d14	1,858		1990	ug/Kg	93%		44-125			25

Batch QC

Type: Lab Control Sample	Lab ID: QC1123597	Batch: 331583
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1123597 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	166.1	200.0	ug/Kg	83%		28-130
2-Methylnaphthalene	166.8	200.0	ug/Kg	83%		33-130
Naphthalene	176.6	200.0	ug/Kg	88%		25-130
Acenaphthylene	159.4	200.0	ug/Kg	80%		28-130
Acenaphthene	172.3	200.0	ug/Kg	86%		32-130
Fluorene	178.7	200.0	ug/Kg	89%		35-130
Phenanthrene	183.0	200.0	ug/Kg	91%		35-132
Anthracene	190.0	200.0	ug/Kg	95%		34-136
Fluoranthene	176.6	200.0	ug/Kg	88%		34-139
Pyrene	171.2	200.0	ug/Kg	86%		35-134
Benzo(a)anthracene	187.2	200.0	ug/Kg	94%		30-132
Chrysene	190.5	200.0	ug/Kg	95%		29-130
Benzo(b)fluoranthene	197.7	200.0	ug/Kg	99%		32-137
Benzo(k)fluoranthene	217.6	200.0	ug/Kg	109%		32-130
Benzo(a)pyrene	181.2	200.0	ug/Kg	91%		10-138
Indeno(1,2,3-cd)pyrene	227.8	200.0	ug/Kg	114%		34-132
Dibenz(a,h)anthracene	214.3	200.0	ug/Kg	107%		32-130
Benzo(g,h,i)perylene	213.6	200.0	ug/Kg	107%	b	27-130
Surrogates						
Nitrobenzene-d5	181.0	200.0	ug/Kg	91%		27-125
2-Fluorobiphenyl	174.5	200.0	ug/Kg	87%		30-120
Terphenyl-d14	164.5	200.0	ug/Kg	82%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1123598	Batch: 331583
Matrix (Source ID): Soil (500849-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1123598 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	195.4	ND	200.0	ug/Kg	98%		25-130	50
2-Methylnaphthalene	180.7	ND	200.0	ug/Kg	90%		32-133	50
Naphthalene	188.2	ND	200.0	ug/Kg	94%		33-130	50
Acenaphthylene	181.0	ND	200.0	ug/Kg	91%		14-157	50
Acenaphthene	190.9	ND	200.0	ug/Kg	95%		28-134	50
Fluorene	185.0	ND	200.0	ug/Kg	92%		27-140	50
Phenanthrene	586.6	ND	200.0	ug/Kg	293%	*	29-147	50
Anthracene	301.9	ND	200.0	ug/Kg	151%		24-156	50
Fluoranthene	1,084	140.7	200.0	ug/Kg	472%	*	28-160	50
Pyrene	976.3	136.7	200.0	ug/Kg	420%	*	26-153	50
Benzo(a)anthracene	595.2	64.96	200.0	ug/Kg	265%	*	26-174	50
Chrysene	645.5	95.73	200.0	ug/Kg	275%	*	40-139	50
Benzo(b)fluoranthene	622.1	125.3	200.0	ug/Kg	248%	*	36-164	50
Benzo(k)fluoranthene	461.6	ND	200.0	ug/Kg	231%	*	36-161	50
Benzo(a)pyrene	497.2	ND	200.0	ug/Kg	249%	*	18-173	50
Indeno(1,2,3-cd)pyrene	425.0	ND	200.0	ug/Kg	213%	*	26-154	50
Dibenz(a,h)anthracene	247.4	ND	200.0	ug/Kg	124%		38-132	50
Benzo(g,h,i)perylene	429.5	ND	200.0	ug/Kg	215%	b,*	36-130	50
Surrogates								
Nitrobenzene-d5	174.7		200.0	ug/Kg	87%		27-125	50
2-Fluorobiphenyl	195.1		200.0	ug/Kg	98%		30-120	50
Terphenyl-d14	194.6		200.0	ug/Kg	97%		33-155	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123599	Batch: 331583
Matrix (Source ID): Soil (500849-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1123599 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	200.9	ND	200.0	ug/Kg	100%		25-130	3	35	50
2-Methylnaphthalene	200.0	ND	200.0	ug/Kg	100%		32-133	10	35	50
Naphthalene	190.8	ND	200.0	ug/Kg	95%		33-130	1	35	50
Acenaphthylene	192.6	ND	200.0	ug/Kg	96%		14-157	6	35	50
Acenaphthene	212.7	ND	200.0	ug/Kg	106%		28-134	11	35	50
Fluorene	202.5	ND	200.0	ug/Kg	101%		27-140	9	35	50
Phenanthrene	332.8	ND	200.0	ug/Kg	166%	*	29-147	55*	35	50
Anthracene	235.2	ND	200.0	ug/Kg	118%		24-156	25	35	50
Fluoranthene	550.2	140.7	200.0	ug/Kg	205%	*	28-160	65*	35	50
Pyrene	561.8	136.7	200.0	ug/Kg	213%	*	26-153	54*	35	50
Benzo(a)anthracene	380.6	64.96	200.0	ug/Kg	158%		26-174	44*	35	50
Chrysene	416.7	95.73	200.0	ug/Kg	161%	*	40-139	43*	35	50
Benzo(b)fluoranthene	404.4	125.3	200.0	ug/Kg	140%		36-164	42*	35	50
Benzo(k)fluoranthene	331.9	ND	200.0	ug/Kg	166%	*	36-161	33	35	50
Benzo(a)pyrene	334.9	ND	200.0	ug/Kg	167%		18-173	39*	35	50
Indeno(1,2,3-cd)pyrene	351.4	ND	200.0	ug/Kg	176%	*	26-154	19	35	50
Dibenz(a,h)anthracene	229.4	ND	200.0	ug/Kg	115%		38-132	8	35	50
Benzo(g,h,i)perylene	330.3	ND	200.0	ug/Kg	165%	b,*	36-130	26	35	50
Surrogates										
Nitrobenzene-d5	189.6		200.0	ug/Kg	95%		27-125			50
2-Fluorobiphenyl	201.6		200.0	ug/Kg	101%		30-120			50
Terphenyl-d14	222.9		200.0	ug/Kg	111%		33-155			50

Type: Sample Duplicate	Lab ID: QC1123618	Batch: 331591
Matrix (Source ID): Soil (500608-021)	Method: EPA 9045C	

QC1123618 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	7.450	7.450	SU		0	20	1
Temperature	20.40	20.50	deg C		0	20	1

Type: Sample Duplicate	Lab ID: QC1123619	Batch: 331591
Matrix (Source ID): Soil (500848-021)	Method: EPA 9045C	

QC1123619 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	11.91	11.93	SU		0	20	1
Temperature	20.50	20.60	deg C		0	20	1

Batch QC

Type: Sample Duplicate	Lab ID: QC1123648	Batch: 331598
Matrix (Source ID): Soil (500850-021)	Method: EPA 9045C	

QC1123648 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	7.760	8.140	SU		5	20	1
Temperature	20.40	20.40	deg C		0	20	1

- # CCV drift outside limits; average CCV drift within limits per method requirements
- * Value is outside QC limits
- DO Diluted Out
- ND Not Detected
- b See narrative

Laboratory Job Number 500849

Subcontracted Products

American Environmental Testing



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February 02, 2024

AETL Job No: BFA0182
Received Date: 01/26/2024
Project Number: EO-500849

Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868
Telephone: (714) 771-9930

Attention: Patty Mata

Project Name: EO-500849

Site:

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Lakeisha Crouch
Project Manager

Table of Contents

Client Project Name: OPP & Herbicide Project Number: EO-500849
Work Order Number: BFA0182

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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0182
Project Number: EO-500849
Attention: Patty Mata
Project Name: EO-500849

Reported: 02/02/2024 16:56

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 4.1 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Subcontract Laboratory:

 American Environmental Testing
 2840 N Naomi Street
 Burbank, CA 91504-2023
 ATTN: Hailley Coleman
 PO #: Required, to be sent via email

Enthalpy Order: EO-500849

 PM: Patty Mata
 Email: patty.mata@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-6900

Results Due: Standard TAT

Report Level: II

Report To: RL

BFA0182

EDDs: Standard Excel Transfer File (3 tab xls: SAMPDATE, QC DATA, LNOTE)

Notes:

Need both 8141 & 8151 tests.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SP-H-BRIDGE-1	24-JAN-2024 07:58	500849-001	1	Soil	Organophosphorus Pesticides	
				Soil	EPA 8151A Chlorinated Herbicides	BFA0182-01
SP-H-BRIDGE-2	24-JAN-2024 08:05	500849-002	1	Soil	Organophosphorus Pesticides	
				Soil	EPA 8151A Chlorinated Herbicides	BFA0182-02

Notes:	Relinquished By:	Received By:
	<i>[Signature]</i>	
	Date: 1/26/24 1400	Date:
	Date:	Date: <i>[Signature]</i>
	Date:	Date: 01/26/24 14:00



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COOLER RECEIPT FORM

Client Name: Enthalpy Analytical				
Project Name: OPP & Herbicides			Project No.: EO-500849	
AETL Job Number: BFA0182				
Date Received: 01/26/2024		Received by: Areg A.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (1) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: 4.1 °C IR Gun S/N: 51941909MV				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No*	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers intact and in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
12. Are there any samples with short hold times?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager (PM). The PM will contact the client for Analyze or Resample instructions.

* For samples generating a “No” answer, the Project Manager is notified, and the PM will contact the client for Analyze or Resample instructions.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Samples Received

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SP-H-BRIDGE-1	01/24/2024 7:58
Lab ID	Matrix
BFA0182-01	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SP-H-BRIDGE-2	01/24/2024 8:05
Lab ID	Matrix
BFA0182-02	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5

Total Number of Samples received: 2



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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No positive results reported



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Analytical Results

Client ID: SP-H-BRIDGE-1

Lab ID: BFA0182-01 (Soil)

Sampled: 01/24/24 7:58

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Coumaphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Demeton-O & S	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Diazinon	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Disulfoton	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Ethoprop	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Fensulfothion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Fenthion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Malathion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Merphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Mevinphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Naled	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Ronnel	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541
Trichloronate	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 11:16	B4A0476	TTN	3541

Recovery

Acceptance Criteria

Surrogate: Tributylphosphate

94.7%

50-150

01/30/24 16:56

02/02/24 11:16

B4A0476

TTN

3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Analytical Results

Client ID: SP-H-BRIDGE-1

Lab ID: BFA0182-01 (Soil)

Sampled: 01/24/24 7:58

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method	
Chlorinated Herbicides (Continued)											
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	
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				Recovery	Acceptance Criteria						
Surrogate: DCAA	12.8%	S6		25-140		01/30/24 08:01	02/02/24 12:20	B4A0452	KF	3550B	



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0182
Project Number: EO-500849
Attention: Patty Mata
Project Name: EO-500849

Reported: 02/02/2024 16:56

Analytical Results

Client ID: SP-H-BRIDGE-2

Lab ID: BFA0182-02 (Soil)

Sampled: 01/24/24 8:05

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Coumaphos	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Demeton-O & S	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Diazinon	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Disulfoton	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Ethoprop	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Fensulfothion	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Fenthion	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Malathion	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Merphos	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Mevinphos	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Naled	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Ronnel	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541
Trichloronate	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 11:49	B4A0476	TTN	3541

Recovery

Acceptance Criteria

Surrogate: Tributylphosphate

99.0%

50-150

01/30/24 16:56

02/02/24 11:49

B4A0476

TTN

3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Analytical Results

Client ID: SP-H-BRIDGE-2

Lab ID: BFA0182-02 (Soil)

Sampled: 01/24/24 8:05

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	34.3%			25-140		01/30/24 08:01	02/02/24 12:49	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0476 - 3541				Prepared: 01/30/2024 16:56						
Method Blank (B4A0476-BLK1)				Analyzed: 02/01/2024 23:27						
Azinphos-methyl	ND	0.0200	mg/kg							
Bolstar (Sulprofos)	ND	0.0200	mg/kg							
Chloropyrifos (Dursban)	ND	0.0200	mg/kg							
Coumaphos	ND	0.0200	mg/kg							
Demeton-O & S	ND	0.0200	mg/kg							
Diazinon	ND	0.0200	mg/kg							
Dichlorvos (DDVP, Diclorovos)	ND	0.0200	mg/kg							
Disulfoton	ND	0.0200	mg/kg							
Ethoprop	ND	0.0200	mg/kg							
Fensulfothion	ND	0.0200	mg/kg							
Fenthion	ND	0.0200	mg/kg							
Malathion	ND	0.0200	mg/kg							
Merphos	ND	0.0200	mg/kg							
Methyl parathion (Parathion methyl)	ND	0.0200	mg/kg							
Mevinphos	ND	0.0200	mg/kg							
Naled	ND	0.0200	mg/kg							
Phorate (Phosphorodithioic acid)	ND	0.0200	mg/kg							
Ronnel	ND	0.0200	mg/kg							
Tetrachlorvinphos (Stirophos)	ND	0.0200	mg/kg							
Tokuthion (Prothiofos)	ND	0.0200	mg/kg							
Trichloronate	ND	0.0200	mg/kg							
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Surrogate: Tributylphosphate	0.161		mg/kg	0.167		96.4	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0476 - 3541 (Continued)				Prepared: 01/30/2024 16:56						
LCS (B4A0476-BS1)				Analyzed: 02/01/2024 21:16						
Azinphos-methyl	0.108	0.0200	mg/kg	0.133		80.6	30-150			
Bolstar (Sulprofos)	0.113	0.0200	mg/kg	0.133		84.5	30-150			
Chloropyrifos (Dursban)	0.124	0.0200	mg/kg	0.133		93.1	30-150			
Coumaphos	0.124	0.0200	mg/kg	0.133		93.1	30-150			
Demeton-O & S	0.0425	0.0200	mg/kg	0.133		31.9	20-150			
Diazinon	0.125	0.0200	mg/kg	0.133		93.4	30-150			
Dichlorvos (DDVP, Diclorovos)	0.133	0.0200	mg/kg	0.133		99.6	30-150			
Disulfoton	0.119	0.0200	mg/kg	0.133		89.2	30-150			
Ethoprop	0.119	0.0200	mg/kg	0.133		88.9	30-150			
Fensulfothion	0.141	0.0200	mg/kg	0.133		106	30-150			
Fenthion	0.122	0.0200	mg/kg	0.133		91.4	30-150			
Malathion	0.130	0.0200	mg/kg	0.133		97.7	30-150			
Merphos	0.109	0.0200	mg/kg	0.133		81.7	30-150			
Methyl parathion (Parathion methyl)	0.116	0.0200	mg/kg	0.133		86.7	30-150			
Mevinphos	0.167	0.0200	mg/kg	0.133		125	30-150			
Naled	0.0761	0.0200	mg/kg	0.133		57.1	30-150			
Phorate (Phosphorodithioic acid)	0.124	0.0200	mg/kg	0.133		93.3	30-150			
Ronnel	0.128	0.0200	mg/kg	0.133		96.4	30-150			
Tetrachlorvinphos (Stirophos)	0.145	0.0200	mg/kg	0.133		108	30-150			
Tokuthion (Prothiofos)	0.126	0.0200	mg/kg	0.133		94.2	30-150			
Trichloronate	0.119	0.0200	mg/kg	0.133		89.2	30-150			
<i>Surrogate: Tributylphosphate</i>	<i>0.160</i>		<i>mg/kg</i>	<i>0.167</i>		<i>96.1</i>	<i>50-150</i>			

LCS (B4A0476-BSD1)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
				Analyzed: 02/01/2024 21:48						
Azinphos-methyl	0.0959	0.0200	mg/kg	0.133		72.0	30-150	11.4	40	
Bolstar (Sulprofos)	0.105	0.0200	mg/kg	0.133		78.5	30-150	7.36	40	
Chloropyrifos (Dursban)	0.113	0.0200	mg/kg	0.133		84.5	30-150	9.78	40	
Coumaphos	0.110	0.0200	mg/kg	0.133		82.3	30-150	12.2	40	
Demeton-O & S	0.0360	0.0200	mg/kg	0.133		27.0	20-150	16.6	40	
Diazinon	0.114	0.0200	mg/kg	0.133		85.5	30-150	8.87	40	
Dichlorvos (DDVP, Diclorovos)	0.124	0.0200	mg/kg	0.133		92.8	30-150	7.02	40	
Disulfoton	0.109	0.0200	mg/kg	0.133		81.4	30-150	9.13	40	
Ethoprop	0.109	0.0200	mg/kg	0.133		81.5	30-150	8.63	40	
Fensulfothion	0.131	0.0200	mg/kg	0.133		97.9	30-150	7.67	40	
Fenthion	0.111	0.0200	mg/kg	0.133		83.2	30-150	9.46	40	
Malathion	0.118	0.0200	mg/kg	0.133		88.7	30-150	9.69	40	
Merphos	0.0982	0.0200	mg/kg	0.133		73.7	30-150	10.4	40	
Methyl parathion (Parathion methyl)	0.105	0.0200	mg/kg	0.133		78.9	30-150	9.47	40	
Mevinphos	0.153	0.0200	mg/kg	0.133		115	30-150	8.57	40	
Naled	0.0704	0.0200	mg/kg	0.133		52.8	30-150	7.75	40	
Phorate (Phosphorodithioic acid)	0.115	0.0200	mg/kg	0.133		86.0	30-150	8.18	40	

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0476 - 3541 (Continued)										
LCSD (B4A0476-BSD1)				Prepared: 01/30/2024 16:56						
				Analyzed: 02/01/2024 21:48						
Ronnel	0.117	0.0200	mg/kg	0.133		88.0	30-150	9.02	40	
Tetrachlorvinphos (Stirophos)	0.132	0.0200	mg/kg	0.133		99.1	30-150	9.00	40	
Tokuthion (Prothiofos)	0.115	0.0200	mg/kg	0.133		86.0	30-150	9.15	40	
Trichloronate	0.108	0.0200	mg/kg	0.133		81.0	30-150	9.61	40	

Surrogate: Tributylphosphate	0.146		mg/kg	0.167		87.8	50-150			

Matrix Spike (B4A0476-MS1)	Source: BFA0181-12	Analyzed: 02/01/2024 22:21
Azinphos-methyl	0.0743	0.0200 mg/kg 0.131 56.5 5-150
Bolstar (Sulprofos)	0.0821	0.0200 mg/kg 0.131 62.5 50-150
Chlorpyrifos (Dursban)	0.0877	0.0200 mg/kg 0.131 66.7 5-150
Coumaphos	0.0830	0.0200 mg/kg 0.131 63.1 5-150
Demeton-O & S	0.0452	0.0200 mg/kg 0.131 34.4 5-150
Diazinon	0.0905	0.0200 mg/kg 0.131 68.8 5-150
Dichlorvos (DDVP, Diclorovos)	0.119	0.0200 mg/kg 0.131 90.6 5-150
Disulfoton	0.0829	0.0200 mg/kg 0.131 63.1 5-150
Ethoprop	0.0844	0.0200 mg/kg 0.131 64.2 50-150
Fensulfothion	0.0804	0.0200 mg/kg 0.131 61.1 5-150
Fenthion	0.0847	0.0200 mg/kg 0.131 64.4 5-150
Malathion	0.0896	0.0200 mg/kg 0.131 68.1 5-150
Merphos	0.105	0.0200 mg/kg 0.131 80.1 5-150
Methyl parathion (Parathion methyl)	0.0785	0.0200 mg/kg 0.131 59.7 5-150
Mevinphos	0.108	0.0200 mg/kg 0.131 82.5 5-150
Naled	0.0179	0.0200 mg/kg 0.131 13.6 5-150
Phorate (Phosphorodithioic acid)	0.0898	0.0200 mg/kg 0.131 68.3 50-150
Ronnel	0.0911	0.0200 mg/kg 0.131 69.3 50-150
Tetrachlorvinphos (Stirophos)	0.0963	0.0200 mg/kg 0.131 73.2 5-150
Tokuthion (Prothiofos)	0.0902	0.0200 mg/kg 0.131 68.6 5-150
Trichloronate	0.0850	0.0200 mg/kg 0.131 64.6 5-150

Surrogate: Tributylphosphate	0.113	mg/kg 0.164 68.8 50-150



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0476 - 3541 (Continued)				Prepared: 01/30/2024 16:56						
Matrix Spike Dup (B4A0476-MSD1)				Analized: 02/01/2024 22:54						
	Source: BFA0181-12									
Azinphos-methyl	0.0692	0.0200	mg/kg	0.131		52.8	5-150	7.07	40	
Bolstar (Sulprofos)	0.0777	0.0200	mg/kg	0.131		59.3	50-150	5.51	40	
Chloropyrifos (Dursban)	0.0851	0.0200	mg/kg	0.131		65.0	5-150	2.92	40	
Coumaphos	0.0830	0.0200	mg/kg	0.131		63.3	5-150	<1.00	40	
Demeton-O & S	0.0248	0.0200	mg/kg	0.131		18.9	5-150	58.5	40	R
Diazinon	0.0881	0.0200	mg/kg	0.131		67.2	5-150	2.69	40	
Dichlorvos (DDVP, Diclorovos)	0.106	0.0200	mg/kg	0.131		80.6	5-150	11.9	40	
Disulfoton	0.0793	0.0200	mg/kg	0.131		60.5	5-150	4.45	40	
Ethoprop	0.0809	0.0200	mg/kg	0.131		61.7	50-150	4.27	40	
Fensulfothion	0.0813	0.0200	mg/kg	0.131		62.0	5-150	1.12	40	
Fenthion	0.0821	0.0200	mg/kg	0.131		62.6	5-150	3.15	40	
Malathion	0.0862	0.0200	mg/kg	0.131		65.8	5-150	3.87	40	
Merphos	0.0896	0.0200	mg/kg	0.131		68.4	5-150	16.1	40	
Methyl parathion (Parathion methyl)	0.0745	0.0200	mg/kg	0.131		56.8	5-150	5.19	40	
Mevinphos	0.105	0.0200	mg/kg	0.131		80.1	5-150	3.23	40	
Naled	0.0244	0.0200	mg/kg	0.131		18.6	5-150	30.8	40	
Phorate (Phosphorodithioic acid)	0.0869	0.0200	mg/kg	0.131		66.3	50-150	3.24	40	
Ronnel	0.0893	0.0200	mg/kg	0.131		68.1	50-150	1.98	40	
Tetrachlorvinphos (Stirophos)	0.0944	0.0200	mg/kg	0.131		72.0	5-150	2.01	40	
Tokuthion (Prothiofos)	0.0855	0.0200	mg/kg	0.131		65.3	5-150	5.34	40	
Trichloronate	0.0811	0.0200	mg/kg	0.131		61.9	5-150	4.65	40	
<hr/>										
Surrogate: Tributylphosphate	0.109		mg/kg	0.164		66.7	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0452 - 3550B				Prepared: 01/30/2024 08:01						
Method Blank (B4A0452-BLK1)				Analyzed: 02/02/2024 07:56						
Acifluorfen	ND	0.00250	mg/kg							
Bentazon	ND	0.00250	mg/kg							
Chloramben	ND	0.00250	mg/kg							
2,4-D	ND	0.00250	mg/kg							
2,4-DB	ND	0.00250	mg/kg							
DCPA diacid	ND	0.00250	mg/kg							
Dalapon	ND	0.00250	mg/kg							
Dicamba	ND	0.00250	mg/kg							
3,5-Dichlorobenzoic acid	ND	0.00250	mg/kg							
Dichloroprop	ND	0.00250	mg/kg							
Dinoseb	ND	0.00250	mg/kg							
MCPA	ND	0.250	mg/kg							
MCPP	ND	0.250	mg/kg							
4-Nitrophenol	ND	0.00250	mg/kg							
Pentachlorophenol (PCP)	ND	0.00250	mg/kg							
Picloram	ND	0.00250	mg/kg							
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND	0.00250	mg/kg							
2,4,5-TP	ND	0.00250	mg/kg							
<i>Surrogate: DCAA</i>	<i>0.0117</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>46.8</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0452 - 3550B (Continued)										
LCS (B4A0452-BS1)				Prepared: 01/30/2024 08:01						
				Analyzed: 02/02/2024 13:19						
Acifluorfen	0.0156	0.00250	mg/kg	0.0125		125	40-140			
Bentazon	0.0133	0.00250	mg/kg	0.0125		107	40-140			
Chloramben	0.0130	0.00250	mg/kg	0.0125		104	20-150			
2,4-D	0.0169	0.00250	mg/kg	0.0125		135	40-140			
2,4-DB	0.0104	0.00250	mg/kg	0.0125		83.4	40-140			
DCPA diacid	0.00553	0.00250	mg/kg	0.0125		44.2	40-140			
Dalapon	0.0111	0.00250	mg/kg	0.0125		88.6	40-140			
Dicamba	0.0154	0.00250	mg/kg	0.0125		123	40-140			
3,5-Dichlorobenzoic acid	0.0155	0.00250	mg/kg	0.0125		124	40-140			
Dichloroprop	0.00871	0.00250	mg/kg	0.0125		69.7	40-140			
Dinoseb	0.0149	0.00250	mg/kg	0.0125		119	20-150			
MCPA	1.56	0.250	mg/kg	1.25		125	40-140			
MCPP	1.73	0.250	mg/kg	1.25		138	40-140			
4-Nitrophenol	0.0121	0.00250	mg/kg	0.0125		96.5	40-140			
Pentachlorophenol (PCP)	0.0155	0.00250	mg/kg	0.0125		124	40-140			
Picloram	0.00366	0.00250	mg/kg	0.0125		29.3	20-150			
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.0158	0.00250	mg/kg	0.0125		126	40-140			
2,4,5-TP	0.0166	0.00250	mg/kg	0.0125		133	40-140			
<i>Surrogate: DCAA</i>	<i>0.0285</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>114</i>	<i>25-140</i>			

LCS (B4A0452-BSD1)				Analyzed: 02/02/2024 05:59						
Acifluorfen	0.00549	0.00250	mg/kg	0.0125		43.9	40-140	95.9	40	R
Bentazon	0.00847	0.00250	mg/kg	0.0125		67.8	40-140	44.5	40	R
Chloramben	0.00264	0.00250	mg/kg	0.0125		21.1	20-150	133	40	R
2,4-D	0.00665	0.00250	mg/kg	0.0125		53.2	40-140	87.0	40	R
2,4-DB	0.00508	0.00250	mg/kg	0.0125		40.6	40-140	69.1	40	R
DCPA diacid	0.00508	0.00250	mg/kg	0.0125		40.6	40-140	8.52	40	
Dalapon	0.00858	0.00250	mg/kg	0.0125		68.7	40-140	25.3	40	
Dicamba	0.00639	0.00250	mg/kg	0.0125		51.1	40-140	82.7	40	R
3,5-Dichlorobenzoic acid	0.00605	0.00250	mg/kg	0.0125		48.4	40-140	87.9	40	R
Dichloroprop	0.00622	0.00250	mg/kg	0.0125		49.7	40-140	33.5	40	
Dinoseb	0.00348	0.00250	mg/kg	0.0125		27.8	20-150	124	40	R
MCPA	1.38	0.250	mg/kg	1.25		110	40-140	12.6	40	
MCPP	0.634	0.250	mg/kg	1.25		50.7	40-140	92.6	40	R
4-Nitrophenol	0.00825	0.00250	mg/kg	0.0125		66.0	40-140	37.5	40	
Pentachlorophenol (PCP)	0.00755	0.00250	mg/kg	0.0125		60.4	40-140	69.2	40	R
Picloram	0.00142	0.00250	mg/kg	0.0125		11.4	20-150	87.9	40	BS, R
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00858	0.00250	mg/kg	0.0125		68.7	40-140	59.2	40	R
2,4,5-TP	0.00799	0.00250	mg/kg	0.0125		63.9	40-140	70.1	40	R
<i>Surrogate: DCAA</i>	<i>0.0142</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>56.9</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0452 - 3550B (Continued)				Prepared: 01/30/2024 08:01						
Matrix Spike (B4A0452-MS1)				Source: BFA0181-12						
				Analyzed: 02/02/2024 06:58						
Acifluorfen	0.00439	0.00250	mg/kg	0.0124		35.4	30-140			
Bentazon	0.0103	0.00250	mg/kg	0.0124		83.5	30-140			
Chloramben	0.00338	0.00250	mg/kg	0.0124		27.2	30-140			M
2,4-D	0.00458	0.00250	mg/kg	0.0124		37.0	30-140			
2,4-DB	0.00399	0.00250	mg/kg	0.0124		32.2	30-140			
DCPA diacid	0.000566	0.00250	mg/kg	0.0124		4.57	30-140			M
Dalapon	0.00100	0.00250	mg/kg	0.0124		8.07	30-140			M
Dicamba	0.00219	0.00250	mg/kg	0.0124		17.7	30-140			M
3,5-Dichlorobenzoic acid	0.00714	0.00250	mg/kg	0.0124		57.6	30-140			
Dichloroprop	0.00645	0.00250	mg/kg	0.0124		52.0	30-140			
Dinoseb	0.00924	0.00250	mg/kg	0.0124		74.6	30-140			
MCPA	0.566	0.250	mg/kg	1.24		45.7	30-140			
MCPP	0.553	0.250	mg/kg	1.24		44.7	30-140			
4-Nitrophenol	0.00925	0.00250	mg/kg	0.0124		74.7	30-140			
Pentachlorophenol (PCP)	0.0127	0.00250	mg/kg	0.0124		103	30-140			
Picloram	0.000556	0.00250	mg/kg	0.0124		4.49	30-140			M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00728	0.00250	mg/kg	0.0124		58.7	30-140			
2,4,5-TP	0.0106	0.00250	mg/kg	0.0124		85.4	30-140			
<i>Surrogate: DCAA</i>	<i>0.0137</i>		<i>mg/kg</i>	<i>0.0248</i>		<i>55.3</i>	<i>25-140</i>			

Matrix Spike Dup (B4A0452-MSD1)				Source: BFA0181-12						
				Analyzed: 02/02/2024 07:27						
Acifluorfen	0.00485	0.00250	mg/kg	0.0124		39.3	30-140	10.1	40	
Bentazon	0.0110	0.00250	mg/kg	0.0124		89.1	30-140	6.31	40	
Chloramben	0.00346	0.00250	mg/kg	0.0124		28.0	30-140	2.50	40	M
2,4-D	0.00487	0.00250	mg/kg	0.0124		39.4	30-140	6.18	40	
2,4-DB	0.00427	0.00250	mg/kg	0.0124		34.6	30-140	6.88	40	
DCPA diacid	0.000598	0.00250	mg/kg	0.0124		4.84	30-140	5.64	40	M
Dalapon	0.000923	0.00250	mg/kg	0.0124		7.47	30-140	8.06	40	M
Dicamba	0.00211	0.00250	mg/kg	0.0124		17.1	30-140	3.86	40	M
3,5-Dichlorobenzoic acid	0.00748	0.00250	mg/kg	0.0124		60.5	30-140	4.60	40	
Dichloroprop	0.00669	0.00250	mg/kg	0.0124		54.2	30-140	3.75	40	
Dinoseb	0.00980	0.00250	mg/kg	0.0124		79.3	30-140	5.84	40	
MCPA	0.495	0.250	mg/kg	1.24		40.0	30-140	13.4	40	
MCPP	4.11	0.250	mg/kg	1.24		333	30-140	153	40	M, R
4-Nitrophenol	0.0103	0.00250	mg/kg	0.0124		83.2	30-140	10.6	40	
Pentachlorophenol (PCP)	0.0131	0.00250	mg/kg	0.0124		106	30-140	3.05	40	
Picloram	0.000596	0.00250	mg/kg	0.0124		4.82	30-140	6.84	40	M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00781	0.00250	mg/kg	0.0124		63.2	30-140	7.10	40	
2,4,5-TP	0.0106	0.00250	mg/kg	0.0124		86.0	30-140	<1.00	40	
<i>Surrogate: DCAA</i>	<i>0.0133</i>		<i>mg/kg</i>	<i>0.0247</i>		<i>54.0</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0182 Project Number: EO-500849 Attention: Patty Mata Project Name: EO-500849	Reported: 02/02/2024 16:56
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0182
Project Number: EO-500849
Attention: Patty Mata
Project Name: EO-500849

Reported: 02/02/2024 16:56

Qualifiers and Definitions

ITEM	Qualifiers
BS	The recovery of this analyte in LCS and/or LCSD was outside control limit. Sample was accepted based on the remaining LCSand/or LCSD.
D	Sample was analyzed under dilution due to matrix interference.
M	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference. Laboratory Control Samples(LCS/LCSD) recovery were acceptable.
R	The RPD was outside of QC acceptance limits due to possible matrix interference.
S6	Surrogate recovery is outside control limits due to matrix interference.

ITEM	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.



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Enthalpy Analytical	AETL Job Number:	BFA0182	
931 W. Barkley Ave.	Project Number:	EO-500849	
Orange, CA 92868	Attention:	Patty Mata	
	Project Name:	EO-500849	Reported: 02/02/2024 16:56

mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLIC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

Laboratory Job Number 500849

Subcontracted Products

MicroTest Laboratories, Inc.



MicroTest Laboratories Inc. NVLAP Code: 200999-0
 3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670
 PH 916.567.9808 | FX 916.404.0302
 www.microtestlabsinc.com | service@microtestlabsinc.com

Project ID
MT012441037

CLIENT INFORMATION
Company Enthalpy Analytical, LLC
Name Patty Mata
Address 931 W. Barkley Avenue
 Orange, CA 92868
Phone (714) 771 - 6900
Email patty.mata@enthalpy.com

SAMPLE
Date Wednesday, January 24, 2024
Time

JOB SITE INFORMATION
Sampler Patty Mata
Project EO-500849
Address

MicroTest Laboratories

Analytical Data

PO # PO 059260

POLARIZED LIGHT MICROSCOPY (PLM) EPA METHOD 600 / R-93 / 116 & EPA – 40 CFR Appendix E to Subpart E of Part 763

Sample ID	Accession Number	Client Description	Laboratory Description	Non Fibrous / Fibrous Materials	Asbestiform Minerals %
SP-H-BRIDGE-1	41037-1	24-JAN-2024 07:58	Brown Soil Non-Fibrous Heterogenous		Absent
SP-H-BRIDGE-2	41037-2	24-JAN-2024 08:05	Brown Soil Non-Fibrous Heterogenous		Absent

Date Received: Tuesday, January 30, 2024
Date Analyzed: Wednesday, January 31, 2024
Date Reported: Friday, February 02, 2024

Analyst: Andres De Ferrari

Authorized Signatory:

Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply only to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced except in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Layers are analyzed separately except when manufactured with multiple layers (i.e. Linoleum, Drywall, etc.) or requested contrarily by the client.

Subcontract Laboratory:

 MicroTest Laboratories, Inc.
 3110 Gold Canal Drive
 Suite A
 Rancho Cordova, CA 95670
 ATTN: Kelly Favero
 PO #: Required, to be sent via email

Enthalpy Order: EO-500849

 PM: Patty Mata
 Email: patty.mata@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-6900

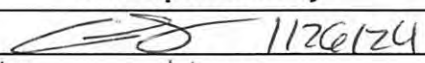

 Results Due: Standard
 TAT

 Report Level: II
 Report To: RL
 EDDs:

Project ID: 41037
Client: Enthalpy
Receipt Date: 01/30/24
Sample Count: 2
Notes:

Need PLM Asbestos presence/absence tests.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SP-H-BRIDGE-1	24-JAN-2024 07:58	500849-001	1	Soil	Asbestos by PLM	
SP-H-BRIDGE-2	24-JAN-2024 08:05	500849-002	1	Soil	Asbestos by PLM	

Notes:	Relinquished By:	Received By:
		
	Date: 1/4/24	Date: 01/30/24
	Date:	Date: 09/15/24
	Date:	Date:
	Date:	Date:

FedEx . 8181 8142 3296



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 500850
Report Level: II
Report Date: 02/06/2024

Analytical Report *prepared for:*

Michael Priestaf
Leighton & Associates, Inc., Irvine
2600 Michelson Dr
Suite 400
Irvine, CA 92612

Project: ORANGE CA - 6145 E. Santiago Canyon Rd, Orange, CA

Authorized for release by:

Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Michael Priestaf Leighton & Associates, Inc., Irvine 2600 Michelson Dr Suite 400 Irvine, CA 92612	Lab Job #: 500850 Project No: ORANGE CA Location: 6145 E. Santiago Canyon Rd, Orange, CA Date Received: 01/25/24	
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Sample ID	Lab ID	Collected	Matrix
SPH01-00.5	500850-001	01/25/24 14:04	Soil
SPH01-05.0	500850-002	01/25/24 14:06	Soil
SPH01-05.0D	500850-003	01/25/24 14:07	Soil
SPH01-10.0	500850-004	01/25/24 14:12	Soil
SPH01-15.0	500850-005	01/25/24 14:16	Soil
SPH01-20.0	500850-006	01/25/24 14:20	Soil
SPH01-25.0	500850-007	01/25/24 14:30	Soil
SPH02-00.5	500850-008	01/25/24 09:28	Soil
SPH02-05.0	500850-009	01/25/24 09:30	Soil
SPH02-10.0	500850-010	01/25/24 09:35	Soil
SPH02-15.0	500850-011	01/25/24 09:40	Soil
SPH02-20.0	500850-012	01/25/24 09:50	Soil
SPH02-25.0	500850-013	01/25/24 09:55	Soil
SPH02-30.0D	500850-014	01/25/24 10:16	Soil
SPH02-30.0	500850-015	01/25/24 10:15	Soil
SPH02-35.0	500850-016	01/25/24 10:28	Soil
SPH03-05.0	500850-017	01/25/24 11:02	Soil
SPH03-10.0	500850-018	01/25/24 11:08	Soil
SPH03-15.0	500850-019	01/25/24 11:12	Soil
SPH03-20.0	500850-020	01/25/24 11:15	Soil
SPH03-25.0	500850-021	01/25/24 11:25	Soil
SPH03-30.0	500850-022	01/25/24 11:35	Soil
SPH03-30.0D	500850-023	01/25/24 11:36	Soil
SPH03-35.0	500850-024	01/25/24 11:45	Soil
SPH04-00.5	500850-025	01/25/24 13:18	Soil
SPH04-05.0	500850-026	01/25/24 13:20	Soil

Sample Summary

Michael Priestaf	Lab Job #:	500850
Leighton & Associates, Inc., Irvine	Project No:	ORANGE CA
2600 Michelson Dr	Location:	6145 E. Santiago Canyon Rd, Orange, CA
Suite 400	Date Received:	01/25/24
Irvine, CA 92612		

Sample ID	Lab ID	Collected	Matrix
SPH04-10.0	500850-027	01/25/24 13:22	Soil
SPH04-15.0	500850-028	01/25/24 13:26	Soil
SPH04-20.0	500850-029	01/25/24 13:30	Soil
SPH04-25.0	500850-030	01/25/24 13:40	Soil
SPH03-40.0	500850-031	01/25/24 11:15	Soil
SPH03-45.0	500850-032	01/25/24 12:07	Soil

Case Narrative

Leighton & Associates, Inc., Irvine
2600 Michelson Dr
Suite 400
Irvine, CA 92612
Michael Priestaf

Lab Job 500850
Number:
Project No: ORANGE CA
Location: 6145 E. Santiago Canyon Rd, Orange,
CA

Date Received: 01/25/24

This data package contains sample and QC results for thirty two soil samples, requested for the above referenced project on 01/25/24. The samples were received cold and intact. The lab received samples SPH03-40.0 and SPH03-45.0 even though the lines were crossed off the original COC form. Client was contacted and a revised COC form was submitted with requests for analysis for these two samples.

TPH-Extractables by GC (EPA 8015M):

- Lab numbers 500850-004, 500850-007, 500850-008, 500850-011, 500850-022, 500850-025, 500850-027 and 500850-028 were diluted due to the dark color of the sample extracts. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilutions.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C and EPA 8270C-SIM):

- High response was observed for 4-nitrophenol in the CCV analyzed 01/29/24 13:34; affected data was qualified with "b". This analyte was not detected at or above the RL in the associated samples.
- High response was observed for 4-nitrophenol in the CCV analyzed 01/30/24 14:07; affected data was qualified with "b". This analyte was not detected at or above the RL in the associated samples.
- High recovery was observed for 4-nitrophenol in the LCS for batch 331719; this analyte was not detected at or above the RL in the associated samples.
- Samples were extracted once and then analyzed by both 8270-SVOC method and also by 8270-SIM-PAH method in order to show the lowest reporting limits for PAH compounds. For the 8270-SIM-PAH method, surrogate responses exceeded the instrument's linear range for nitrobenzene-d5, 2-fluorobiphenyl, and terphenyl-d14 in un-diluted samples. The affected data was qualified with "E". The samples were spiked with surrogate compounds at the 8270-SVOC levels during extraction. The surrogate levels were higher than the 8270-SIM-PAH upper limits.
- Low surrogate recovery was observed for 2,4,6-tribromophenol in SPH04-10.0 (lab # 500850-027).
- Lab numbers 500850-002, 500850-004, 500850-006, 500850-007, 500850-008, 500850-009, 500850-011, 500850-017, 500850-019, 500850-020, 500850-022, 500850-024, 500850-025, 500850-026, 500850-027, 500850-028 and 500850-031 were diluted due to the dark and/or viscous nature of the sample extracts. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilutions.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- High recovery was observed for dieldrin in the MSD for batch 331910; the parent sample was not a project sample, the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- Lab numbers 500850-007, 500850-008, 500850-027 and 500850-028 were diluted due to the dark color of the sample extracts. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilutions.
- No other analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of SPH03-25.0 (lab # 500850-021); the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for antimony in the MS/MSD of SPH01-00.5 (lab # 500850-001); the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for antimony in the MS/MSD of SPH03-40.0 (lab # 500850-031); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

pH of Solid Samples (EPA 9045C):

No analytical problems were encountered.

Organophosphorus Pesticides (EPA 8141A):

American Environmental Testing in Burbank, CA performed the analysis (NELAP certified). Please see the American Environmental Testing case narrative.

8151A Chlorinated Herbicides (EPA 8151A):

American Environmental Testing in Burbank, CA performed the analysis (see sublab report section for certifications). Please see the American Environmental Testing case narrative.

Asbestos by PLM (EPA 600/R-93-116):

MicroTest Laboratories, Inc. in Rancho Cordova, CA performed the analysis (see sublab report section for certifications). Please see the MicroTest Laboratories, Inc. case narrative.

Detection Summary

Michael Priestaf
 Leighton & Associates, Inc., Irvine
 2600 Michelson Dr
 Suite 400
 Irvine, CA 92612

Lab Job #: 500850
 Project No: ORANGE CA
 Location: 6145 E. Santiago Canyon Rd, Orange, CA
 Date Received: 01/25/24

Sample ID: SPH01-00.5	Lab ID: 500850-001	Collected: 01/25/24 14:04
	Matrix: Soil	

500850-001 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	11		mg/Kg	0.97
Barium	130		mg/Kg	0.97
Beryllium	0.49		mg/Kg	0.49
Cadmium	1.2		mg/Kg	0.49
Chromium	19		mg/Kg	0.97
Cobalt	5.6		mg/Kg	0.49
Copper	18		mg/Kg	0.97
Lead	16		mg/Kg	0.97
Molybdenum	1.1		mg/Kg	0.97
Nickel	13		mg/Kg	0.97
Vanadium	36		mg/Kg	0.97
Zinc	120		mg/Kg	4.9
Method: EPA 8015M				
Prep Method: EPA 3580M				
DRO C10-C28	12		mg/Kg	10
Method: EPA 9045C				
pH	7.50		SU	
Temperature	20.20		deg C	1.00

Detection Summary

Sample ID: SPH01-05.0	Lab ID: 500850-002	Collected: 01/25/24 14:06
	Matrix: Soil	

500850-002 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	6.8		mg/Kg	0.98
Barium	76		mg/Kg	0.98
Chromium	16		mg/Kg	0.98
Cobalt	4.5		mg/Kg	0.49
Copper	10		mg/Kg	0.98
Lead	5.9		mg/Kg	0.98
Molybdenum	1.2		mg/Kg	0.98
Nickel	12		mg/Kg	0.98
Vanadium	30		mg/Kg	0.98
Zinc	40		mg/Kg	4.9
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	16		ug/Kg	5.0
Method: EPA 9045C				
pH	8.45		SU	
Temperature	20.20		deg C	1.00

Sample ID: SPH01-05.0D	Lab ID: 500850-003	Collected: 01/25/24 14:07
	Matrix: Soil	

500850-003 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	7.0		mg/Kg	0.97
Barium	110		mg/Kg	0.97
Beryllium	0.58		mg/Kg	0.49
Chromium	19		mg/Kg	0.97
Cobalt	7.0		mg/Kg	0.49
Copper	21		mg/Kg	0.97
Lead	21		mg/Kg	0.97
Nickel	15		mg/Kg	0.97
Vanadium	38		mg/Kg	0.97
Zinc	91		mg/Kg	4.9
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	23		ug/Kg	5.0
4,4'-DDT	17		ug/Kg	5.0
Chlordane (Technical)	310		ug/Kg	50
Method: EPA 9045C				
pH	7.58		SU	
Temperature	19.80		deg C	1.00

Detection Summary

Sample ID: SPH01-10.0	Lab ID: 500850-004	Collected: 01/25/24 14:12
Matrix: Soil		

500850-004 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	5.2		mg/Kg	0.99
Barium	96		mg/Kg	0.99
Chromium	21		mg/Kg	0.99
Cobalt	5.7		mg/Kg	0.50
Copper	21		mg/Kg	0.99
Lead	10		mg/Kg	0.99
Molybdenum	1.0		mg/Kg	0.99
Nickel	13		mg/Kg	0.99
Vanadium	34		mg/Kg	0.99
Zinc	64		mg/Kg	5.0
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	30		mg/Kg	20
ORO C28-C44	55		mg/Kg	40
Method: EPA 9045C				
pH	7.92		SU	
Temperature	20.80		deg C	1.00

Sample ID: SPH01-15.0	Lab ID: 500850-005	Collected: 01/25/24 14:16
Matrix: Soil		

500850-005 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	5.6		mg/Kg	0.95
Barium	90		mg/Kg	0.95
Beryllium	0.67		mg/Kg	0.48
Chromium	15		mg/Kg	0.95
Cobalt	6.7		mg/Kg	0.48
Copper	29		mg/Kg	0.95
Lead	8.6		mg/Kg	0.95
Molybdenum	0.96		mg/Kg	0.95
Nickel	11		mg/Kg	0.95
Vanadium	31		mg/Kg	0.95
Zinc	47		mg/Kg	4.8
Method: EPA 9045C				
pH	8.07		SU	
Temperature	19.50		deg C	1.00

Detection Summary

Sample ID: SPH01-20.0	Lab ID: 500850-006	Collected: 01/25/24 14:20
	Matrix: Soil	

500850-006 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	3.4		mg/Kg	0.95
Barium	59		mg/Kg	0.95
Chromium	16		mg/Kg	0.95
Cobalt	5.6		mg/Kg	0.48
Copper	11		mg/Kg	0.95
Lead	5.6		mg/Kg	0.95
Nickel	12		mg/Kg	0.95
Vanadium	32		mg/Kg	0.95
Zinc	48		mg/Kg	4.8
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	19		ug/Kg	4.9
Method: EPA 9045C				
pH	8.48		SU	
Temperature	20.00		deg C	1.00

Sample ID: SPH01-25.0	Lab ID: 500850-007	Collected: 01/25/24 14:30
	Matrix: Soil	

500850-007 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	3.2		mg/Kg	1.0
Barium	82		mg/Kg	1.0
Chromium	20		mg/Kg	1.0
Cobalt	7.1		mg/Kg	0.50
Copper	14		mg/Kg	1.0
Lead	8.6		mg/Kg	1.0
Nickel	15		mg/Kg	1.0
Vanadium	39		mg/Kg	1.0
Zinc	130		mg/Kg	5.0
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	570		mg/Kg	200
ORO C28-C44	880		mg/Kg	400
Method: EPA 9045C				
pH	8.47		SU	
Temperature	20.30		deg C	1.00

Detection Summary

Sample ID: SPH02-00.5	Lab ID: 500850-008	Collected: 01/25/24 09:28
	Matrix: Soil	

500850-008 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	3.3		mg/Kg	0.97
Barium	58		mg/Kg	0.97
Chromium	16		mg/Kg	0.97
Cobalt	5.2		mg/Kg	0.49
Copper	13		mg/Kg	0.97
Lead	17		mg/Kg	0.97
Nickel	8.5		mg/Kg	0.97
Vanadium	25		mg/Kg	0.97
Zinc	51		mg/Kg	4.9
Method: EPA 8015M Prep Method: EPA 3580M				
ORO C28-C44	220		mg/Kg	200
Method: EPA 9045C				
pH	8.79		SU	
Temperature	20.50		deg C	1.00

Sample ID: SPH02-05.0	Lab ID: 500850-009	Collected: 01/25/24 09:30
	Matrix: Soil	

500850-009 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	5.0		mg/Kg	1.0
Barium	83		mg/Kg	1.0
Cadmium	6.6		mg/Kg	0.50
Chromium	14		mg/Kg	1.0
Cobalt	4.7		mg/Kg	0.50
Copper	9.6		mg/Kg	1.0
Lead	5.0		mg/Kg	1.0
Molybdenum	1.2		mg/Kg	1.0
Nickel	17		mg/Kg	1.0
Vanadium	30		mg/Kg	1.0
Zinc	44		mg/Kg	5.0
Method: EPA 9045C				
pH	8.58		SU	
Temperature	19.90		deg C	1.00

Detection Summary

Sample ID: SPH02-10.0	Lab ID: 500850-010	Collected: 01/25/24 09:35
	Matrix: Soil	

500850-010 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	3.0		mg/Kg	0.99
Barium	65		mg/Kg	0.99
Chromium	8.8		mg/Kg	0.99
Cobalt	3.3		mg/Kg	0.50
Copper	5.9		mg/Kg	0.99
Lead	4.6		mg/Kg	0.99
Nickel	6.3		mg/Kg	0.99
Vanadium	22		mg/Kg	0.99
Zinc	27		mg/Kg	5.0
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	16		ug/Kg	5.0
4,4'-DDT	7.1		ug/Kg	5.0
Method: EPA 9045C				
pH	8.66		SU	
Temperature	19.70		deg C	1.00

Sample ID: SPH02-15.0	Lab ID: 500850-011	Collected: 01/25/24 09:40
	Matrix: Soil	

500850-011 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	3.9		mg/Kg	0.97
Barium	99		mg/Kg	0.97
Beryllium	0.54		mg/Kg	0.49
Cadmium	1.1		mg/Kg	0.49
Chromium	26		mg/Kg	0.97
Cobalt	7.6		mg/Kg	0.49
Copper	13		mg/Kg	0.97
Lead	5.0		mg/Kg	0.97
Nickel	21		mg/Kg	0.97
Vanadium	43		mg/Kg	0.97
Zinc	49		mg/Kg	4.9
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	55		mg/Kg	20
ORO C28-C44	80		mg/Kg	40
Method: EPA 9045C				
pH	7.87		SU	
Temperature	20.00		deg C	1.00

Detection Summary

Sample ID: SPH02-20.0	Lab ID: 500850-012	Collected: 01/25/24 09:50
Matrix: Soil		

500850-012 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	5.9		mg/Kg	0.95
Barium	71		mg/Kg	0.95
Beryllium	0.72		mg/Kg	0.48
Chromium	12		mg/Kg	0.95
Cobalt	6.5		mg/Kg	0.48
Copper	9.3		mg/Kg	0.95
Lead	6.8		mg/Kg	0.95
Molybdenum	1.9		mg/Kg	0.95
Nickel	9.9		mg/Kg	0.95
Vanadium	22		mg/Kg	0.95
Zinc	61		mg/Kg	4.8
Method: EPA 7471A				
Prep Method: METHOD				
Mercury	0.35		mg/Kg	0.15
Method: EPA 8081A				
Prep Method: EPA 3546				
Aldrin	8.2		ug/Kg	5.0
Dieldrin	34		ug/Kg	5.0
Chlordane (Technical)	360		ug/Kg	50
Method: EPA 9045C				
pH	8.50		SU	
Temperature	20.50		deg C	1.00

Detection Summary

Sample ID: SPH02-25.0	Lab ID: 500850-013	Collected: 01/25/24 09:55
Matrix: Soil		

500850-013 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	2.8		mg/Kg	0.95
Barium	49		mg/Kg	0.95
Chromium	5.8		mg/Kg	0.95
Cobalt	5.0		mg/Kg	0.48
Copper	5.3		mg/Kg	0.95
Lead	360		mg/Kg	0.95
Nickel	9.2		mg/Kg	0.95
Vanadium	14		mg/Kg	0.95
Zinc	44		mg/Kg	4.8
Method: EPA 7471A Prep Method: METHOD				
Mercury	0.16		mg/Kg	0.14
Method: EPA 8081A Prep Method: EPA 3546				
Aldrin	12		ug/Kg	5.0
Dieldrin	100		ug/Kg	5.0
4,4'-DDE	5.3	C	ug/Kg	5.0
Chlordane (Technical)	1,200		ug/Kg	250
Method: EPA 9045C				
pH	8.38		SU	
Temperature	20.20		deg C	1.00

Detection Summary

Sample ID: SPH02-30.0D	Lab ID: 500850-014	Collected: 01/25/24 10:16
Matrix: Soil		

500850-014 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	6.6		mg/Kg	0.99
Barium	140		mg/Kg	0.99
Beryllium	0.79		mg/Kg	0.50
Chromium	28		mg/Kg	0.99
Cobalt	10		mg/Kg	0.50
Copper	33		mg/Kg	0.99
Lead	17		mg/Kg	0.99
Molybdenum	1.7		mg/Kg	0.99
Nickel	18		mg/Kg	0.99
Vanadium	46		mg/Kg	0.99
Zinc	97		mg/Kg	5.0
Method: EPA 7471A Prep Method: METHOD				
Mercury	0.21		mg/Kg	0.14
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	11		mg/Kg	10
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	770		ug/Kg	49
4,4'-DDD	23		ug/Kg	4.9
4,4'-DDT	13		ug/Kg	4.9
Method: EPA 9045C				
pH	8.07		SU	
Temperature	20.00		deg C	1.00

Detection Summary

Sample ID: SPH02-30.0	Lab ID: 500850-015	Collected: 01/25/24 10:15
Matrix: Soil		

500850-015 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	5.0		mg/Kg	0.97
Barium	84		mg/Kg	0.97
Chromium	18		mg/Kg	0.97
Cobalt	4.5		mg/Kg	0.49
Copper	16		mg/Kg	0.97
Lead	38		mg/Kg	0.97
Molybdenum	1.9		mg/Kg	0.97
Nickel	11		mg/Kg	0.97
Vanadium	25		mg/Kg	0.97
Zinc	84		mg/Kg	4.9
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	23		mg/Kg	9.9
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	8.1		ug/Kg	5.0
Method: EPA 8270C-SIM Prep Method: EPA 3546				
Fluoranthene	130		ug/Kg	10
Pyrene	160		ug/Kg	10
Benzo(a)anthracene	75		ug/Kg	10
Chrysene	82		ug/Kg	10
Benzo(b)fluoranthene	74		ug/Kg	10
Benzo(k)fluoranthene	28		ug/Kg	10
Benzo(a)pyrene	55		ug/Kg	10
Indeno(1,2,3-cd)pyrene	20		ug/Kg	10
Benzo(g,h,i)perylene	19		ug/Kg	10
Method: EPA 9045C				
pH	8.38		SU	
Temperature	20.30		deg C	1.00

Detection Summary

Sample ID: SPH02-35.0	Lab ID: 500850-016	Collected: 01/25/24 10:28
Matrix: Soil		

500850-016 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	7.6		mg/Kg	0.96
Barium	130		mg/Kg	0.96
Beryllium	0.64		mg/Kg	0.48
Chromium	21		mg/Kg	0.96
Cobalt	8.2		mg/Kg	0.48
Copper	19		mg/Kg	0.96
Lead	8.6		mg/Kg	0.96
Molybdenum	2.4		mg/Kg	0.96
Nickel	17		mg/Kg	0.96
Vanadium	41		mg/Kg	0.96
Zinc	72		mg/Kg	4.8
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	35		ug/Kg	5.0
4,4'-DDD	5.1		ug/Kg	5.0
Method: EPA 8270C-SIM Prep Method: EPA 3546				
Phenanthrene	13		ug/Kg	10
Fluoranthene	29		ug/Kg	10
Pyrene	27		ug/Kg	10
Benzo(a)anthracene	14		ug/Kg	10
Chrysene	16		ug/Kg	10
Benzo(b)fluoranthene	15		ug/Kg	10
Benzo(a)pyrene	13		ug/Kg	10
Method: EPA 9045C				
pH	7.41		SU	
Temperature	20.50		deg C	1.00

Detection Summary

Sample ID: SPH03-05.0	Lab ID: 500850-017	Collected: 01/25/24 11:02
	Matrix: Soil	

500850-017 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	6.2		mg/Kg	0.96
Barium	160		mg/Kg	0.96
Beryllium	0.60		mg/Kg	0.48
Chromium	21		mg/Kg	0.96
Cobalt	7.9		mg/Kg	0.48
Copper	17		mg/Kg	0.96
Lead	9.1		mg/Kg	0.96
Molybdenum	1.6		mg/Kg	0.96
Nickel	18		mg/Kg	0.96
Vanadium	42		mg/Kg	0.96
Zinc	62		mg/Kg	4.8
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	16		mg/Kg	9.9
ORO C28-C44	24		mg/Kg	20
Method: EPA 9045C				
pH	7.46		SU	
Temperature	20.30		deg C	1.00

Sample ID: SPH03-10.0	Lab ID: 500850-018	Collected: 01/25/24 11:08
	Matrix: Soil	

500850-018 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	6.3		mg/Kg	0.95
Barium	69		mg/Kg	0.95
Chromium	21		mg/Kg	0.95
Cobalt	5.5		mg/Kg	0.48
Copper	32		mg/Kg	0.95
Lead	7.9		mg/Kg	0.95
Molybdenum	1.1		mg/Kg	0.95
Nickel	13		mg/Kg	0.95
Vanadium	42		mg/Kg	0.95
Zinc	44		mg/Kg	4.8
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	10		ug/Kg	5.0
Method: EPA 9045C				
pH	7.56		SU	
Temperature	20.40		deg C	1.00

Detection Summary

Sample ID: SPH03-15.0	Lab ID: 500850-019	Collected: 01/25/24 11:12
Matrix: Soil		

500850-019 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	4.3		mg/Kg	0.96
Barium	99		mg/Kg	0.96
Beryllium	0.50		mg/Kg	0.48
Cadmium	0.53		mg/Kg	0.48
Chromium	22		mg/Kg	0.96
Cobalt	6.4		mg/Kg	0.48
Copper	18		mg/Kg	0.96
Lead	17		mg/Kg	0.96
Molybdenum	1.0		mg/Kg	0.96
Nickel	17		mg/Kg	0.96
Vanadium	35		mg/Kg	0.96
Zinc	60		mg/Kg	4.8
Method: EPA 8015M				
Prep Method: EPA 3580M				
DRO C10-C28	15		mg/Kg	10
ORO C28-C44	24		mg/Kg	20
Method: EPA 8081A				
Prep Method: EPA 3546				
Dieldrin	36		ug/Kg	4.9
4,4'-DDE	49		ug/Kg	4.9
4,4'-DDT	8.5		ug/Kg	4.9
Chlordane (Technical)	90		ug/Kg	49
Method: EPA 9045C				
pH	7.90		SU	
Temperature	20.30		deg C	1.00

Detection Summary

Sample ID: SPH03-20.0	Lab ID: 500850-020	Collected: 01/25/24 11:15
Matrix: Soil		

500850-020 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	5.4		mg/Kg	1.0
Barium	92		mg/Kg	1.0
Cadmium	3.2		mg/Kg	0.50
Chromium	29		mg/Kg	1.0
Cobalt	7.8		mg/Kg	0.50
Copper	21		mg/Kg	1.0
Lead	9.5		mg/Kg	1.0
Molybdenum	5.0		mg/Kg	1.0
Nickel	29		mg/Kg	1.0
Vanadium	42		mg/Kg	1.0
Zinc	76		mg/Kg	5.0
Method: EPA 8015M				
Prep Method: EPA 3580M				
DRO C10-C28	20		mg/Kg	10
ORO C28-C44	29		mg/Kg	20
Method: EPA 8081A				
Prep Method: EPA 3546				
4,4'-DDE	29		ug/Kg	5.0
4,4'-DDT	12		ug/Kg	5.0
Method: EPA 9045C				
pH	7.30		SU	
Temperature	19.90		deg C	1.00

Detection Summary

Sample ID: SPH03-25.0	Lab ID: 500850-021	Collected: 01/25/24 11:25
	Matrix: Soil	

500850-021 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	7.5		mg/Kg	0.99
Barium	130		mg/Kg	0.99
Cadmium	0.62		mg/Kg	0.50
Chromium	20		mg/Kg	0.99
Cobalt	7.3		mg/Kg	0.50
Copper	17		mg/Kg	0.99
Lead	13		mg/Kg	0.99
Molybdenum	2.1		mg/Kg	0.99
Nickel	20		mg/Kg	0.99
Vanadium	41		mg/Kg	0.99
Zinc	73		mg/Kg	5.0
Method: EPA 8082 Prep Method: EPA 3546				
Aroclor-1254	230		ug/Kg	51
Method: EPA 9045C				
pH	8.14		SU	
Temperature	20.40		deg C	1.00

Sample ID: SPH03-30.0	Lab ID: 500850-022	Collected: 01/25/24 11:35
	Matrix: Soil	

500850-022 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	4.5		mg/Kg	0.99
Barium	79		mg/Kg	0.99
Chromium	16		mg/Kg	0.99
Cobalt	5.6		mg/Kg	0.50
Copper	13		mg/Kg	0.99
Lead	10		mg/Kg	0.99
Molybdenum	1.5		mg/Kg	0.99
Nickel	9.9		mg/Kg	0.99
Vanadium	31		mg/Kg	0.99
Zinc	40		mg/Kg	5.0
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	57		ug/Kg	5.0
Method: EPA 9045C				
pH	7.99		SU	
Temperature	20.40		deg C	1.00

Detection Summary

Sample ID: SPH03-30.0D	Lab ID: 500850-023	Collected: 01/25/24 11:36
	Matrix: Soil	

500850-023 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	2.7		mg/Kg	0.96
Barium	65		mg/Kg	0.96
Chromium	15		mg/Kg	0.96
Cobalt	6.1		mg/Kg	0.48
Copper	11		mg/Kg	0.96
Lead	4.5		mg/Kg	0.96
Nickel	11		mg/Kg	0.96
Vanadium	32		mg/Kg	0.96
Zinc	47		mg/Kg	4.8
Method: EPA 9045C				
pH	8.30		SU	
Temperature	20.50		deg C	1.00

Sample ID: SPH03-35.0	Lab ID: 500850-024	Collected: 01/25/24 11:45
	Matrix: Soil	

500850-024 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	7.2		mg/Kg	0.99
Barium	100		mg/Kg	0.99
Beryllium	0.52		mg/Kg	0.50
Chromium	19		mg/Kg	0.99
Cobalt	7.4		mg/Kg	0.50
Copper	21		mg/Kg	0.99
Lead	13		mg/Kg	0.99
Molybdenum	1.4		mg/Kg	0.99
Nickel	16		mg/Kg	0.99
Vanadium	36		mg/Kg	0.99
Zinc	72		mg/Kg	5.0
Method: EPA 8015M				
Prep Method: EPA 3580M				
ORO C28-C44	22		mg/Kg	20
Method: EPA 8081A				
Prep Method: EPA 3546				
4,4'-DDE	7.0	C	ug/Kg	5.0
Method: EPA 9045C				
pH	8.00		SU	
Temperature	20.50		deg C	1.00

Detection Summary

Sample ID: SPH04-00.5	Lab ID: 500850-025	Collected: 01/25/24 13:18
Matrix: Soil		

500850-025 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	4.9		mg/Kg	0.99
Barium	94		mg/Kg	0.99
Beryllium	0.55		mg/Kg	0.50
Chromium	19		mg/Kg	0.99
Cobalt	6.3		mg/Kg	0.50
Copper	16		mg/Kg	0.99
Lead	8.9		mg/Kg	0.99
Nickel	14		mg/Kg	0.99
Vanadium	35		mg/Kg	0.99
Zinc	59		mg/Kg	5.0
Method: EPA 8015M Prep Method: EPA 3580M				
ORO C28-C44	50		mg/Kg	40
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	30		ug/Kg	5.0
4,4'-DDT	6.5		ug/Kg	5.0
Method: EPA 9045C				
pH	8.29		SU	
Temperature	20.30		deg C	1.00

Sample ID: SPH04-05.0	Lab ID: 500850-026	Collected: 01/25/24 13:20
Matrix: Soil		

500850-026 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	2.6		mg/Kg	0.95
Barium	75		mg/Kg	0.95
Beryllium	0.58		mg/Kg	0.48
Chromium	15		mg/Kg	0.95
Cobalt	4.4		mg/Kg	0.48
Copper	7.4		mg/Kg	0.95
Lead	4.7		mg/Kg	0.95
Nickel	9.1		mg/Kg	0.95
Vanadium	27		mg/Kg	0.95
Zinc	36		mg/Kg	4.8
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	12		mg/Kg	9.9
ORO C28-C44	30		mg/Kg	20
Method: EPA 9045C				
pH	8.33		SU	
Temperature	20.40		deg C	1.00

Detection Summary

Sample ID: SPH04-10.0	Lab ID: 500850-027	Collected: 01/25/24 13:22
Matrix: Soil		

500850-027 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	6.3		mg/Kg	0.96
Barium	74		mg/Kg	0.96
Chromium	18		mg/Kg	0.96
Cobalt	4.1		mg/Kg	0.48
Copper	15		mg/Kg	0.96
Lead	8.1		mg/Kg	0.96
Molybdenum	1.6		mg/Kg	0.96
Nickel	11		mg/Kg	0.96
Vanadium	30		mg/Kg	0.96
Zinc	56		mg/Kg	4.8
Method: EPA 9045C				
pH	8.21		SU	
Temperature	20.50		deg C	1.00

Sample ID: SPH04-15.0	Lab ID: 500850-028	Collected: 01/25/24 13:26
Matrix: Soil		

500850-028 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	4.5		mg/Kg	0.98
Barium	100		mg/Kg	0.98
Cadmium	0.74		mg/Kg	0.49
Chromium	17		mg/Kg	0.98
Cobalt	5.5		mg/Kg	0.49
Copper	13		mg/Kg	0.98
Lead	110		mg/Kg	0.98
Molybdenum	2.7		mg/Kg	0.98
Nickel	18		mg/Kg	0.98
Vanadium	33		mg/Kg	0.98
Zinc	50		mg/Kg	4.9
Method: EPA 8015M				
Prep Method: EPA 3580M				
ORO C28-C44	140		mg/Kg	100
Method: EPA 9045C				
pH	8.42		SU	
Temperature	20.60		deg C	1.00

Detection Summary

Sample ID: SPH04-20.0	Lab ID: 500850-029	Collected: 01/25/24 13:30
Matrix: Soil		

500850-029 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	5.5		mg/Kg	0.99
Barium	110		mg/Kg	0.99
Beryllium	0.57		mg/Kg	0.50
Chromium	19		mg/Kg	0.99
Cobalt	6.2		mg/Kg	0.50
Copper	9.9		mg/Kg	0.99
Lead	7.5		mg/Kg	0.99
Nickel	12		mg/Kg	0.99
Vanadium	43		mg/Kg	0.99
Zinc	58		mg/Kg	5.0
Method: EPA 9045C				
pH	8.04		SU	
Temperature	20.50		deg C	1.00

Sample ID: SPH04-25.0	Lab ID: 500850-030	Collected: 01/25/24 13:40
Matrix: Soil		

500850-030 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	6.9		mg/Kg	0.95
Barium	88		mg/Kg	0.95
Chromium	12		mg/Kg	0.95
Cobalt	4.2		mg/Kg	0.48
Copper	5.9		mg/Kg	0.95
Lead	5.3		mg/Kg	0.95
Nickel	7.1		mg/Kg	0.95
Vanadium	21		mg/Kg	0.95
Zinc	28		mg/Kg	4.8
Method: EPA 9045C				
pH	8.08		SU	
Temperature	20.50		deg C	1.00

Detection Summary

Sample ID: SPH03-40.0	Lab ID: 500850-031	Collected: 01/25/24 11:15
Matrix: Soil		

500850-031 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	3.6		mg/Kg	0.96
Barium	76		mg/Kg	0.96
Chromium	35		mg/Kg	0.96
Cobalt	10		mg/Kg	0.48
Copper	25		mg/Kg	0.96
Lead	6.0		mg/Kg	0.96
Nickel	26		mg/Kg	0.96
Vanadium	57		mg/Kg	0.96
Zinc	43		mg/Kg	4.8
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	22		mg/Kg	9.9
ORO C28-C44	59		mg/Kg	20
Method: EPA 8081A Prep Method: EPA 3546				
4,4'-DDE	17		ug/Kg	4.9
Chlordane (Technical)	270		ug/Kg	49
Method: EPA 9045C				
pH	8.12		SU	
Temperature	20.90		deg C	1.00

Sample ID: SPH03-45.0	Lab ID: 500850-032	Collected: 01/25/24 12:07
Matrix: Soil		

500850-032 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	5.1		mg/Kg	0.98
Barium	110		mg/Kg	0.98
Chromium	29		mg/Kg	0.98
Cobalt	8.9		mg/Kg	0.49
Copper	22		mg/Kg	0.98
Lead	6.6		mg/Kg	0.98
Molybdenum	2.7		mg/Kg	0.98
Nickel	17		mg/Kg	0.98
Vanadium	51		mg/Kg	0.98
Zinc	56		mg/Kg	4.9
Method: EPA 9045C				
pH	8.07		SU	
Temperature	20.90		deg C	1.00

C Presence confirmed, but RPD between columns exceeds 40%



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 500850
 Page: 1 of 8

Turn Around Time (rush by advanced notice only)
 Standard: X
 5 Day:
 3 Day:
 1 Day:
 Custom TAT:
 Preservatives: 1 =
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
 W =
 Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request										Test Instructions / Comments	
Company:	Leighton and Associates	Quote #:	LEI060723	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	1.7/2.3	
Report To:	Michael Priestaf	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Matrix													
Email:	mpriestaf@leightongroup.com	Proj. #:	CLA.000IR23328, Phase 000404	Sampling Time													
	rferber@leightongroup.com kfox@verdantas.com	P.O. #:		Sampled By:	Yvonne Nguyen	Theresa Davis											
Address:	2600 Michelson Drive, Suite 400	Address:	6145 Santiago Canyon Road, Orange, CA	Sampling Date													
	Irvine, CA 92612	Global ID:															
Phone:	(949) 568-4144																
Sample ID																	
1	SPH01-00.5	1/25/24	1404	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X		
2	SPH01-05.0		1406	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X		
3	SPH01-05.0D		1407	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X		
4	SPH01-10.0		1412	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X		
5	SPH01-15.0		1416	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X		
6	SPH01-20.0		1420	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X		
7	SPH01-25.0		1430	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X		
8	SPH01-30.0			S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	TCB	
9	SPH01-35.0			S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	TCB	
10	SPH01-40.0			S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	TCB	

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	L & A Staff Inc	1/25/24 1600
<i>[Signature]</i>	Michael Priestaf	EA	1/25/24 1600
<i>[Signature]</i>	Michael Priestaf	EA	1/25/24 1630
<i>[Signature]</i>	Amber Shedd	EA	1/25/24 1630



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 500850

Page: 2 of 2

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
 2 Day: 1 Day: Custom TAT:

Preservatives: 1 =
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
 (lab use only)

PROJECT INFORMATION

Company: Leighton and Associates
 Report To: Michael Priestaf
 Email: mpriestaf@leightongroup.com
 rferber@leightongroup.com kfox@verdantas.com
 Address: 2600 Michelson Drive, Suite 400
 Irvine, CA 92612
 Phone: (949) 568-4144
 Quote #: LEI060723
 Proj. Name: 6145 Santiago Canyon Road, Orange, CA
 Proj. #: CLA.000IR23328, Phase 000404
 P.O. #:
 Address: 6145 Santiago Canyon Road, Orange, CA
 Global ID:
 Sampled By: Yvonne Nguyen

CUSTOMER INFORMATION

Test Instructions / Comments

Analysis Request

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)
1 SPH01-45.0			S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
2 SPH01-45.0D			S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
3															
4															
5															
6															
7															
8															
9															
10															

1.7/2.3

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:	<i>[Signature]</i>	Yvonne Nguyen	Leht	1/25/24 1600
1 Received By:	<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 600
2 Relinquished By:	<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630
2 Received By:	<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630
3 Relinquished By:	<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630
3 Received By:	<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630



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 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 50080
 Page: 8 of 8

Turn Around Time (rush by advanced notice only)
 Standard: X 5 Day: 3 Day:
 1 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other
 W = Preservatives:
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
 1 = Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION			Analysis Request										Test Instructions / Comments
Company:	Leighton and Associates		Quote #:	LEI060723		TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCS (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	PH (USEPA 9045)	1.72.3
Report To:	Michael Priestaf		Proj. Name:	6145 Santiago Canyon Road, Orange, CA		X	X	X	X	X	X	X	X	X	X	
Email:	mpriestaf@leightongroup.com		Proj. #:	CLA.0001R23328, Phase 000404		X	X	X	X	X	X	X	X	X	X	
	rferber@leightongroup.com kfox@verdantas.com		P.O. #:			X	X	X	X	X	X	X	X	X	X	
Address:	2600 Michelson Drive, Suite 400		Address:	6145 Santiago Canyon Road, Orange, CA		X	X	X	X	X	X	X	X	X	X	
	Irvine, CA 92612		Global ID:			X	X	X	X	X	X	X	X	X	X	
Phone:	(949) 568-4144		Sampled By:	Yvonne-Nguyen		X	X	X	X	X	X	X	X	X	X	
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	X	X	X	X	X	X	X	X	X	X	
1 SPH02-00.5	1/25/24	0928	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
2 SPH02-05.0		0930	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
3 SPH02-10.0		0935	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
4 SPH02-15.0		0940	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
5 SPH02-15.0B			S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
6 SPH02-20.0		0950	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
7 SPH02-25.0		0955	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
8 SPH02-25.0B ^{rev} SPH02-30.0D		1016	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
9 SPH02-30.0D ^{rev} SPH02-30.0		1015	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	
10 SPH02-35.0		1028	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X	

Signature		Print Name		Company / Title		Date / Time	
1 Relinquished By:	<i>[Signature]</i>	Yvonne Nguyen	Leighton and Associates	LAB TECH	LAB	1/25/24	1600
1 Received By:	<i>[Signature]</i>	Yvonne Nguyen	Leighton and Associates	LAB	LAB	1/25/24	1600
2 Relinquished By:	<i>[Signature]</i>	Yvonne Nguyen	Leighton and Associates	LAB	LAB	1/25/24	1630
2 Received By:	<i>[Signature]</i>	Yvonne Nguyen	Leighton and Associates	LAB	LAB	1/25/24	1630
3 Relinquished By:	<i>[Signature]</i>						
3 Received By:	<i>[Signature]</i>						



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record
Lab No: 50080
Page: 4 of 8

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid
Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

1 = Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments
Company:	Leighton and Associates			Quote #:	LEI060723			TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCS (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	1.7/2.5
Report To:	Michael Priestaf			Proj. Name:	6145 Santiago Canyon Road, Orange, CA			X	X	X	X	X	X	X	X	X		
Email:	mpriestaf@leightongroup.com			Proj. #:	CLA.0001R23328, Phase 000404			X	X	X	X	X	X	X	X	X		
	rferber@leightongroup.com kfox@verdantas.com			P.O. #:				X	X	X	X	X	X	X	X	X		
Address:	2600 Michelson Drive, Suite 400			Address:	6145 Santiago Canyon Road, Orange, CA			X	X	X	X	X	X	X	X	X		
	Irvine, CA 92612			Global ID:				X	X	X	X	X	X	X	X	X		
Phone:	(949) 568-4144			Sampled By:	Xvonne Nguyen <i>Xvonne Nguyen</i>			X	X	X	X	X	X	X	X	X		
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	1	SPH02-40.0		S	1 / Sleeve	None							
						2	SPH02-45.0		S	1 / Sleeve	None							
						3												
						4												
						5												
						6												
						7												
						8												
						9												
						10												

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Xvonne Nguyen	L & A Study Cont	11/25/24 1600
<i>[Signature]</i>	Xvonne Nguyen	EA	11/25/24 1600
<i>[Signature]</i>	Xvonne Nguyen	EA	11/25/24 1630
<i>[Signature]</i>	Xvonne Nguyen	EA	11/25/24 1630



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

Lab No: 50080
Page: 5 of 8

Matrix: A = Air S = Soil/Solid
Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
2 Day: 1 Day: Custom TAT:

Preservatives: 1 =
Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS REQUEST										Test Instructions / Comments		
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)		
Report To:	Michael Priestaf	Proj. #:	CLA.0001R23328, Phase 000404	Address:	6145 Santiago Canyon Road, Orange, CA	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	
Email:	mpriestaf@leightongroup.com	P.O. #:		Global ID:		S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	
	mpriestaf@leightongroup.com	Address:	2600 Michelson Drive, Suite 400	Sampled By:	Yvonne-Nguyen	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	
	kfox@verdantas.com		Irvine, CA 92612			S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	
Address:	2600 Michelson Drive, Suite 400					S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	
Phone:	(949) 568-4144					S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	
Sample ID		Sampling Date		Sampling Time																
1	SPH03-00.5	1/25/24																		
2	SPH03-00.5D																			
3	SPH03-05.0			1102																
4	SPH03-10.0			1108																
5	SPH03-15.0			1112																
6	SPH03-20.0			1115																
7	SPH03-25.0			1125																
8	SPH03-30.0			1135																
9	SPH03-30.0D			1136																
10	SPH03-35.0			1145																
Relinquished By:		Signature		Print Name		Company / Title		Date / Time												
				Yvonne Nguyen		L & O, Staff Coord		1/25/24 1600												
Received By:		Signature		Print Name		Company / Title		Date / Time												
				Ricardo Sanchez		EA		1/25/24 1600												
Relinquished By:		Signature		Print Name		Company / Title		Date / Time												
				Ricardo Sanchez		EA		1/25/24 1630												
Relinquished By:		Signature		Print Name		Company / Title		Date / Time												
				Anderson Gudimov		EA		1/25/24 1630												
Relinquished By:		Signature		Print Name		Company / Title		Date / Time												
Received By:		Signature		Print Name		Company / Title		Date / Time												



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 500890

Page: 6 of 6

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
 2 Day: 1 Day: Custom TAT:

Preservatives: 1 =
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

PROJECT INFORMATION

Company:	Leighton and Associates	Quote #:	LEI060723
Report To:	Michael Priestaf	Proj. Name:	6145 Santiago Canyon Road, Orange, CA
Email:	mpriestaf@leightongroup.com	Proj. #:	CLA.000IR23328, Phase 000404
	rferber@leightongroup.com	P.O. #:	
Address:	2600 Michelson Drive, Suite 400	Address:	6145 Santiago Canyon Road, Orange, CA
	Irvine, CA 92612	Global ID:	
Phone:	(949) 568-4144	Sampled By:	Yvonne Nguyen - <i>Yvonne Nguyen</i>

Analysis Request

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)
1 SPH03-40.0	1/25/24	1158	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X
2 SPH03-45.0	1/25/24	1207	S	1/Sleeve	None	X	X	X	X	X	X	X	X	X	X
3															
4															
5															
6															
7															
8															
9															
10															

1.7/2.3

CUSTOMER INFORMATION

Signature	Yvonne Nguyen	Print Name	Yvonne Nguyen	Company / Title	LEA, Staff Coord	Date / Time	1/25/24 1600
Signature	<i>Michael Priestaf</i>	Print Name	Michael Priestaf	Company / Title	EA	Date / Time	1/25/24 1600
Signature	<i>Yvonne Nguyen</i>	Print Name	Yvonne Nguyen	Company / Title	EA	Date / Time	1/25/24 1610
Signature	<i>Amanda Smith</i>	Print Name	Amanda Smith	Company / Title	EA	Date / Time	1/25/24 1630

- 1 Relinquished By: [Signature]
- 1 Received By: [Signature]
- 2 Relinquished By: [Signature]
- 2 Received By: [Signature]
- 3 Relinquished By:
- 3 Received By:



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 17 500850
 Page: 62 of 68

Turn Around Time (rush by advanced notice only)
 Standard: X 5 Day: 3 Day:
 2 Day: 1 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other
Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION			Analysis Request										Test Instructions / Comments
Company:	Quote #:	Proj. Name:	Matrix	Sampling Time	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCS (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)
Leighton and Associates	LEI060723	6145 Santiago Canyon Road, Orange, CA	S	1318	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
Report To: Michael Priestaf	Proj. #:	6145 Santiago Canyon Road, Orange, CA	S	1320	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
Email: mpriestaf@leightongroup.com	P.O. #:	6145 Santiago Canyon Road, Orange, CA	S	1322	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
Address: 2600 Michelson Drive, Suite 400	Sampled By: Yvonne Nguyen	6145 Santiago Canyon Road, Orange, CA	S	1326	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
Phone: (949) 568-4144			S	1330	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
Sample ID	Sampling Date	Sampling Time	Matrix	Sampling Time	Container No. / Size	Pres.	X	X	X	X	X	X	X	X	X	X
1 SPH04-00.5	1/25/24	1318	S	1318	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
2 SPH04-05.0		1320	S	1320	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
3 SPH04-10.0		1322	S	1322	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
4 SPH04-15.0		1326	S	1326	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
5 SPH04-20.0		1330	S	1330	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
6 SPH04-20.0B			S		1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
7 SPH04-25.0			S		1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
8 SPH04-30.0			S		1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
9 SPH04-35.0			S		1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
10 SPH04-40.0			S		1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X

1.7/2.3

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	Lab Staff	1/25/24 1600
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1600
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 500880
 Page: 8 of 8

Turn Around Time (rush by advanced notice only)
 Standard: X
 5 Day:
 3 Day:
 1 Day:
 Custom TAT:
 Sample Receipt Temp: 1 =
 Preservatives: Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments	
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Proj. #:	CLA.000IR23328, Phase 000404	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	1.7/2.3	
Report To:	Michael Priestaf	Address:	6145 Santiago Canyon Road, Orange, CA	Global ID:		Sampled By:	Yvonne-Nguyen												
Email:	mpriestaf@leightongroup.com	P.O. #:																	
	mpriestaf@leightongroup.com	Address:	2600 Michelson Drive, Suite 400																
	mpriestaf@leightongroup.com	Global ID:	Irvine, CA 92612																
	mpriestaf@leightongroup.com	Sampled By:	(949) 568-4144																
	mpriestaf@leightongroup.com																		
	mpriestaf@leightongroup.com																		
	mpriestaf@leightongroup.com																		
	mpriestaf@leightongroup.com																		
1	SPH04-45.0						S	1 / Sleeve	None	None									
2	SPH04-45.0D						S	1 / Sleeve	None	None									
3							S	1 / Sleeve	None	None									
4							S	1 / Sleeve	None	None									
5							S	1 / Sleeve	None	None									
6							S	1 / Sleeve	None	None									
7							S	1 / Sleeve	None	None									
8							S	1 / Sleeve	None	None									
9							S	1 / Sleeve	None	None									
10							S	1 / Sleeve	None	None									

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	Lead, Staff Cool	1/25/24 6:00
<i>[Signature]</i>	Priestaf	EA	1/25/24 1:00
<i>[Signature]</i>	Priestaf	EA	1/25/24 1:30
<i>[Signature]</i>	Priestaf	EA	1/25/24 1:30
<i>[Signature]</i>			
<i>[Signature]</i>			

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Leighton Project: Orange
 Date Received: 1/25/24 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler): _____
 Sample Temp (°C), One from each cooler: #1: 2-3 #2: _____ #3: _____ #4: _____
 (Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 1 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sample IDs present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sampling dates & times present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is a relinquished signature present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are custody seals present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If custody seals are present, were they intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>AS 1/25/24</u>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the containers labeled with the correct preservatives?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 5 Explanations/Comments
Rec'd samples crossed out on COC. ID's "SP103-40.0" and "SP103-45.0". Added to login on hold. - G.E.S. 1/25/24

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time: G.E.S. 1/25/24
 Email (email sent to/on): AM 1/24/24
 Project Manager's response: 1/25/24

Completed By: [Signature] Date: 1/25/24



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 500890

Page: 6 of 6

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
 2 Day: 1 Day: Custom TAT:

Preservatives: 1 =
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments		
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	1.7/2.3 STET Michael Priestaf STET Michael Priestaf 1/26/2024	
Report To:	Michael Priestaf	Proj. #:	CLA.000IR23328, Phase 000404	P.O. #:	6145 Santiago Canyon Road, Orange, CA	5	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X		X
Email:	mpriestaf@leightongroup.com	Address:	2600 Michelson Drive, Suite 400	Global ID:	Irvine, CA 92612	5	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X		X
Address:	2600 Michelson Drive, Suite 400	Sampled By:	Yvonne Nguyen - Irvinson Business	Sampling Date:	1/25/24	Sampling Time:	1158													
Phone:	(949) 568-4144																			
Sample ID																				
1	SPH03-40.0																			
2	SPH03-45.0																			
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	LEA, Staff Coord	1/25/24 1600
<i>[Signature]</i>	Kevin Joanne	EA	1/25/24 1600
<i>[Signature]</i>	Kevin Joanne	EA	1/25/24 1670
<i>[Signature]</i>	Amanda Smith	EA	1/25/24 1630

Analysis Results for 500850

Michael Priestaf
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Lab Job #: 500850
 Project No: ORANGE CA
 Location: 6145 E. Santiago Canyon Rd, Orange, CA
 Date Received: 01/25/24

Sample ID: SPH01-00.5	Lab ID: 500850-001	Collected: 01/25/24 14:04
Matrix: Soil		

500850-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Arsenic	11		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Barium	130		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Beryllium	0.49		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Cadmium	1.2		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Chromium	19		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Cobalt	5.6		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Copper	18		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Lead	16		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Molybdenum	1.1		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Nickel	13		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Vanadium	36		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Zinc	120		mg/Kg	4.9	0.97	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331596	01/28/24	01/31/24	KMB
DRO C10-C28	12		mg/Kg	10	1	331596	01/28/24	01/31/24	KMB
ORO C28-C44	ND		mg/Kg	20	1	331596	01/28/24	01/31/24	KMB
Surrogates				Limits					
n-Triacontane	109%		%REC	70-130	1	331596	01/28/24	01/31/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Methoxychlor	ND		ug/Kg	10	1	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	100	1	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS

Surrogates				Limits					
TCMX	62%	%REC		23-120	1	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	53%	%REC		24-120	1	331559	01/27/24	01/28/24	MTS

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS

Surrogates				Limits					
Decachlorobiphenyl (PCB)	50%	%REC		19-121	1	331559	01/27/24	01/28/24	MTS

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331448	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	95%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Toluene-d8	102%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Bromofluorobenzene	100%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Fluorene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Chrysene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	82%	E	%REC	27-125	1	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	82%	E	%REC	30-120	1	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	92%	E	%REC	33-155	1	332104	02/03/24	02/04/24	TJW
Method: EPA 8270C Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Pyridine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Phenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Aniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	332104	02/03/24	02/04/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Isophorone	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW

Analysis Results for 500850

500850-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Dimethylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzidine	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
2-Fluorophenol	79%		%REC	29-120	1	332104	02/03/24	02/04/24	TJW
Phenol-d6	86%		%REC	30-120	1	332104	02/03/24	02/04/24	TJW
2,4,6-Tribromophenol	71%		%REC	32-120	1	332104	02/03/24	02/04/24	TJW
Nitrobenzene-d5	77%		%REC	33-120	1	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	88%		%REC	39-120	1	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	97%		%REC	44-125	1	332104	02/03/24	02/04/24	TJW
Method: EPA 9045C									
pH	7.50		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.20		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH01-05.0	Lab ID: 500850-002	Collected: 01/25/24 14:06
Matrix: Soil		

500850-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	331639	01/29/24	01/30/24	SBW
Arsenic	6.8		mg/Kg	0.98	0.98	331639	01/29/24	01/30/24	SBW
Barium	76		mg/Kg	0.98	0.98	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.49	0.98	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.49	0.98	331639	01/29/24	01/30/24	SBW
Chromium	16		mg/Kg	0.98	0.98	331639	01/29/24	01/30/24	SBW
Cobalt	4.5		mg/Kg	0.49	0.98	331639	01/29/24	01/30/24	SBW
Copper	10		mg/Kg	0.98	0.98	331639	01/29/24	01/30/24	SBW
Lead	5.9		mg/Kg	0.98	0.98	331639	01/29/24	01/30/24	SBW
Molybdenum	1.2		mg/Kg	0.98	0.98	331639	01/29/24	01/30/24	SBW
Nickel	12		mg/Kg	0.98	0.98	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.49	0.98	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	331639	01/29/24	01/30/24	SBW
Vanadium	30		mg/Kg	0.98	0.98	331639	01/29/24	01/30/24	SBW
Zinc	40		mg/Kg	4.9	0.98	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/31/24	KMB
DRO C10-C28	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/31/24	KMB
ORO C28-C44	ND		mg/Kg	20	0.99	331596	01/28/24	01/31/24	KMB
Surrogates				Limits					
n-Triacontane	113%		%REC	70-130	0.99	331596	01/28/24	01/31/24	KMB
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	16		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
TCMX	63%		%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	51%		%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	57%		%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331448	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	97%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	112%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Toluene-d8	103%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Bromofluorobenzene	104%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	89%		%REC	27-125	4	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	89%		%REC	30-120	4	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	103%	E	%REC	33-155	4	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	1,600	4	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	77%		%REC	29-120	4	331589	01/28/24	01/29/24	TJW
Phenol-d6	91%		%REC	30-120	4	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	72%		%REC	32-120	4	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	86%		%REC	33-120	4	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	90%		%REC	39-120	4	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	97%		%REC	44-125	4	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.45		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.20		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH01-05.0D	Lab ID: 500850-003	Collected: 01/25/24 14:07
Matrix: Soil		

500850-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Arsenic	7.0		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Barium	110		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Beryllium	0.58		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Chromium	19		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Cobalt	7.0		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Copper	21		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Lead	21		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Nickel	15		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Vanadium	38		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Zinc	91		mg/Kg	4.9	0.97	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	105%		%REC	70-130	0.99	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDE	23		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDT	17		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	100	1	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	310		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
TCMX	83%		%REC	23-120	1	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	84%		%REC	24-120	1	331559	01/27/24	01/28/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	80%		%REC	19-121	1	331559	01/27/24	01/28/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331448	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	97%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	112%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Toluene-d8	103%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Bromofluorobenzene	103%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	68%	E	%REC	27-125	1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	74%	E	%REC	30-120	1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	79%	E	%REC	33-155	1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	62%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	75%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	71%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	67%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	78%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	90%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	7.58		SU		1	332248	02/05/24	02/05/24	LVL
Temperature	19.80		deg C	1.00	1	332248	02/05/24	02/05/24	LVL

Analysis Results for 500850

Sample ID: SPH01-10.0	Lab ID: 500850-004	Collected: 01/25/24 14:12
Matrix: Soil		

500850-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Arsenic	5.2		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Barium	96		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Chromium	21		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Cobalt	5.7		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Copper	21		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Lead	10		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Molybdenum	1.0		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Nickel	13		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Vanadium	34		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Zinc	64		mg/Kg	5.0	0.99	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	20	2	331596	01/28/24	01/29/24	SME
DRO C10-C28	30		mg/Kg	20	2	331596	01/28/24	01/29/24	SME
ORO C28-C44	55		mg/Kg	40	2	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	122%		%REC	70-130	2	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	100	1	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
TCMX	77%		%REC	23-120	1	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	63%		%REC	24-120	1	331559	01/27/24	01/28/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	58%		%REC	19-121	1	331559	01/27/24	01/28/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331448	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	96%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Toluene-d8	103%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Bromofluorobenzene	101%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	200	20	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	96%		%REC	27-125	20	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	92%		%REC	30-120	20	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	98%		%REC	33-155	20	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	24,000	20	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	8,000	20	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	24,000	20	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	24,000	20	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	24,000	20	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	24,000	20	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	24,000	20	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	24,000	20	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	24,000	20	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	5,000	20	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	85%		%REC	29-120	20	331589	01/28/24	01/29/24	TJW
Phenol-d6	85%		%REC	30-120	20	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	69%		%REC	32-120	20	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	93%		%REC	33-120	20	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	97%		%REC	39-120	20	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	98%		%REC	44-125	20	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	7.92		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.80		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH01-15.0	Lab ID: 500850-005	Collected: 01/25/24 14:16
Matrix: Soil		

500850-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Arsenic	5.6		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Barium	90		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Beryllium	0.67		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Chromium	15		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Cobalt	6.7		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Copper	29		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Lead	8.6		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Molybdenum	0.96		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Nickel	11		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Vanadium	31		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Zinc	47		mg/Kg	4.8	0.95	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	126%		%REC	70-130	0.99	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
TCMX	76%		%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	57%		%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	52%		%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331448	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	97%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	114%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Toluene-d8	102%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Bromofluorobenzene	102%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	85%	E	%REC	27-125	1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	72%	E	%REC	30-120	1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	76%	E	%REC	33-155	1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	99%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	106%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	80%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	104%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	96%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	96%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.07		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	19.50		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH01-20.0	Lab ID: 500850-006	Collected: 01/25/24 14:20
Matrix: Soil		

500850-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Arsenic	3.4		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Barium	59		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Chromium	16		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Cobalt	5.6		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Copper	11		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Lead	5.6		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Nickel	12		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Vanadium	32		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Zinc	48		mg/Kg	4.8	0.95	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	10	1	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	1	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	128%		%REC	70-130	1	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	19		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
TCMX	73%		%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	56%		%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
Decachlorobiphenyl (PCB)	51%		%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331448	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331448	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331448	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	96%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Toluene-d8	102%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Bromofluorobenzene	101%		%REC	70-145	1	331448	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	74%	E	%REC	27-125	2	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	65%	E	%REC	30-120	2	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	71%	E	%REC	33-155	2	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	800	2	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	80%		%REC	29-120	2	331589	01/28/24	01/29/24	TJW
Phenol-d6	87%		%REC	30-120	2	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	61%		%REC	32-120	2	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	83%		%REC	33-120	2	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	81%		%REC	39-120	2	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	78%		%REC	44-125	2	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.48		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.00		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH01-25.0	Lab ID: 500850-007	Collected: 01/25/24 14:30
Matrix: Soil		

500850-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Arsenic	3.2		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Barium	82		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Chromium	20		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Cobalt	7.1		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Copper	14		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Lead	8.6		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Molybdenum	ND		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Nickel	15		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Vanadium	39		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Zinc	130		mg/Kg	5.0	1	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	200	20	331596	01/28/24	01/29/24	SME
DRO C10-C28	570		mg/Kg	200	20	331596	01/28/24	01/29/24	SME
ORO C28-C44	880		mg/Kg	400	20	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane		DO	%REC	70-130	20	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	100	10	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	1,000	10	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	500	10	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
TCMX	DO	%REC	23-120	10	331559	01/27/24	01/28/24	MTS	
Decachlorobiphenyl	DO	%REC	24-120	10	331559	01/27/24	01/28/24	MTS	

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
Decachlorobiphenyl (PCB)	86%	%REC	19-121	1	331559	01/27/24	01/28/24	MTS	

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	102%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	97%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	99%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	108%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW

Analysis Results for 500850

500850-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	5,000	500	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	73%		%REC	27-125	500	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	81%		%REC	30-120	500	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	72%		%REC	33-155	500	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	600,000	500	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
3,4-Methylphenol	ND		ug/Kg	200,000	500	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	600,000	500	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	600,000	500	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	600,000	500	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	600,000	500	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	600,000	500	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	600,000	500	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	600,000	500	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	130,000	500	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol		DO	%REC	29-120	500	331589	01/28/24	01/29/24	TJW
Phenol-d6		DO	%REC	30-120	500	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol		DO	%REC	32-120	500	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5		DO	%REC	33-120	500	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl		DO	%REC	39-120	500	331589	01/28/24	01/29/24	TJW
Terphenyl-d14		DO	%REC	44-125	500	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
	pH	8.47	SU		1	332084	02/02/24	02/02/24	ARM
	Temperature	20.30	deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-00.5	Lab ID: 500850-008	Collected: 01/25/24 09:28
Matrix: Soil		

500850-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Arsenic	3.3		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Barium	58		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Chromium	16		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Cobalt	5.2		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Copper	13		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Lead	17		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Nickel	8.5		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Vanadium	25		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Zinc	51		mg/Kg	4.9	0.97	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	100	10	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	100	10	331596	01/28/24	01/29/24	SME
ORO C28-C44	220		mg/Kg	200	10	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	127%		%REC	70-130	10	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	50	10	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	100	10	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	1,000	10	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	500	10	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
TCMX	DO	%REC	23-120	10	331559	01/27/24	01/28/24	MTS	
Decachlorobiphenyl	DO	%REC	24-120	10	331559	01/27/24	01/28/24	MTS	

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
Decachlorobiphenyl (PCB)	89%	%REC	19-121	1	331559	01/27/24	01/28/24	MTS	

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	96%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	90%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	101%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	108%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	1,000	100	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	83%		%REC	27-125	100	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	84%		%REC	30-120	100	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	86%		%REC	33-155	100	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	120,000	100	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
3,4-Methylphenol	ND		ug/Kg	40,000	100	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	120,000	100	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	120,000	100	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	120,000	100	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	120,000	100	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	120,000	100	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	120,000	100	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	120,000	100	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	25,000	100	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol		DO	%REC	29-120	100	331589	01/28/24	01/29/24	TJW
Phenol-d6		DO	%REC	30-120	100	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol		DO	%REC	32-120	100	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5		DO	%REC	33-120	100	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl		DO	%REC	39-120	100	331589	01/28/24	01/29/24	TJW
Terphenyl-d14		DO	%REC	44-125	100	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.79		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.50		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-05.0	Lab ID: 500850-009	Collected: 01/25/24 09:30
Matrix: Soil		

500850-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Arsenic	5.0		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Barium	83		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Cadmium	6.6		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Chromium	14		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Cobalt	4.7		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Copper	9.6		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Lead	5.0		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Molybdenum	1.2		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Nickel	17		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Vanadium	30		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Zinc	44		mg/Kg	5.0	1	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	10	1	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	1	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	115%		%REC	70-130	1	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
TCMX	78%		%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	63%		%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
Decachlorobiphenyl (PCB)	58%		%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	102%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	97%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	105%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	94%	E	%REC	27-125	2	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	86%	E	%REC	30-120	2	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	99%	E	%REC	33-155	2	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	800	2	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	96%		%REC	29-120	2	331589	01/28/24	01/29/24	TJW
Phenol-d6	105%		%REC	30-120	2	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	78%		%REC	32-120	2	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	104%		%REC	33-120	2	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	103%		%REC	39-120	2	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	103%		%REC	44-125	2	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.58		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	19.90		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-10.0	Lab ID: 500850-010	Collected: 01/25/24 09:35
Matrix: Soil		

500850-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Arsenic	3.0		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Barium	65		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Chromium	8.8		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Cobalt	3.3		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Copper	5.9		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Lead	4.6		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Nickel	6.3		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Vanadium	22		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Zinc	27		mg/Kg	5.0	0.99	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	108%		%REC	70-130	0.99	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	16		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	7.1		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
TCMX	78%		%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	63%		%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
Decachlorobiphenyl (PCB)	57%		%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	94%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	105%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW

Analysis Results for 500850

500850-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	99%	E	%REC	27-125	1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	82%	E	%REC	30-120	1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	91%	E	%REC	33-155	1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	101%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	111%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	82%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	107%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	101%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	101%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.66		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	19.70		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-15.0	Lab ID: 500850-011	Collected: 01/25/24 09:40
Matrix: Soil		

500850-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Arsenic	3.9		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Barium	99		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Beryllium	0.54		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Cadmium	1.1		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Chromium	26		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Cobalt	7.6		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Copper	13		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Lead	5.0		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Molybdenum	ND		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Nickel	21		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Vanadium	43		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Zinc	49		mg/Kg	4.9	0.97	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	20	2	331596	01/28/24	01/29/24	SME
DRO C10-C28	55		mg/Kg	20	2	331596	01/28/24	01/29/24	SME
ORO C28-C44	80		mg/Kg	40	2	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	119%		%REC	70-130	2	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
TCMX	77%		%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	59%		%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	54%		%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	99%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	95%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	108%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	40	4	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	107%	E	%REC	27-125	4	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	94%		%REC	30-120	4	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	99%		%REC	33-155	4	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	1,600	4	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	4,800	4	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	1,000	4	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	98%		%REC	29-120	4	331589	01/28/24	01/29/24	TJW
Phenol-d6	104%		%REC	30-120	4	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	75%		%REC	32-120	4	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	104%		%REC	33-120	4	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	100%		%REC	39-120	4	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	101%		%REC	44-125	4	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	7.87		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.00		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-20.0	Lab ID: 500850-012	Collected: 01/25/24 09:50
Matrix: Soil		

500850-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Arsenic	5.9		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Barium	71		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Beryllium	0.72		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Chromium	12		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Cobalt	6.5		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Copper	9.3		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Lead	6.8		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Molybdenum	1.9		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Nickel	9.9		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Vanadium	22		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Zinc	61		mg/Kg	4.8	0.95	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	0.35		mg/Kg	0.15	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	119%		%REC	70-130	0.99	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Aldrin	8.2		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Dieldrin	34		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	100	1	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	360		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
TCMX	75%		%REC	23-120	1	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	61%		%REC	24-120	1	331559	01/27/24	01/28/24	MTS

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS

Surrogates	Limits								
Decachlorobiphenyl (PCB)	57%		%REC	19-121	1	331559	01/27/24	01/28/24	MTS

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates	Limits								
Dibromofluoromethane	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	95%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	104%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	85%	E	%REC	27-125	1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	72%	E	%REC	30-120	1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	76%	E	%REC	33-155	1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	100%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	105%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	74%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	103%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	95%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	93%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.50		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.50		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-25.0	Lab ID: 500850-013	Collected: 01/25/24 09:55
Matrix: Soil		

500850-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Arsenic	2.8		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Barium	49		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Chromium	5.8		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Cobalt	5.0		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Copper	5.3		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Lead	360		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Nickel	9.2		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Vanadium	14		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Zinc	44		mg/Kg	4.8	0.95	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	0.16		mg/Kg	0.14	1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	120%		%REC	70-130	0.99	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Aldrin	12		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Dieldrin	100		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDE	5.3	C	ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	1	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	100	1	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	1,200		ug/Kg	250	5	331559	01/27/24	02/06/24	TRN
Surrogates			Limits						
TCMX	79%		%REC	23-120	1	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	66%		%REC	24-120	1	331559	01/27/24	01/28/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	01/28/24	MTS
Surrogates			Limits						
Decachlorobiphenyl (PCB)	61%		%REC	19-121	1	331559	01/27/24	01/28/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	99%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	93%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	99%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	104%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW

Analysis Results for 500850

500850-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	91%	E	%REC	27-125	1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	79%	E	%REC	30-120	1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	91%	E	%REC	33-155	1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	89%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	94%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	75%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	92%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	90%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	94%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.38		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.20		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-30.0D	Lab ID: 500850-014	Collected: 01/25/24 10:16
Matrix: Soil		

500850-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Arsenic	6.6		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Barium	140		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Beryllium	0.79		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Chromium	28		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Cobalt	10		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Copper	33		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Lead	17		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Molybdenum	1.7		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Nickel	18		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.50	0.99	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	331639	01/29/24	01/30/24	SBW
Vanadium	46		mg/Kg	0.99	0.99	331639	01/29/24	01/30/24	SBW
Zinc	97		mg/Kg	5.0	0.99	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	0.21		mg/Kg	0.14	1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331596	01/28/24	01/29/24	SME
DRO C10-C28	11		mg/Kg	10	1	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	1	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	121%		%REC	70-130	1	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	770		ug/Kg	49	9.9	331559	01/27/24	02/06/24	TRN
Endrin	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	23		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	13		ug/Kg	4.9	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS

Surrogates			Limits						
TCMX	72%	%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS	
Decachlorobiphenyl	56%	%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS	

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	49	0.99	331559	01/27/24	01/28/24	MTS

Surrogates			Limits						
Decachlorobiphenyl (PCB)	50%	%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS	

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates	Limits								
Dibromofluoromethane	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	96%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	105%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW

Analysis Results for 500850

500850-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	55%	E	%REC	27-125	1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	44%	E	%REC	30-120	1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	56%	E	%REC	33-155	1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	55%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	61%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	46%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	57%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	51%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	60%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.07		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.00		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-30.0	Lab ID: 500850-015	Collected: 01/25/24 10:15
Matrix: Soil		

500850-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Arsenic	5.0		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Barium	84		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Chromium	18		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Cobalt	4.5		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Copper	16		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Lead	38		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Molybdenum	1.9		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Nickel	11		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.49	0.97	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.97	331639	01/29/24	01/30/24	SBW
Vanadium	25		mg/Kg	0.97	0.97	331639	01/29/24	01/30/24	SBW
Zinc	84		mg/Kg	4.9	0.97	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
DRO C10-C28	23		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	120%		%REC	70-130	0.99	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
beta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
gamma-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
delta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Heptachlor	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Aldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Endosulfan I	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Dieldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
4,4'-DDE	8.1		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Endrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Endosulfan II	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
4,4'-DDD	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
Endrin ketone	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN
4,4'-DDT	ND		ug/Kg	5.0	0.99	331559	01/27/24	02/06/24	TRN

Analysis Results for 500850

500850-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	02/06/24	TRN
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	02/06/24	TRN
Chlordane (Technical)	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Surrogates				Limits					
TCMX	81%		%REC	23-120	0.99	331559	01/27/24	02/06/24	TRN
Decachlorobiphenyl	92%		%REC	24-120	0.99	331559	01/27/24	02/06/24	TRN
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Aroclor-1221	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Aroclor-1232	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Aroclor-1242	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Aroclor-1248	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Aroclor-1254	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Aroclor-1260	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Aroclor-1262	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Aroclor-1268	ND		ug/Kg	50	0.99	331559	01/27/24	02/06/24	TRN
Surrogates				Limits					
Decachlorobiphenyl (PCB)	81%		%REC	19-121	0.99	331559	01/27/24	02/06/24	TRN
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates	Limits								
Dibromofluoromethane	96%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	92%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	101%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	107%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Fluoranthene	130		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Pyrene	160		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Benzo(a)anthracene	75		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Chrysene	82		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Benzo(b)fluoranthene	74		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Benzo(k)fluoranthene	28		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Benzo(a)pyrene	55		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Indeno(1,2,3-cd)pyrene	20		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW
Benzo(g,h,i)perylene	19		ug/Kg	10	1	331589	01/28/24	02/05/24	TJW

Surrogates	Limits								
Nitrobenzene-d5	74%	E	%REC	27-125	1	331589	01/28/24	02/05/24	TJW
2-Fluorobiphenyl	68%	E	%REC	30-120	1	331589	01/28/24	02/05/24	TJW
Terphenyl-d14	92%	E	%REC	33-155	1	331589	01/28/24	02/05/24	TJW

Method: EPA 8270C

Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	64%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	71%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	66%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	66%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	68%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	91%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	8.38		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.30		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH02-35.0	Lab ID: 500850-016	Collected: 01/25/24 10:28
Matrix: Soil		

500850-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Arsenic	7.6		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Barium	130		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Beryllium	0.64		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Chromium	21		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Cobalt	8.2		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Copper	19		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Lead	8.6		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Molybdenum	2.4		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Nickel	17		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Vanadium	41		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Zinc	72		mg/Kg	4.8	0.96	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/29/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331596	01/28/24	01/29/24	SME
Surrogates				Limits					
n-Triacontane	120%		%REC	70-130	0.99	331596	01/28/24	01/29/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	35		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	5.1		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates			Limits						
TCMX	73%		%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	62%		%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates			Limits						
Decachlorobiphenyl (PCB)	56%		%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Freon 12	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Chloromethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Vinyl Chloride	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Bromomethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Chloroethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Acetone	ND		ug/Kg	100	1	332280	02/06/24	02/06/24	TCN
Freon 113	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Methylene Chloride	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
MTBE	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
2-Butanone	ND		ug/Kg	100	1	332280	02/06/24	02/06/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Chloroform	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Bromochloromethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Benzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Trichloroethene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Bromodichloromethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Dibromomethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN

Analysis Results for 500850

500850-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Tetrachloroethene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Dibromochloromethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Chlorobenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Ethylbenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
m,p-Xylenes	ND		ug/Kg	10	1	332280	02/06/24	02/06/24	TCN
o-Xylene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Styrene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Bromoform	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Isopropylbenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Propylbenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Bromobenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
n-Butylbenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Naphthalene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Xylene (total)	ND		ug/Kg	5.0	1	332280	02/06/24	02/06/24	TCN
Surrogates				Limits					
Dibromofluoromethane	95%		%REC	70-145	1	332280	02/06/24	02/06/24	TCN
1,2-Dichloroethane-d4	108%		%REC	70-145	1	332280	02/06/24	02/06/24	TCN
Toluene-d8	101%		%REC	70-145	1	332280	02/06/24	02/06/24	TCN
Bromofluorobenzene	104%		%REC	70-145	1	332280	02/06/24	02/06/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Phenanthrene	13		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluoranthene	29		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Pyrene	27		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	14		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Chrysene	16		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	15		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	13		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	81%	E	%REC	27-125	1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	68%	E	%REC	30-120	1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	78%	E	%REC	33-155	1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	85%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	93%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	73%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	89%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	84%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	90%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	7.41		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.50		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH03-05.0	Lab ID: 500850-017	Collected: 01/25/24 11:02
Matrix: Soil		

500850-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Arsenic	6.2		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Barium	160		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Beryllium	0.60		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Chromium	21		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Cobalt	7.9		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Copper	17		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Lead	9.1		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Molybdenum	1.6		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Nickel	18		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Vanadium	42		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Zinc	62		mg/Kg	4.8	0.96	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331596	01/28/24	01/30/24	SME
DRO C10-C28	16		mg/Kg	9.9	0.99	331596	01/28/24	01/30/24	SME
ORO C28-C44	24		mg/Kg	20	0.99	331596	01/28/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	119%		%REC	70-130	0.99	331596	01/28/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
beta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
gamma-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
delta-BHC	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Aldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan I	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Dieldrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan II	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
Endrin ketone	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	0.99	331559	01/27/24	01/28/24	MTS

Analysis Results for 500850

500850-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331559	01/27/24	01/28/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331559	01/27/24	01/28/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
TCMX	73%		%REC	23-120	0.99	331559	01/27/24	01/28/24	MTS
Decachlorobiphenyl	61%		%REC	24-120	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8082									
Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1221	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1232	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1242	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1248	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1254	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1260	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1262	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Aroclor-1268	ND		ug/Kg	50	0.99	331559	01/27/24	01/28/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	54%		%REC	19-121	0.99	331559	01/27/24	01/28/24	MTS
Method: EPA 8260B									
Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	96%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	104%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW

Analysis Results for 500850

500850-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	20	2	331589	01/28/24	02/03/24	TJW
Surrogates	Limits								
Nitrobenzene-d5	93%	E	%REC	27-125	2	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	82%	E	%REC	30-120	2	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	93%	E	%REC	33-155	2	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	800	2	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	2,400	2	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	500	2	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	78%		%REC	29-120	2	331589	01/28/24	01/29/24	TJW
Phenol-d6	90%		%REC	30-120	2	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	71%		%REC	32-120	2	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	86%		%REC	33-120	2	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	85%		%REC	39-120	2	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	89%		%REC	44-125	2	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	7.46		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.30		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH03-10.0	Lab ID: 500850-018	Collected: 01/25/24 11:08
Matrix: Soil		

500850-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Arsenic	6.3		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Barium	69		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Chromium	21		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Cobalt	5.5		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Copper	32		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Lead	7.9		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Molybdenum	1.1		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Nickel	13		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.48	0.95	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	331639	01/29/24	01/30/24	SBW
Vanadium	42		mg/Kg	0.95	0.95	331639	01/29/24	01/30/24	SBW
Zinc	44		mg/Kg	4.8	0.95	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331596	01/28/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	10	1	331596	01/28/24	01/30/24	SME
ORO C28-C44	ND		mg/Kg	20	1	331596	01/28/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	119%		%REC	70-130	1	331596	01/28/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Aldrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Dieldrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
4,4'-DDE	10		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Endrin	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	1	331559	01/27/24	01/29/24	MTS

Analysis Results for 500850

500850-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331559	01/27/24	01/29/24	MTS
Toxaphene	ND		ug/Kg	100	1	331559	01/27/24	01/29/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Surrogates				Limits					
TCMX	63%		%REC	23-120	1	331559	01/27/24	01/29/24	MTS
Decachlorobiphenyl	52%		%REC	24-120	1	331559	01/27/24	01/29/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	01/29/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	47%		%REC	19-121	1	331559	01/27/24	01/29/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	96%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	101%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	106%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	96%	E	%REC	27-125	1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	82%	E	%REC	30-120	1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	90%	E	%REC	33-155	1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pyridine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Phenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Aniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331589	01/28/24	01/29/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Isophorone	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331589	01/28/24	01/29/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331589	01/28/24	01/29/24	TJW
Surrogates				Limits					
2-Fluorophenol	91%		%REC	29-120	1	331589	01/28/24	01/29/24	TJW
Phenol-d6	102%		%REC	30-120	1	331589	01/28/24	01/29/24	TJW
2,4,6-Tribromophenol	81%		%REC	32-120	1	331589	01/28/24	01/29/24	TJW
Nitrobenzene-d5	98%		%REC	33-120	1	331589	01/28/24	01/29/24	TJW
2-Fluorobiphenyl	95%		%REC	39-120	1	331589	01/28/24	01/29/24	TJW
Terphenyl-d14	99%		%REC	44-125	1	331589	01/28/24	01/29/24	TJW
Method: EPA 9045C									
pH	7.56		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.40		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH03-15.0	Lab ID: 500850-019	Collected: 01/25/24 11:12
Matrix: Soil		

500850-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Arsenic	4.3		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Barium	99		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Beryllium	0.50		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Cadmium	0.53		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Chromium	22		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Cobalt	6.4		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Copper	18		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Lead	17		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Molybdenum	1.0		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Nickel	17		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.48	0.96	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	331639	01/29/24	01/30/24	SBW
Vanadium	35		mg/Kg	0.96	0.96	331639	01/29/24	01/30/24	SBW
Zinc	60		mg/Kg	4.8	0.96	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331596	01/28/24	01/30/24	SME
DRO C10-C28	15		mg/Kg	10	1	331596	01/28/24	01/30/24	SME
ORO C28-C44	24		mg/Kg	20	1	331596	01/28/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	109%		%REC	70-130	1	331596	01/28/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
beta-BHC	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
gamma-BHC	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
delta-BHC	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Heptachlor	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Aldrin	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Endosulfan I	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Dieldrin	36		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
4,4'-DDE	49		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Endrin	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Endosulfan II	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
4,4'-DDD	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Endrin aldehyde	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
Endrin ketone	ND		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS
4,4'-DDT	8.5		ug/Kg	4.9	0.98	331559	01/27/24	01/29/24	MTS

Analysis Results for 500850

500850-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.8	0.98	331559	01/27/24	01/29/24	MTS
Toxaphene	ND		ug/Kg	98	0.98	331559	01/27/24	01/29/24	MTS
Chlordane (Technical)	90		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Surrogates				Limits					
TCMX	79%		%REC	23-120	0.98	331559	01/27/24	01/29/24	MTS
Decachlorobiphenyl	60%		%REC	24-120	0.98	331559	01/27/24	01/29/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Aroclor-1221	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Aroclor-1232	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Aroclor-1242	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Aroclor-1248	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Aroclor-1254	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Aroclor-1260	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Aroclor-1262	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Aroclor-1268	ND		ug/Kg	49	0.98	331559	01/27/24	01/29/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	54%		%REC	19-121	0.98	331559	01/27/24	01/29/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	94%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	99%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	105%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM
 Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
2-Methylnaphthalene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Naphthalene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Acenaphthylene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Acenaphthene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Fluorene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Phenanthrene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Fluoranthene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Pyrene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Benzo(a)anthracene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Chrysene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Benzo(a)pyrene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	51	5.1	331589	01/28/24	02/03/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	85%		%REC	27-125	5.1	331589	01/28/24	02/03/24	TJW
2-Fluorobiphenyl	80%		%REC	30-120	5.1	331589	01/28/24	02/03/24	TJW
Terphenyl-d14	79%		%REC	33-155	5.1	331589	01/28/24	02/03/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
1-Methylnaphthalene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Pyridine	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Phenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Aniline	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	6,100	5.1	331589	01/28/24	01/30/24	TJW
2-Chlorophenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Benzyl alcohol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2-Methylphenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
3-,4-Methylphenol	ND		ug/Kg	2,000	5.1	331589	01/28/24	01/30/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Hexachloroethane	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Nitrobenzene	ND		ug/Kg	6,100	5.1	331589	01/28/24	01/30/24	TJW
Isophorone	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2-Nitrophenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Benzoic acid	ND		ug/Kg	6,100	5.1	331589	01/28/24	01/30/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
4-Chloroaniline	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Hexachlorobutadiene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2-Methylnaphthalene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	6,100	5.1	331589	01/28/24	01/30/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2-Chloronaphthalene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2-Nitroaniline	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
3-Nitroaniline	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	6,100	5.1	331589	01/28/24	01/30/24	TJW
4-Nitrophenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Dibenzofuran	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Diethylphthalate	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
4-Nitroaniline	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Hexachlorobenzene	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Pentachlorophenol	ND		ug/Kg	6,100	5.1	331589	01/28/24	01/30/24	TJW
Di-n-butylphthalate	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Benzidine	ND		ug/Kg	6,100	5.1	331589	01/28/24	01/30/24	TJW
Butylbenzylphthalate	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	6,100	5.1	331589	01/28/24	01/30/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Di-n-octylphthalate	ND		ug/Kg	1,300	5.1	331589	01/28/24	01/30/24	TJW
Surrogates				Limits					
2-Fluorophenol	77%		%REC	29-120	5.1	331589	01/28/24	01/30/24	TJW
Phenol-d6	86%		%REC	30-120	5.1	331589	01/28/24	01/30/24	TJW
2,4,6-Tribromophenol	57%		%REC	32-120	5.1	331589	01/28/24	01/30/24	TJW
Nitrobenzene-d5	84%		%REC	33-120	5.1	331589	01/28/24	01/30/24	TJW
2-Fluorobiphenyl	73%		%REC	39-120	5.1	331589	01/28/24	01/30/24	TJW
Terphenyl-d14	72%		%REC	44-125	5.1	331589	01/28/24	01/30/24	TJW
Method: EPA 9045C									
pH	7.90		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	20.30		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH03-20.0	Lab ID: 500850-020	Collected: 01/25/24 11:15
Matrix: Soil		

500850-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Arsenic	5.4		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Barium	92		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Beryllium	ND		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Cadmium	3.2		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Chromium	29		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Cobalt	7.8		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Copper	21		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Lead	9.5		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Molybdenum	5.0		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Nickel	29		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Selenium	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Silver	ND		mg/Kg	0.50	1	331639	01/29/24	01/30/24	SBW
Thallium	ND		mg/Kg	3.0	1	331639	01/29/24	01/30/24	SBW
Vanadium	42		mg/Kg	1.0	1	331639	01/29/24	01/30/24	SBW
Zinc	76		mg/Kg	5.0	1	331639	01/29/24	01/30/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331663	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331596	01/28/24	01/30/24	SME
DRO C10-C28	20		mg/Kg	10	1	331596	01/28/24	01/30/24	SME
ORO C28-C44	29		mg/Kg	20	1	331596	01/28/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	106%		%REC	70-130	1	331596	01/28/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
beta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
gamma-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
delta-BHC	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Heptachlor	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Aldrin	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Heptachlor epoxide	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Endosulfan I	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Dieldrin	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
4,4'-DDE	29		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Endrin	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Endosulfan II	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Endosulfan sulfate	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
4,4'-DDD	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Endrin aldehyde	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
Endrin ketone	ND		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN
4,4'-DDT	12		ug/Kg	5.0	1	331559	01/27/24	02/03/24	TRN

Analysis Results for 500850

500850-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331559	01/27/24	02/03/24	TRN
Toxaphene	ND		ug/Kg	100	1	331559	01/27/24	02/03/24	TRN
Chlordane (Technical)	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN

Surrogates	Limits								
TCMX	73%		%REC	23-120	1	331559	01/27/24	02/03/24	TRN
Decachlorobiphenyl	71%		%REC	24-120	1	331559	01/27/24	02/03/24	TRN

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN
Aroclor-1221	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN
Aroclor-1232	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN
Aroclor-1242	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN
Aroclor-1248	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN
Aroclor-1254	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN
Aroclor-1260	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN
Aroclor-1262	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN
Aroclor-1268	ND		ug/Kg	50	1	331559	01/27/24	02/03/24	TRN

Surrogates	Limits								
Decachlorobiphenyl (PCB)	65%		%REC	19-121	1	331559	01/27/24	02/03/24	TRN

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	101%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	95%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	106%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Fluorene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Pyrene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Chrysene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	40	4	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	86%		%REC	27-125	4	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	78%		%REC	30-120	4	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	85%		%REC	33-155	4	332104	02/03/24	02/04/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
1-Methylnaphthalene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Pyridine	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Phenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Aniline	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	4,800	4	332104	02/03/24	02/04/24	TJW
2-Chlorophenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Benzyl alcohol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2-Methylphenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
3-,4-Methylphenol	ND		ug/Kg	1,600	4	332104	02/03/24	02/04/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Hexachloroethane	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Nitrobenzene	ND		ug/Kg	4,800	4	332104	02/03/24	02/04/24	TJW
Isophorone	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2-Nitrophenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Benzoic acid	ND		ug/Kg	4,800	4	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
4-Chloroaniline	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Hexachlorobutadiene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	4,800	4	332104	02/03/24	02/04/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2-Chloronaphthalene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2-Nitroaniline	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
3-Nitroaniline	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	4,800	4	332104	02/03/24	02/04/24	TJW
4-Nitrophenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Dibenzofuran	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Diethylphthalate	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
4-Nitroaniline	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Hexachlorobenzene	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Pentachlorophenol	ND		ug/Kg	4,800	4	332104	02/03/24	02/04/24	TJW
Di-n-butylphthalate	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Benzidine	ND		ug/Kg	4,800	4	332104	02/03/24	02/04/24	TJW
Butylbenzylphthalate	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	4,800	4	332104	02/03/24	02/04/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Di-n-octylphthalate	ND		ug/Kg	1,000	4	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
2-Fluorophenol	74%		%REC	29-120	4	332104	02/03/24	02/04/24	TJW
Phenol-d6	77%		%REC	30-120	4	332104	02/03/24	02/04/24	TJW
2,4,6-Tribromophenol	59%		%REC	32-120	4	332104	02/03/24	02/04/24	TJW
Nitrobenzene-d5	77%		%REC	33-120	4	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	80%		%REC	39-120	4	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	81%		%REC	44-125	4	332104	02/03/24	02/04/24	TJW
Method: EPA 9045C									
pH	7.30		SU		1	332084	02/02/24	02/02/24	ARM
Temperature	19.90		deg C	1.00	1	332084	02/02/24	02/02/24	ARM

Analysis Results for 500850

Sample ID: SPH03-25.0	Lab ID: 500850-021	Collected: 01/25/24 11:25
Matrix: Soil		

500850-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Arsenic	7.5		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Barium	130		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Cadmium	0.62		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Chromium	20		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Cobalt	7.3		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Copper	17		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Lead	13		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Molybdenum	2.1		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Nickel	20		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Vanadium	41		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Zinc	73		mg/Kg	5.0	0.99	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331693	01/30/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	10	1	331614	01/29/24	01/30/24	SME
ORO C28-C44	ND		mg/Kg	20	1	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	106%		%REC	70-130	1	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDE	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	100	1	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX	65%		%REC	23-120	1	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl	66%		%REC	24-120	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1254	230		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	93%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	99%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	102%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Fluorene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Chrysene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	99%	E	%REC	27-125	1	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	87%	E	%REC	30-120	1	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	94%	E	%REC	33-155	1	332104	02/03/24	02/04/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Pyridine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Phenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Aniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	332104	02/03/24	02/04/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Isophorone	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzidine	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
2-Fluorophenol	96%		%REC	29-120	1	332104	02/03/24	02/04/24	TJW
Phenol-d6	96%		%REC	30-120	1	332104	02/03/24	02/04/24	TJW
2,4,6-Tribromophenol	74%		%REC	32-120	1	332104	02/03/24	02/04/24	TJW
Nitrobenzene-d5	97%		%REC	33-120	1	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	95%		%REC	39-120	1	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	99%		%REC	44-125	1	332104	02/03/24	02/04/24	TJW
Method: EPA 9045C									
pH	8.14		SU		1	331598	01/28/24	02/05/24	EAP
Temperature	20.40		deg C	1.00	1	331598	01/28/24	02/05/24	EAP

Analysis Results for 500850

Sample ID: SPH03-30.0	Lab ID: 500850-022	Collected: 01/25/24 11:35
Matrix: Soil		

500850-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Arsenic	4.5		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Barium	79		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Chromium	16		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Cobalt	5.6		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Copper	13		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Lead	10		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Molybdenum	1.5		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Nickel	9.9		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Vanadium	31		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Zinc	40		mg/Kg	5.0	0.99	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.17	1.2	331693	01/30/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	20	2	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	20	2	331614	01/29/24	01/30/24	SME
ORO C28-C44	ND		mg/Kg	40	2	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	103%		%REC	70-130	2	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
4,4'-DDE	57		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX	73%		%REC	23-120	0.99	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl	72%		%REC	24-120	0.99	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	65%		%REC	19-121	0.99	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	104%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Fluorene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Chrysene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	105%		%REC	27-125	10	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	96%		%REC	30-120	10	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	101%		%REC	33-155	10	332104	02/03/24	02/04/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1-Methylnaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Pyridine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Phenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Aniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
2-Chlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzyl alcohol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3-,4-Methylphenol	ND		ug/Kg	4,000	10	332104	02/03/24	02/04/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachloroethane	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Nitrobenzene	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Isophorone	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Nitrophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzoic acid	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chloroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorobutadiene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Chloronaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
4-Nitrophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Dibenzofuran	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Diethylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Pentachlorophenol	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Di-n-butylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzidine	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Butylbenzylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Di-n-octylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
2-Fluorophenol	81%		%REC	29-120	10	332104	02/03/24	02/04/24	TJW
Phenol-d6	85%		%REC	30-120	10	332104	02/03/24	02/04/24	TJW
2,4,6-Tribromophenol	65%		%REC	32-120	10	332104	02/03/24	02/04/24	TJW
Nitrobenzene-d5	86%		%REC	33-120	10	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	88%		%REC	39-120	10	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	93%		%REC	44-125	10	332104	02/03/24	02/04/24	TJW
Method: EPA 9045C									
pH	7.99		SU		1	331598	01/28/24	02/05/24	EAP
Temperature	20.40		deg C	1.00	1	331598	01/28/24	02/05/24	EAP

Analysis Results for 500850

Sample ID: SPH03-30.0D	Lab ID: 500850-023	Collected: 01/25/24 11:36
Matrix: Soil		

500850-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	331603	01/29/24	01/29/24	SBW
Arsenic	2.7		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Barium	65		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Beryllium	ND		mg/Kg	0.48	0.96	331603	01/29/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	331603	01/29/24	01/29/24	SBW
Chromium	15		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Cobalt	6.1		mg/Kg	0.48	0.96	331603	01/29/24	01/29/24	SBW
Copper	11		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Lead	4.5		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Nickel	11		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.48	0.96	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	331603	01/29/24	01/29/24	SBW
Vanadium	32		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Zinc	47		mg/Kg	4.8	0.96	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331693	01/30/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331614	01/29/24	01/30/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	107%		%REC	70-130	0.99	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDE	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	100	1	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX	69%		%REC	23-120	1	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl	65%		%REC	24-120	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	93%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	104%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ

Method: EPA 8270C-SIM
 Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Fluorene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Chrysene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	101%	E	%REC	27-125	1	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	90%	E	%REC	30-120	1	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	92%	E	%REC	33-155	1	332104	02/03/24	02/04/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Pyridine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Phenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Aniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	332104	02/03/24	02/04/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Isophorone	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Benzidine	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	332104	02/03/24	02/04/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
2-Fluorophenol	96%		%REC	29-120	1	332104	02/03/24	02/04/24	TJW
Phenol-d6	96%		%REC	30-120	1	332104	02/03/24	02/04/24	TJW
2,4,6-Tribromophenol	72%		%REC	32-120	1	332104	02/03/24	02/04/24	TJW
Nitrobenzene-d5	94%		%REC	33-120	1	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	91%		%REC	39-120	1	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	97%		%REC	44-125	1	332104	02/03/24	02/04/24	TJW
Method: EPA 9045C									
pH	8.30		SU		1	331598	01/28/24	02/05/24	EAP
Temperature	20.50		deg C	1.00	1	331598	01/28/24	02/05/24	EAP

Analysis Results for 500850

Sample ID: SPH03-35.0	Lab ID: 500850-024	Collected: 01/25/24 11:45
Matrix: Soil		

500850-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Arsenic	7.2		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Barium	100		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Beryllium	0.52		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Chromium	19		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Cobalt	7.4		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Copper	21		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Lead	13		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Molybdenum	1.4		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Nickel	16		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Vanadium	36		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Zinc	72		mg/Kg	5.0	0.99	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331693	01/30/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	10	1	331614	01/29/24	01/30/24	SME
ORO C28-C44	22		mg/Kg	20	1	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	88%		%REC	70-130	1	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
4,4'-DDE	7.0	C	ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	0.99	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.9	0.99	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	99	0.99	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX	73%		%REC	23-120	0.99	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl	68%		%REC	24-120	0.99	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	50	0.99	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	0.99	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Acetone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331467	01/26/24	01/26/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ

Analysis Results for 500850

500850-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331467	01/26/24	01/26/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331467	01/26/24	01/26/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
1,2-Dichloroethane-d4	94%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Toluene-d8	98%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Bromofluorobenzene	104%		%REC	70-145	1	331467	01/26/24	01/26/24	LYZ
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Fluorene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Chrysene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	102%		%REC	27-125	10	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	93%		%REC	30-120	10	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	97%		%REC	33-155	10	332104	02/03/24	02/04/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1-Methylnaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Pyridine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Phenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Aniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
2-Chlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzyl alcohol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3-,4-Methylphenol	ND		ug/Kg	4,000	10	332104	02/03/24	02/04/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachloroethane	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Nitrobenzene	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Isophorone	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Nitrophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzoic acid	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chloroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorobutadiene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Chloronaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
4-Nitrophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Dibenzofuran	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Diethylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Pentachlorophenol	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Di-n-butylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzidine	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Butylbenzylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Di-n-octylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
2-Fluorophenol	77%		%REC	29-120	10	332104	02/03/24	02/04/24	TJW
Phenol-d6	83%		%REC	30-120	10	332104	02/03/24	02/04/24	TJW
2,4,6-Tribromophenol	63%		%REC	32-120	10	332104	02/03/24	02/04/24	TJW
Nitrobenzene-d5	84%		%REC	33-120	10	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	89%		%REC	39-120	10	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	92%		%REC	44-125	10	332104	02/03/24	02/04/24	TJW
Method: EPA 9045C									
pH	8.00		SU		1	331598	01/28/24	02/05/24	EAP
Temperature	20.50		deg C	1.00	1	331598	01/28/24	02/05/24	EAP

Analysis Results for 500850

Sample ID: SPH04-00.5	Lab ID: 500850-025	Collected: 01/25/24 13:18
Matrix: Soil		

500850-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Arsenic	4.9		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Barium	94		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Beryllium	0.55		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Chromium	19		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Cobalt	6.3		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Copper	16		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Lead	8.9		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Nickel	14		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Vanadium	35		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Zinc	59		mg/Kg	5.0	0.99	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	331693	01/30/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	20	2	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	20	2	331614	01/29/24	01/30/24	SME
ORO C28-C44	50		mg/Kg	40	2	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	110%		%REC	70-130	2	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDE	30		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDT	6.5		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	100	1	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX	66%		%REC	23-120	1	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl	57%		%REC	24-120	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	52%		%REC	19-121	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Acetone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ

Analysis Results for 500850

500850-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331552	01/27/24	01/27/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	99%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane-d4	95%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Toluene-d8	99%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Bromofluorobenzene	106%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Fluorene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Chrysene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	93%		%REC	27-125	10	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	84%		%REC	30-120	10	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	84%		%REC	33-155	10	332104	02/03/24	02/04/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1-Methylnaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Pyridine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Phenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Aniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
2-Chlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzyl alcohol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3-,4-Methylphenol	ND		ug/Kg	4,000	10	332104	02/03/24	02/04/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachloroethane	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Nitrobenzene	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Isophorone	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Nitrophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzoic acid	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chloroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorobutadiene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Chloronaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
4-Nitrophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Dibenzofuran	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Diethylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Pentachlorophenol	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Di-n-butylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzidine	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Butylbenzylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Di-n-octylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
2-Fluorophenol	71%		%REC	29-120	10	332104	02/03/24	02/04/24	TJW
Phenol-d6	70%		%REC	30-120	10	332104	02/03/24	02/04/24	TJW
2,4,6-Tribromophenol	52%		%REC	32-120	10	332104	02/03/24	02/04/24	TJW
Nitrobenzene-d5	69%		%REC	33-120	10	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	75%		%REC	39-120	10	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	80%		%REC	44-125	10	332104	02/03/24	02/04/24	TJW
Method: EPA 9045C									
pH	8.29		SU		1	331591	01/28/24	01/28/24	EAP
Temperature	20.30		deg C	1.00	1	331591	01/28/24	01/28/24	EAP

Analysis Results for 500850

Sample ID: SPH04-05.0	Lab ID: 500850-026	Collected: 01/25/24 13:20
Matrix: Soil		

500850-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	331603	01/29/24	01/29/24	SBW
Arsenic	2.6		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Barium	75		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Beryllium	0.58		mg/Kg	0.48	0.95	331603	01/29/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	331603	01/29/24	01/29/24	SBW
Chromium	15		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Cobalt	4.4		mg/Kg	0.48	0.95	331603	01/29/24	01/29/24	SBW
Copper	7.4		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Lead	4.7		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Nickel	9.1		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.48	0.95	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	331603	01/29/24	01/29/24	SBW
Vanadium	27		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Zinc	36		mg/Kg	4.8	0.95	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331693	01/30/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331614	01/29/24	01/30/24	SME
DRO C10-C28	12		mg/Kg	9.9	0.99	331614	01/29/24	01/30/24	SME
ORO C28-C44	30		mg/Kg	20	0.99	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	110%		%REC	70-130	0.99	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	100	1	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX	71%		%REC	23-120	1	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl	61%		%REC	24-120	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Acetone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ

Analysis Results for 500850

500850-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331552	01/27/24	01/27/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	97%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane-d4	95%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Toluene-d8	101%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Bromofluorobenzene	106%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Fluorene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Chrysene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	107%		%REC	27-125	10	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	98%		%REC	30-120	10	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	99%		%REC	33-155	10	332104	02/03/24	02/04/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1-Methylnaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Pyridine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Phenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Aniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
2-Chlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzyl alcohol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3-,4-Methylphenol	ND		ug/Kg	4,000	10	332104	02/03/24	02/04/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachloroethane	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Nitrobenzene	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Isophorone	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Nitrophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzoic acid	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chloroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorobutadiene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Chloronaphthalene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
4-Nitrophenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Dibenzofuran	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Diethylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Nitroaniline	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Hexachlorobenzene	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Pentachlorophenol	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Di-n-butylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Benzidine	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
Butylbenzylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	332104	02/03/24	02/04/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Di-n-octylphthalate	ND		ug/Kg	2,500	10	332104	02/03/24	02/04/24	TJW
Surrogates				Limits					
2-Fluorophenol	79%		%REC	29-120	10	332104	02/03/24	02/04/24	TJW
Phenol-d6	84%		%REC	30-120	10	332104	02/03/24	02/04/24	TJW
2,4,6-Tribromophenol	58%		%REC	32-120	10	332104	02/03/24	02/04/24	TJW
Nitrobenzene-d5	86%		%REC	33-120	10	332104	02/03/24	02/04/24	TJW
2-Fluorobiphenyl	92%		%REC	39-120	10	332104	02/03/24	02/04/24	TJW
Terphenyl-d14	99%		%REC	44-125	10	332104	02/03/24	02/04/24	TJW
Method: EPA 9045C									
pH	8.33		SU		1	331591	01/28/24	01/28/24	EAP
Temperature	20.40		deg C	1.00	1	331591	01/28/24	01/28/24	EAP

Analysis Results for 500850

Sample ID: SPH04-10.0	Lab ID: 500850-027	Collected: 01/25/24 13:22
Matrix: Soil		

500850-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	331603	01/29/24	01/29/24	SBW
Arsenic	6.3		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Barium	74		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Beryllium	ND		mg/Kg	0.48	0.96	331603	01/29/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	331603	01/29/24	01/29/24	SBW
Chromium	18		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Cobalt	4.1		mg/Kg	0.48	0.96	331603	01/29/24	01/29/24	SBW
Copper	15		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Lead	8.1		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Molybdenum	1.6		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Nickel	11		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.48	0.96	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	331603	01/29/24	01/29/24	SBW
Vanadium	30		mg/Kg	0.96	0.96	331603	01/29/24	01/29/24	SBW
Zinc	56		mg/Kg	4.8	0.96	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331693	01/30/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	50	5	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	50	5	331614	01/29/24	01/30/24	SME
ORO C28-C44	ND		mg/Kg	99	5	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	109%		%REC	70-130	5	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
4,4'-DDE	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	100	10	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	1,000	10	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	510	10	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX		DO	%REC	23-120	10	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl		DO	%REC	24-120	10	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Acetone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ

Analysis Results for 500850

500850-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331552	01/27/24	01/27/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	99%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane-d4	95%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Toluene-d8	98%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Bromofluorobenzene	107%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Naphthalene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Acenaphthylene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Acenaphthene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Fluorene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Phenanthrene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Fluoranthene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Pyrene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Chrysene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	400	40	331719	01/30/24	02/02/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	88%		%REC	27-125	40	331719	01/30/24	02/02/24	TJW
2-Fluorobiphenyl	88%		%REC	30-120	40	331719	01/30/24	02/02/24	TJW
Terphenyl-d14	89%		%REC	33-155	40	331719	01/30/24	02/02/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
1-Methylnaphthalene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Pyridine	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Phenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Aniline	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	48,000	40	331719	01/30/24	02/01/24	TJW
2-Chlorophenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Benzyl alcohol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2-Methylphenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
3-,4-Methylphenol	ND		ug/Kg	16,000	40	331719	01/30/24	02/01/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Hexachloroethane	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Nitrobenzene	ND		ug/Kg	48,000	40	331719	01/30/24	02/01/24	TJW
Isophorone	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2-Nitrophenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Benzoic acid	ND		ug/Kg	48,000	40	331719	01/30/24	02/01/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
4-Chloroaniline	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Hexachlorobutadiene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	48,000	40	331719	01/30/24	02/01/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2-Chloronaphthalene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2-Nitroaniline	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
3-Nitroaniline	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	48,000	40	331719	01/30/24	02/01/24	TJW
4-Nitrophenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Dibenzofuran	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Diethylphthalate	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
4-Nitroaniline	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Hexachlorobenzene	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Pentachlorophenol	ND		ug/Kg	48,000	40	331719	01/30/24	02/01/24	TJW
Di-n-butylphthalate	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Benzidine	ND		ug/Kg	48,000	40	331719	01/30/24	02/01/24	TJW
Butylbenzylphthalate	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	48,000	40	331719	01/30/24	02/01/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Di-n-octylphthalate	ND		ug/Kg	9,900	40	331719	01/30/24	02/01/24	TJW
Surrogates				Limits					
2-Fluorophenol	32%		%REC	29-120	40	331719	01/30/24	02/01/24	TJW
Phenol-d6	46%		%REC	30-120	40	331719	01/30/24	02/01/24	TJW
2,4,6-Tribromophenol	0%	*	%REC	32-120	40	331719	01/30/24	02/01/24	TJW
Nitrobenzene-d5	62%		%REC	33-120	40	331719	01/30/24	02/01/24	TJW
2-Fluorobiphenyl	82%		%REC	39-120	40	331719	01/30/24	02/01/24	TJW
Terphenyl-d14	87%		%REC	44-125	40	331719	01/30/24	02/01/24	TJW
Method: EPA 9045C									
pH	8.21		SU		1	331591	01/28/24	01/28/24	EAP
Temperature	20.50		deg C	1.00	1	331591	01/28/24	01/28/24	EAP

Analysis Results for 500850

Sample ID: SPH04-15.0	Lab ID: 500850-028	Collected: 01/25/24 13:26
Matrix: Soil		

500850-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	331603	01/29/24	01/29/24	SBW
Arsenic	4.5		mg/Kg	0.98	0.98	331603	01/29/24	01/29/24	SBW
Barium	100		mg/Kg	0.98	0.98	331603	01/29/24	01/29/24	SBW
Beryllium	ND		mg/Kg	0.49	0.98	331603	01/29/24	01/29/24	SBW
Cadmium	0.74		mg/Kg	0.49	0.98	331603	01/29/24	01/29/24	SBW
Chromium	17		mg/Kg	0.98	0.98	331603	01/29/24	01/29/24	SBW
Cobalt	5.5		mg/Kg	0.49	0.98	331603	01/29/24	01/29/24	SBW
Copper	13		mg/Kg	0.98	0.98	331603	01/29/24	01/29/24	SBW
Lead	110		mg/Kg	0.98	0.98	331603	01/29/24	01/29/24	SBW
Molybdenum	2.7		mg/Kg	0.98	0.98	331603	01/29/24	01/29/24	SBW
Nickel	18		mg/Kg	0.98	0.98	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.49	0.98	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	331603	01/29/24	01/29/24	SBW
Vanadium	33		mg/Kg	0.98	0.98	331603	01/29/24	01/29/24	SBW
Zinc	50		mg/Kg	4.9	0.98	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331613	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	50	5	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	50	5	331614	01/29/24	01/30/24	SME
ORO C28-C44	140		mg/Kg	100	5	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	125%		%REC	70-130	5	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
4,4'-DDE	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	51	10	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	100	10	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	1,000	10	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	510	10	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX		DO	%REC	23-120	10	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl		DO	%REC	24-120	10	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Acetone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ

Analysis Results for 500850

500850-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331552	01/27/24	01/27/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane-d4	93%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Toluene-d8	98%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Bromofluorobenzene	108%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Naphthalene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Acenaphthylene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Acenaphthene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Fluorene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Phenanthrene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Fluoranthene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Pyrene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Chrysene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	500	50	331719	01/30/24	02/02/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	85%		%REC	27-125	50	331719	01/30/24	02/02/24	TJW
2-Fluorobiphenyl	84%		%REC	30-120	50	331719	01/30/24	02/02/24	TJW
Terphenyl-d14	84%		%REC	33-155	50	331719	01/30/24	02/02/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
1-Methylnaphthalene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Pyridine	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Phenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Aniline	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	60,000	50	331719	01/30/24	02/01/24	TJW
2-Chlorophenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Benzyl alcohol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2-Methylphenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
3-,4-Methylphenol	ND		ug/Kg	20,000	50	331719	01/30/24	02/01/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Hexachloroethane	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Nitrobenzene	ND		ug/Kg	60,000	50	331719	01/30/24	02/01/24	TJW
Isophorone	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2-Nitrophenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Benzoic acid	ND		ug/Kg	60,000	50	331719	01/30/24	02/01/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
4-Chloroaniline	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Hexachlorobutadiene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	60,000	50	331719	01/30/24	02/01/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2-Chloronaphthalene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2-Nitroaniline	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
3-Nitroaniline	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	60,000	50	331719	01/30/24	02/01/24	TJW
4-Nitrophenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Dibenzofuran	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Diethylphthalate	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
4-Nitroaniline	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Hexachlorobenzene	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Pentachlorophenol	ND		ug/Kg	60,000	50	331719	01/30/24	02/01/24	TJW
Di-n-butylphthalate	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Benzidine	ND		ug/Kg	60,000	50	331719	01/30/24	02/01/24	TJW
Butylbenzylphthalate	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	60,000	50	331719	01/30/24	02/01/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Di-n-octylphthalate	ND		ug/Kg	13,000	50	331719	01/30/24	02/01/24	TJW
Surrogates				Limits					
2-Fluorophenol		DO	%REC	29-120	50	331719	01/30/24	02/01/24	TJW
Phenol-d6		DO	%REC	30-120	50	331719	01/30/24	02/01/24	TJW
2,4,6-Tribromophenol		DO	%REC	32-120	50	331719	01/30/24	02/01/24	TJW
Nitrobenzene-d5		DO	%REC	33-120	50	331719	01/30/24	02/01/24	TJW
2-Fluorobiphenyl		DO	%REC	39-120	50	331719	01/30/24	02/01/24	TJW
Terphenyl-d14		DO	%REC	44-125	50	331719	01/30/24	02/01/24	TJW
Method: EPA 9045C									
	pH	8.42	SU		1	331591	01/28/24	01/28/24	EAP
	Temperature	20.60	deg C	1.00	1	331591	01/28/24	01/28/24	EAP

Analysis Results for 500850

Sample ID: SPH04-20.0	Lab ID: 500850-029	Collected: 01/25/24 13:30
Matrix: Soil		

500850-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Arsenic	5.5		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Barium	110		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Beryllium	0.57		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Chromium	19		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Cobalt	6.2		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Copper	9.9		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Lead	7.5		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Nickel	12		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.50	0.99	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	331603	01/29/24	01/29/24	SBW
Vanadium	43		mg/Kg	0.99	0.99	331603	01/29/24	01/29/24	SBW
Zinc	58		mg/Kg	5.0	0.99	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331613	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	10	1	331614	01/29/24	01/30/24	SME
ORO C28-C44	ND		mg/Kg	20	1	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	118%		%REC	70-130	1	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDE	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	5.1	1	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	100	1	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX	59%		%REC	23-120	1	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl	51%		%REC	24-120	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	51	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	48%		%REC	19-121	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Acetone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ

Analysis Results for 500850

500850-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331552	01/27/24	01/27/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	99%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane-d4	96%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Toluene-d8	99%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Bromofluorobenzene	107%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Naphthalene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Fluorene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Pyrene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Chrysene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	80%	E	%REC	27-125	1	331719	01/30/24	02/02/24	TJW
2-Fluorobiphenyl	70%	E	%REC	30-120	1	331719	01/30/24	02/02/24	TJW
Terphenyl-d14	80%	E	%REC	33-155	1	331719	01/30/24	02/02/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Pyridine	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Phenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Aniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331719	01/30/24	02/01/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
Isophorone	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Surrogates				Limits					
2-Fluorophenol	78%		%REC	29-120	1	331719	01/30/24	02/01/24	TJW
Phenol-d6	76%		%REC	30-120	1	331719	01/30/24	02/01/24	TJW
2,4,6-Tribromophenol	59%		%REC	32-120	1	331719	01/30/24	02/01/24	TJW
Nitrobenzene-d5	78%		%REC	33-120	1	331719	01/30/24	02/01/24	TJW
2-Fluorobiphenyl	74%		%REC	39-120	1	331719	01/30/24	02/01/24	TJW
Terphenyl-d14	77%		%REC	44-125	1	331719	01/30/24	02/01/24	TJW
Method: EPA 9045C									
pH	8.04		SU		1	331598	01/28/24	02/05/24	EAP
Temperature	20.50		deg C	1.00	1	331598	01/28/24	02/05/24	EAP

Analysis Results for 500850

Sample ID: SPH04-25.0	Lab ID: 500850-030	Collected: 01/25/24 13:40
Matrix: Soil		

500850-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	331603	01/29/24	01/29/24	SBW
Arsenic	6.9		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Barium	88		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Beryllium	ND		mg/Kg	0.48	0.95	331603	01/29/24	01/29/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	331603	01/29/24	01/29/24	SBW
Chromium	12		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Cobalt	4.2		mg/Kg	0.48	0.95	331603	01/29/24	01/29/24	SBW
Copper	5.9		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Lead	5.3		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Nickel	7.1		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	331603	01/29/24	01/29/24	SBW
Silver	ND		mg/Kg	0.48	0.95	331603	01/29/24	01/29/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	331603	01/29/24	01/29/24	SBW
Vanadium	21		mg/Kg	0.95	0.95	331603	01/29/24	01/29/24	SBW
Zinc	28		mg/Kg	4.8	0.95	331603	01/29/24	01/29/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331613	01/29/24	01/30/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331614	01/29/24	01/30/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331614	01/29/24	01/30/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331614	01/29/24	01/30/24	SME
Surrogates				Limits					
n-Triacontane	86%		%REC	70-130	0.99	331614	01/29/24	01/30/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
beta-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
gamma-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
delta-BHC	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Heptachlor	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Aldrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan I	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Dieldrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDE	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan II	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDD	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin aldehyde	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
Endrin ketone	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS
4,4'-DDT	ND		ug/Kg	5.0	1	331749	01/30/24	01/31/24	MTS

Analysis Results for 500850

500850-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331749	01/30/24	01/31/24	MTS
Toxaphene	ND		ug/Kg	100	1	331749	01/30/24	01/31/24	MTS
Chlordane (Technical)	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
TCMX	72%		%REC	23-120	1	331749	01/30/24	01/31/24	MTS
Decachlorobiphenyl	61%		%REC	24-120	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1221	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1232	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1242	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1248	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1254	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1260	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1262	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Aroclor-1268	ND		ug/Kg	50	1	331749	01/30/24	01/31/24	MTS
Surrogates				Limits					
Decachlorobiphenyl (PCB)	55%		%REC	19-121	1	331749	01/30/24	01/31/24	MTS
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Acetone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ

Analysis Results for 500850

500850-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331552	01/27/24	01/27/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	101%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Toluene-d8	100%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Bromofluorobenzene	106%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Naphthalene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Acenaphthene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Fluorene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Phenanthrene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Fluoranthene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Pyrene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Chrysene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	331719	01/30/24	02/02/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	76%	E	%REC	27-125	1	331719	01/30/24	02/02/24	TJW
2-Fluorobiphenyl	74%	E	%REC	30-120	1	331719	01/30/24	02/02/24	TJW
Terphenyl-d14	76%	E	%REC	33-155	1	331719	01/30/24	02/02/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Pyridine	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Phenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Aniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	331719	01/30/24	02/01/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
Isophorone	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Benzidine	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	331719	01/30/24	02/01/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	331719	01/30/24	02/01/24	TJW
Surrogates				Limits					
2-Fluorophenol	80%		%REC	29-120	1	331719	01/30/24	02/01/24	TJW
Phenol-d6	83%		%REC	30-120	1	331719	01/30/24	02/01/24	TJW
2,4,6-Tribromophenol	66%		%REC	32-120	1	331719	01/30/24	02/01/24	TJW
Nitrobenzene-d5	80%		%REC	33-120	1	331719	01/30/24	02/01/24	TJW
2-Fluorobiphenyl	80%		%REC	39-120	1	331719	01/30/24	02/01/24	TJW
Terphenyl-d14	84%		%REC	44-125	1	331719	01/30/24	02/01/24	TJW
Method: EPA 9045C									
pH	8.08		SU		1	331598	01/28/24	02/05/24	EAP
Temperature	20.50		deg C	1.00	1	331598	01/28/24	02/05/24	EAP

Analysis Results for 500850

Sample ID: SPH03-40.0	Lab ID: 500850-031	Collected: 01/25/24 11:15
Matrix: Soil		

500850-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	331857	01/31/24	02/01/24	SBW
Arsenic	3.6		mg/Kg	0.96	0.96	331857	01/31/24	02/01/24	SBW
Barium	76		mg/Kg	0.96	0.96	331857	01/31/24	02/01/24	SBW
Beryllium	ND		mg/Kg	0.48	0.96	331857	01/31/24	02/01/24	SBW
Cadmium	ND		mg/Kg	0.48	0.96	331857	01/31/24	02/01/24	SBW
Chromium	35		mg/Kg	0.96	0.96	331857	01/31/24	02/01/24	SBW
Cobalt	10		mg/Kg	0.48	0.96	331857	01/31/24	02/01/24	SBW
Copper	25		mg/Kg	0.96	0.96	331857	01/31/24	02/01/24	SBW
Lead	6.0		mg/Kg	0.96	0.96	331857	01/31/24	02/01/24	SBW
Molybdenum	ND		mg/Kg	0.96	0.96	331857	01/31/24	02/01/24	SBW
Nickel	26		mg/Kg	0.96	0.96	331857	01/31/24	02/01/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	331857	01/31/24	02/01/24	SBW
Silver	ND		mg/Kg	0.48	0.96	331857	01/31/24	02/01/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	331857	01/31/24	02/01/24	SBW
Vanadium	57		mg/Kg	0.96	0.96	331857	01/31/24	02/01/24	SBW
Zinc	43		mg/Kg	4.8	0.96	331857	01/31/24	02/01/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	331859	01/31/24	02/03/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331840	01/31/24	01/31/24	SME
DRO C10-C28	22		mg/Kg	9.9	0.99	331840	01/31/24	01/31/24	SME
ORO C28-C44	59		mg/Kg	20	0.99	331840	01/31/24	01/31/24	SME
Surrogates				Limits					
n-Triacontane	115%		%REC	70-130	0.99	331840	01/31/24	01/31/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
beta-BHC	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
gamma-BHC	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
delta-BHC	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Heptachlor	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Aldrin	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Endosulfan I	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Dieldrin	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
4,4'-DDE	17		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Endrin	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Endosulfan II	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
4,4'-DDD	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Endrin aldehyde	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
Endrin ketone	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN
4,4'-DDT	ND		ug/Kg	4.9	0.98	331910	02/01/24	02/02/24	TRN

Analysis Results for 500850

500850-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.8	0.98	331910	02/01/24	02/02/24	TRN
Toxaphene	ND		ug/Kg	98	0.98	331910	02/01/24	02/02/24	TRN
Chlordane (Technical)	270		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Surrogates				Limits					
TCMX	79%		%REC	23-120	0.98	331910	02/01/24	02/02/24	TRN
Decachlorobiphenyl	61%		%REC	24-120	0.98	331910	02/01/24	02/02/24	TRN
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Aroclor-1221	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Aroclor-1232	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Aroclor-1242	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Aroclor-1248	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Aroclor-1254	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Aroclor-1260	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Aroclor-1262	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Aroclor-1268	ND		ug/Kg	49	0.98	331910	02/01/24	02/02/24	TRN
Surrogates				Limits					
Decachlorobiphenyl (PCB)	57%		%REC	19-121	0.98	331910	02/01/24	02/02/24	TRN
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Acetone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ

Analysis Results for 500850

500850-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331552	01/27/24	01/27/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	96%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane-d4	92%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Toluene-d8	101%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Bromofluorobenzene	107%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Fluorene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Pyrene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Chrysene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	25	332070	02/02/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	100%		%REC	27-125	25	332070	02/02/24	02/04/24	TJW
2-Fluorobiphenyl	91%		%REC	30-120	25	332070	02/02/24	02/04/24	TJW
Terphenyl-d14	102%		%REC	33-155	25	332070	02/02/24	02/04/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
1-Methylnaphthalene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Pyridine	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Phenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Aniline	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	30,000	25	332070	02/02/24	02/05/24	TJW
2-Chlorophenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Benzyl alcohol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2-Methylphenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
3-,4-Methylphenol	ND		ug/Kg	10,000	25	332070	02/02/24	02/05/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Hexachloroethane	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Nitrobenzene	ND		ug/Kg	30,000	25	332070	02/02/24	02/05/24	TJW
Isophorone	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2-Nitrophenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Benzoic acid	ND		ug/Kg	30,000	25	332070	02/02/24	02/05/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
4-Chloroaniline	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Hexachlorobutadiene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2-Methylnaphthalene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	30,000	25	332070	02/02/24	02/05/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2-Chloronaphthalene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2-Nitroaniline	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
3-Nitroaniline	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	30,000	25	332070	02/02/24	02/05/24	TJW
4-Nitrophenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Dibenzofuran	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Diethylphthalate	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
4-Nitroaniline	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Hexachlorobenzene	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Pentachlorophenol	ND		ug/Kg	30,000	25	332070	02/02/24	02/05/24	TJW
Di-n-butylphthalate	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Benzidine	ND		ug/Kg	30,000	25	332070	02/02/24	02/05/24	TJW
Butylbenzylphthalate	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	30,000	25	332070	02/02/24	02/05/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Di-n-octylphthalate	ND		ug/Kg	6,300	25	332070	02/02/24	02/05/24	TJW
Surrogates				Limits					
2-Fluorophenol	54%		%REC	29-120	25	332070	02/02/24	02/05/24	TJW
Phenol-d6	45%		%REC	30-120	25	332070	02/02/24	02/05/24	TJW
2,4,6-Tribromophenol	45%		%REC	32-120	25	332070	02/02/24	02/05/24	TJW
Nitrobenzene-d5	64%		%REC	33-120	25	332070	02/02/24	02/05/24	TJW
2-Fluorobiphenyl	81%		%REC	39-120	25	332070	02/02/24	02/05/24	TJW
Terphenyl-d14	84%		%REC	44-125	25	332070	02/02/24	02/05/24	TJW
Method: EPA 9045C									
pH	8.12		SU		1	332145	02/03/24	02/03/24	EAP
Temperature	20.90		deg C	1.00	1	332145	02/03/24	02/03/24	EAP

Analysis Results for 500850

Sample ID: SPH03-45.0	Lab ID: 500850-032	Collected: 01/25/24 12:07
Matrix: Soil		

500850-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	331857	01/31/24	02/01/24	SBW
Arsenic	5.1		mg/Kg	0.98	0.98	331857	01/31/24	02/01/24	SBW
Barium	110		mg/Kg	0.98	0.98	331857	01/31/24	02/01/24	SBW
Beryllium	ND		mg/Kg	0.49	0.98	331857	01/31/24	02/01/24	SBW
Cadmium	ND		mg/Kg	0.49	0.98	331857	01/31/24	02/01/24	SBW
Chromium	29		mg/Kg	0.98	0.98	331857	01/31/24	02/01/24	SBW
Cobalt	8.9		mg/Kg	0.49	0.98	331857	01/31/24	02/01/24	SBW
Copper	22		mg/Kg	0.98	0.98	331857	01/31/24	02/01/24	SBW
Lead	6.6		mg/Kg	0.98	0.98	331857	01/31/24	02/01/24	SBW
Molybdenum	2.7		mg/Kg	0.98	0.98	331857	01/31/24	02/01/24	SBW
Nickel	17		mg/Kg	0.98	0.98	331857	01/31/24	02/01/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	331857	01/31/24	02/01/24	SBW
Silver	ND		mg/Kg	0.49	0.98	331857	01/31/24	02/01/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	331857	01/31/24	02/01/24	SBW
Vanadium	51		mg/Kg	0.98	0.98	331857	01/31/24	02/01/24	SBW
Zinc	56		mg/Kg	4.9	0.98	331857	01/31/24	02/01/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	331859	01/31/24	02/03/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	331840	01/31/24	01/31/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	331840	01/31/24	01/31/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	331840	01/31/24	01/31/24	SME
Surrogates				Limits					
n-Triacontane	115%		%REC	70-130	0.99	331840	01/31/24	01/31/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
beta-BHC	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
gamma-BHC	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
delta-BHC	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Heptachlor	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Aldrin	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Heptachlor epoxide	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Endosulfan I	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Dieldrin	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
4,4'-DDE	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Endrin	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Endosulfan II	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Endosulfan sulfate	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
4,4'-DDD	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Endrin aldehyde	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
Endrin ketone	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN
4,4'-DDT	ND		ug/Kg	5.1	1	331910	02/01/24	02/02/24	TRN

Analysis Results for 500850

500850-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	331910	02/01/24	02/02/24	TRN
Toxaphene	ND		ug/Kg	100	1	331910	02/01/24	02/02/24	TRN
Chlordane (Technical)	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Surrogates				Limits					
TCMX	82%		%REC	23-120	1	331910	02/01/24	02/02/24	TRN
Decachlorobiphenyl	64%		%REC	24-120	1	331910	02/01/24	02/02/24	TRN
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Aroclor-1221	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Aroclor-1232	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Aroclor-1242	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Aroclor-1248	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Aroclor-1254	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Aroclor-1260	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Aroclor-1262	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Aroclor-1268	ND		ug/Kg	51	1	331910	02/01/24	02/02/24	TRN
Surrogates				Limits					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	1	331910	02/01/24	02/02/24	TRN
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Freon 12	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Acetone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
Freon 113	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Methylene Chloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
MTBE	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Butanone	ND		ug/Kg	100	1	331552	01/27/24	01/27/24	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chloroform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Benzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Trichloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromomethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ

Analysis Results for 500850

500850-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Chlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Ethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	331552	01/27/24	01/27/24	LYZ
o-Xylene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Styrene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromoform	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Propylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Bromobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Naphthalene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Xylene (total)	ND		ug/Kg	5.0	1	331552	01/27/24	01/27/24	LYZ
Surrogates				Limits					
Dibromofluoromethane	100%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
1,2-Dichloroethane-d4	94%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Toluene-d8	99%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ
Bromofluorobenzene	106%		%REC	70-145	1	331552	01/27/24	01/27/24	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Naphthalene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Acenaphthene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Fluorene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Phenanthrene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Fluoranthene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Pyrene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Chrysene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	332070	02/02/24	02/04/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	91%	E	%REC	27-125	1	332070	02/02/24	02/04/24	TJW
2-Fluorobiphenyl	79%	E	%REC	30-120	1	332070	02/02/24	02/04/24	TJW
Terphenyl-d14	99%	E	%REC	33-155	1	332070	02/02/24	02/04/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Pyridine	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Phenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Aniline	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	332070	02/02/24	02/05/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	332070	02/02/24	02/05/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	332070	02/02/24	02/05/24	TJW
Isophorone	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	332070	02/02/24	02/05/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	332070	02/02/24	02/05/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 500850

500850-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	332070	02/02/24	02/05/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	332070	02/02/24	02/05/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Benzidine	ND		ug/Kg	1,200	1	332070	02/02/24	02/05/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	332070	02/02/24	02/05/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	332070	02/02/24	02/05/24	TJW
Surrogates				Limits					
2-Fluorophenol	75%		%REC	29-120	1	332070	02/02/24	02/05/24	TJW
Phenol-d6	76%		%REC	30-120	1	332070	02/02/24	02/05/24	TJW
2,4,6-Tribromophenol	67%		%REC	32-120	1	332070	02/02/24	02/05/24	TJW
Nitrobenzene-d5	75%		%REC	33-120	1	332070	02/02/24	02/05/24	TJW
2-Fluorobiphenyl	80%		%REC	39-120	1	332070	02/02/24	02/05/24	TJW
Terphenyl-d14	89%		%REC	44-125	1	332070	02/02/24	02/05/24	TJW
Method: EPA 9045C									
pH	8.07		SU		1	332145	02/03/24	02/03/24	EAP
Temperature	20.90		deg C	1.00	1	332145	02/03/24	02/03/24	EAP

* Value is outside QC limits
 C Presence confirmed, but RPD between columns exceeds 40%
 DO Diluted Out
 E Response exceeds instrument's linear range
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1123667	Batch: 331603
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123667 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	01/29/24	01/29/24
Arsenic	ND		mg/Kg	1.0	01/29/24	01/29/24
Barium	ND		mg/Kg	1.0	01/29/24	01/29/24
Beryllium	ND		mg/Kg	0.50	01/29/24	01/29/24
Cadmium	ND		mg/Kg	0.50	01/29/24	01/29/24
Chromium	ND		mg/Kg	1.0	01/29/24	01/29/24
Cobalt	ND		mg/Kg	0.50	01/29/24	01/29/24
Copper	ND		mg/Kg	1.0	01/29/24	01/29/24
Lead	ND		mg/Kg	1.0	01/29/24	01/29/24
Molybdenum	ND		mg/Kg	1.0	01/29/24	01/29/24
Nickel	ND		mg/Kg	1.0	01/29/24	01/29/24
Selenium	ND		mg/Kg	3.0	01/29/24	01/29/24
Silver	ND		mg/Kg	0.50	01/29/24	01/29/24
Thallium	ND		mg/Kg	3.0	01/29/24	01/29/24
Vanadium	ND		mg/Kg	1.0	01/29/24	01/29/24
Zinc	ND		mg/Kg	5.0	01/29/24	01/29/24

Type: Lab Control Sample	Lab ID: QC1123668	Batch: 331603
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123668 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	90.54	100.0	mg/Kg	91%		80-120
Arsenic	88.84	100.0	mg/Kg	89%		80-120
Barium	96.76	100.0	mg/Kg	97%		80-120
Beryllium	90.15	100.0	mg/Kg	90%		80-120
Cadmium	89.70	100.0	mg/Kg	90%		80-120
Chromium	94.97	100.0	mg/Kg	95%		80-120
Cobalt	100.9	100.0	mg/Kg	101%		80-120
Copper	91.21	100.0	mg/Kg	91%		80-120
Lead	103.7	100.0	mg/Kg	104%		80-120
Molybdenum	90.25	100.0	mg/Kg	90%		80-120
Nickel	101.0	100.0	mg/Kg	101%		80-120
Selenium	84.90	100.0	mg/Kg	85%		80-120
Silver	43.74	50.00	mg/Kg	87%		80-120
Thallium	101.2	100.0	mg/Kg	101%		80-120
Vanadium	90.51	100.0	mg/Kg	91%		80-120
Zinc	103.3	100.0	mg/Kg	103%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1123669	Batch: 331603
Matrix (Source ID): Soil (500850-021)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123669 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	36.57	ND	98.04	mg/Kg	37%	*	75-125	0.98
Arsenic	98.99	7.495	98.04	mg/Kg	93%		75-125	0.98
Barium	215.7	125.7	98.04	mg/Kg	92%		75-125	0.98
Beryllium	91.67	0.4939	98.04	mg/Kg	93%		75-125	0.98
Cadmium	91.53	0.6243	98.04	mg/Kg	93%		75-125	0.98
Chromium	117.8	20.48	98.04	mg/Kg	99%		75-125	0.98
Cobalt	103.3	7.321	98.04	mg/Kg	98%		75-125	0.98
Copper	112.0	17.36	98.04	mg/Kg	96%		75-125	0.98
Lead	111.0	12.51	98.04	mg/Kg	100%		75-125	0.98
Molybdenum	88.77	2.126	98.04	mg/Kg	88%		75-125	0.98
Nickel	117.6	20.20	98.04	mg/Kg	99%		75-125	0.98
Selenium	85.07	ND	98.04	mg/Kg	87%		75-125	0.98
Silver	43.74	ND	49.02	mg/Kg	89%		75-125	0.98
Thallium	97.93	1.399	98.04	mg/Kg	98%		75-125	0.98
Vanadium	142.0	41.02	98.04	mg/Kg	103%		75-125	0.98
Zinc	171.3	73.39	98.04	mg/Kg	100%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1123670	Batch: 331603
Matrix (Source ID): Soil (500850-021)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123670 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	37.13	ND	99.01	mg/Kg	38%	*	75-125	1	41	0.99
Arsenic	99.26	7.495	99.01	mg/Kg	93%		75-125	1	35	0.99
Barium	214.0	125.7	99.01	mg/Kg	89%		75-125	1	20	0.99
Beryllium	91.54	0.4939	99.01	mg/Kg	92%		75-125	1	20	0.99
Cadmium	91.32	0.6243	99.01	mg/Kg	92%		75-125	1	20	0.99
Chromium	117.1	20.48	99.01	mg/Kg	98%		75-125	1	20	0.99
Cobalt	103.3	7.321	99.01	mg/Kg	97%		75-125	1	20	0.99
Copper	108.7	17.36	99.01	mg/Kg	92%		75-125	4	20	0.99
Lead	109.6	12.51	99.01	mg/Kg	98%		75-125	2	20	0.99
Molybdenum	88.62	2.126	99.01	mg/Kg	87%		75-125	1	20	0.99
Nickel	118.6	20.20	99.01	mg/Kg	99%		75-125	0	20	0.99
Selenium	85.45	ND	99.01	mg/Kg	86%		75-125	1	20	0.99
Silver	42.69	ND	49.50	mg/Kg	86%		75-125	3	20	0.99
Thallium	98.21	1.399	99.01	mg/Kg	98%		75-125	1	20	0.99
Vanadium	140.9	41.02	99.01	mg/Kg	101%		75-125	1	20	0.99
Zinc	176.2	73.39	99.01	mg/Kg	104%		75-125	2	20	0.99

Batch QC

Type: Post Digest Spike	Lab ID: QC1123671	Batch: 331603
Matrix (Source ID): Soil (500850-021)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123671 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	98.60	ND	99.01	mg/Kg	100%		75-125	0.99
Arsenic	100.4	7.495	99.01	mg/Kg	94%		75-125	0.99
Barium	209.9	125.7	99.01	mg/Kg	85%		75-125	0.99
Beryllium	93.16	0.4939	99.01	mg/Kg	94%		75-125	0.99
Cadmium	93.63	0.6243	99.01	mg/Kg	94%		75-125	0.99
Chromium	114.9	20.48	99.01	mg/Kg	95%		75-125	0.99
Cobalt	105.8	7.321	99.01	mg/Kg	99%		75-125	0.99
Copper	109.6	17.36	99.01	mg/Kg	93%		75-125	0.99
Lead	112.8	12.51	99.01	mg/Kg	101%		75-125	0.99
Molybdenum	96.95	2.126	99.01	mg/Kg	96%		75-125	0.99
Nickel	117.6	20.20	99.01	mg/Kg	98%		75-125	0.99
Selenium	90.50	ND	99.01	mg/Kg	91%		75-125	0.99
Silver	44.59	ND	49.50	mg/Kg	90%		75-125	0.99
Thallium	102.7	1.399	99.01	mg/Kg	102%		75-125	0.99
Vanadium	131.1	41.02	99.01	mg/Kg	91%		75-125	0.99
Zinc	174.2	73.39	99.01	mg/Kg	102%		75-125	0.99

Type: Blank	Lab ID: QC1123814	Batch: 331639
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123814 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	01/29/24	01/30/24
Arsenic	ND		mg/Kg	1.0	01/29/24	01/30/24
Barium	ND		mg/Kg	1.0	01/29/24	01/30/24
Beryllium	ND		mg/Kg	0.50	01/29/24	01/30/24
Cadmium	ND		mg/Kg	0.50	01/29/24	01/30/24
Chromium	ND		mg/Kg	1.0	01/29/24	01/30/24
Cobalt	ND		mg/Kg	0.50	01/29/24	01/30/24
Copper	ND		mg/Kg	1.0	01/29/24	01/30/24
Lead	ND		mg/Kg	1.0	01/29/24	01/30/24
Molybdenum	ND		mg/Kg	1.0	01/29/24	01/30/24
Nickel	ND		mg/Kg	1.0	01/29/24	01/30/24
Selenium	ND		mg/Kg	3.0	01/29/24	01/30/24
Silver	ND		mg/Kg	0.50	01/29/24	01/30/24
Thallium	ND		mg/Kg	3.0	01/29/24	01/30/24
Vanadium	ND		mg/Kg	1.0	01/29/24	01/30/24
Zinc	ND		mg/Kg	5.0	01/29/24	01/30/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1123815	Batch: 331639
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123815 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	98.97	100.0	mg/Kg	99%		80-120
Arsenic	96.58	100.0	mg/Kg	97%		80-120
Barium	106.9	100.0	mg/Kg	107%		80-120
Beryllium	104.6	100.0	mg/Kg	105%		80-120
Cadmium	100.5	100.0	mg/Kg	100%		80-120
Chromium	104.4	100.0	mg/Kg	104%		80-120
Cobalt	108.2	100.0	mg/Kg	108%		80-120
Copper	100.6	100.0	mg/Kg	101%		80-120
Lead	108.8	100.0	mg/Kg	109%		80-120
Molybdenum	100.5	100.0	mg/Kg	100%		80-120
Nickel	107.3	100.0	mg/Kg	107%		80-120
Selenium	92.32	100.0	mg/Kg	92%		80-120
Silver	48.11	50.00	mg/Kg	96%		80-120
Thallium	109.0	100.0	mg/Kg	109%		80-120
Vanadium	95.43	100.0	mg/Kg	95%		80-120
Zinc	104.0	100.0	mg/Kg	104%		80-120

Type: Matrix Spike	Lab ID: QC1123816	Batch: 331639
Matrix (Source ID): Soil (500850-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123816 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	30.20	ND	98.04	mg/Kg	31%	*	75-125	0.98
Arsenic	99.12	11.44	98.04	mg/Kg	89%		75-125	0.98
Barium	204.9	127.1	98.04	mg/Kg	79%		75-125	0.98
Beryllium	92.96	0.4921	98.04	mg/Kg	94%		75-125	0.98
Cadmium	92.22	1.154	98.04	mg/Kg	93%		75-125	0.98
Chromium	110.0	18.85	98.04	mg/Kg	93%		75-125	0.98
Cobalt	98.59	5.562	98.04	mg/Kg	95%		75-125	0.98
Copper	107.8	18.14	98.04	mg/Kg	91%		75-125	0.98
Lead	107.6	16.20	98.04	mg/Kg	93%		75-125	0.98
Molybdenum	89.30	1.112	98.04	mg/Kg	90%		75-125	0.98
Nickel	105.4	13.33	98.04	mg/Kg	94%		75-125	0.98
Selenium	85.60	ND	98.04	mg/Kg	87%		75-125	0.98
Silver	43.40	ND	49.02	mg/Kg	89%		75-125	0.98
Thallium	94.92	1.483	98.04	mg/Kg	95%		75-125	0.98
Vanadium	121.6	35.67	98.04	mg/Kg	88%		75-125	0.98
Zinc	198.8	119.9	98.04	mg/Kg	80%		75-125	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123817	Batch: 331639
Matrix (Source ID): Soil (500850-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123817 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	28.82	ND	98.04	mg/Kg	29%	*	75-125	5	41	0.98
Arsenic	105.2	11.44	98.04	mg/Kg	96%		75-125	6	35	0.98
Barium	224.5	127.1	98.04	mg/Kg	99%		75-125	9	20	0.98
Beryllium	96.56	0.4921	98.04	mg/Kg	98%		75-125	4	20	0.98
Cadmium	96.68	1.154	98.04	mg/Kg	97%		75-125	5	20	0.98
Chromium	117.8	18.85	98.04	mg/Kg	101%		75-125	7	20	0.98
Cobalt	103.9	5.562	98.04	mg/Kg	100%		75-125	5	20	0.98
Copper	115.2	18.14	98.04	mg/Kg	99%		75-125	7	20	0.98
Lead	114.8	16.20	98.04	mg/Kg	101%		75-125	6	20	0.98
Molybdenum	94.00	1.112	98.04	mg/Kg	95%		75-125	5	20	0.98
Nickel	111.0	13.33	98.04	mg/Kg	100%		75-125	5	20	0.98
Selenium	89.54	ND	98.04	mg/Kg	91%		75-125	5	20	0.98
Silver	45.57	ND	49.02	mg/Kg	93%		75-125	5	20	0.98
Thallium	100.3	1.483	98.04	mg/Kg	101%		75-125	5	20	0.98
Vanadium	131.9	35.67	98.04	mg/Kg	98%		75-125	8	20	0.98
Zinc	206.4	119.9	98.04	mg/Kg	88%		75-125	4	20	0.98

Type: Post Digest Spike	Lab ID: QC1123818	Batch: 331639
Matrix (Source ID): Soil (500850-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1123818 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	93.46	ND	97.09	mg/Kg	96%		75-125	0.97
Arsenic	102.8	11.44	97.09	mg/Kg	94%		75-125	0.97
Barium	206.5	127.1	97.09	mg/Kg	82%		75-125	0.97
Beryllium	94.26	0.4921	97.09	mg/Kg	97%		75-125	0.97
Cadmium	94.39	1.154	97.09	mg/Kg	96%		75-125	0.97
Chromium	112.7	18.85	97.09	mg/Kg	97%		75-125	0.97
Cobalt	101.5	5.562	97.09	mg/Kg	99%		75-125	0.97
Copper	112.8	18.14	97.09	mg/Kg	97%		75-125	0.97
Lead	112.8	16.20	97.09	mg/Kg	100%		75-125	0.97
Molybdenum	96.09	1.112	97.09	mg/Kg	98%		75-125	0.97
Nickel	108.2	13.33	97.09	mg/Kg	98%		75-125	0.97
Selenium	88.90	ND	97.09	mg/Kg	92%		75-125	0.97
Silver	43.37	ND	48.54	mg/Kg	89%		75-125	0.97
Thallium	98.26	1.483	97.09	mg/Kg	100%		75-125	0.97
Vanadium	123.2	35.67	97.09	mg/Kg	90%		75-125	0.97
Zinc	202.3	119.9	97.09	mg/Kg	85%		75-125	0.97

Batch QC

Type: Blank	Lab ID: QC1124493	Batch: 331857
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1124493 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	01/31/24	02/01/24
Arsenic	ND		mg/Kg	1.0	01/31/24	02/01/24
Barium	ND		mg/Kg	1.0	01/31/24	02/01/24
Beryllium	ND		mg/Kg	0.50	01/31/24	02/01/24
Cadmium	ND		mg/Kg	0.50	01/31/24	02/01/24
Chromium	ND		mg/Kg	1.0	01/31/24	02/01/24
Cobalt	ND		mg/Kg	0.50	01/31/24	02/01/24
Copper	ND		mg/Kg	1.0	01/31/24	02/01/24
Lead	ND		mg/Kg	1.0	01/31/24	02/01/24
Molybdenum	ND		mg/Kg	1.0	01/31/24	02/01/24
Nickel	ND		mg/Kg	1.0	01/31/24	02/01/24
Selenium	ND		mg/Kg	3.0	01/31/24	02/01/24
Silver	ND		mg/Kg	0.50	01/31/24	02/01/24
Thallium	ND		mg/Kg	3.0	01/31/24	02/01/24
Vanadium	ND		mg/Kg	1.0	01/31/24	02/01/24
Zinc	ND		mg/Kg	5.0	01/31/24	02/01/24

Type: Lab Control Sample	Lab ID: QC1124494	Batch: 331857
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1124494 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	105.0	100.0	mg/Kg	105%		80-120
Arsenic	105.3	100.0	mg/Kg	105%		80-120
Barium	103.3	100.0	mg/Kg	103%		80-120
Beryllium	105.5	100.0	mg/Kg	105%		80-120
Cadmium	104.0	100.0	mg/Kg	104%		80-120
Chromium	101.9	100.0	mg/Kg	102%		80-120
Cobalt	104.2	100.0	mg/Kg	104%		80-120
Copper	105.0	100.0	mg/Kg	105%		80-120
Lead	104.6	100.0	mg/Kg	105%		80-120
Molybdenum	103.2	100.0	mg/Kg	103%		80-120
Nickel	104.6	100.0	mg/Kg	105%		80-120
Selenium	96.69	100.0	mg/Kg	97%		80-120
Silver	49.70	50.00	mg/Kg	99%		80-120
Thallium	103.8	100.0	mg/Kg	104%		80-120
Vanadium	104.0	100.0	mg/Kg	104%		80-120
Zinc	103.5	100.0	mg/Kg	103%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1124495	Batch: 331857
Matrix (Source ID): Soil (500850-031)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1124495 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	33.42	ND	96.15	mg/Kg	35%	*	75-125	0.96
Arsenic	103.4	3.642	96.15	mg/Kg	104%		75-125	0.96
Barium	168.2	76.48	96.15	mg/Kg	95%		75-125	0.96
Beryllium	101.8	0.3116	96.15	mg/Kg	106%		75-125	0.96
Cadmium	98.08	0.1332	96.15	mg/Kg	102%		75-125	0.96
Chromium	135.2	35.41	96.15	mg/Kg	104%		75-125	0.96
Cobalt	109.8	10.15	96.15	mg/Kg	104%		75-125	0.96
Copper	130.0	24.87	96.15	mg/Kg	109%		75-125	0.96
Lead	104.9	6.007	96.15	mg/Kg	103%		75-125	0.96
Molybdenum	92.81	0.8435	96.15	mg/Kg	96%		75-125	0.96
Nickel	125.1	26.34	96.15	mg/Kg	103%		75-125	0.96
Selenium	91.88	0.7912	96.15	mg/Kg	95%		75-125	0.96
Silver	48.85	ND	48.08	mg/Kg	102%		75-125	0.96
Thallium	96.20	ND	96.15	mg/Kg	100%		75-125	0.96
Vanadium	159.0	56.82	96.15	mg/Kg	106%		75-125	0.96
Zinc	135.4	42.62	96.15	mg/Kg	96%		75-125	0.96

Type: Matrix Spike Duplicate	Lab ID: QC1124496	Batch: 331857
Matrix (Source ID): Soil (500850-031)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1124496 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	33.31	ND	98.04	mg/Kg	34%	*	75-125	2	41	0.98
Arsenic	101.6	3.642	98.04	mg/Kg	100%		75-125	4	35	0.98
Barium	161.2	76.48	98.04	mg/Kg	86%		75-125	5	20	0.98
Beryllium	100.5	0.3116	98.04	mg/Kg	102%		75-125	3	20	0.98
Cadmium	96.56	0.1332	98.04	mg/Kg	98%		75-125	4	20	0.98
Chromium	130.8	35.41	98.04	mg/Kg	97%		75-125	5	20	0.98
Cobalt	107.0	10.15	98.04	mg/Kg	99%		75-125	4	20	0.98
Copper	131.1	24.87	98.04	mg/Kg	108%		75-125	1	20	0.98
Lead	102.0	6.007	98.04	mg/Kg	98%		75-125	5	20	0.98
Molybdenum	91.58	0.8435	98.04	mg/Kg	93%		75-125	3	20	0.98
Nickel	123.4	26.34	98.04	mg/Kg	99%		75-125	3	20	0.98
Selenium	90.92	0.7912	98.04	mg/Kg	92%		75-125	3	20	0.98
Silver	48.32	ND	49.02	mg/Kg	99%		75-125	3	20	0.98
Thallium	94.50	ND	98.04	mg/Kg	96%		75-125	4	20	0.98
Vanadium	158.7	56.82	98.04	mg/Kg	104%		75-125	1	20	0.98
Zinc	133.6	42.62	98.04	mg/Kg	93%		75-125	3	20	0.98

Batch QC

Type: Post Digest Spike	Lab ID: QC1124497	Batch: 331857
Matrix (Source ID): Soil (500850-031)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1124497 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	97.54	ND	97.09	mg/Kg	100%		75-125	0.97
Arsenic	101.8	3.642	97.09	mg/Kg	101%		75-125	0.97
Barium	174.5	76.48	97.09	mg/Kg	101%		75-125	0.97
Beryllium	98.23	0.3116	97.09	mg/Kg	101%		75-125	0.97
Cadmium	95.14	0.1332	97.09	mg/Kg	98%		75-125	0.97
Chromium	130.0	35.41	97.09	mg/Kg	97%		75-125	0.97
Cobalt	106.5	10.15	97.09	mg/Kg	99%		75-125	0.97
Copper	127.5	24.87	97.09	mg/Kg	106%		75-125	0.97
Lead	102.0	6.007	97.09	mg/Kg	99%		75-125	0.97
Molybdenum	97.54	0.8435	97.09	mg/Kg	100%		75-125	0.97
Nickel	123.1	26.34	97.09	mg/Kg	100%		75-125	0.97
Selenium	91.99	0.7912	97.09	mg/Kg	94%		75-125	0.97
Silver	47.84	ND	48.54	mg/Kg	99%		75-125	0.97
Thallium	94.26	ND	97.09	mg/Kg	97%		75-125	0.97
Vanadium	153.5	56.82	97.09	mg/Kg	100%		75-125	0.97
Zinc	135.8	42.62	97.09	mg/Kg	96%		75-125	0.97

Type: Blank	Lab ID: QC1123718	Batch: 331613
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1123718 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	01/29/24	01/30/24

Type: Lab Control Sample	Lab ID: QC1123719	Batch: 331613
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1123719 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8220	0.8333	mg/Kg	99%		80-120

Type: Matrix Spike	Lab ID: QC1123720	Batch: 331613
Matrix (Source ID): Soil (500848-013)	Method: EPA 7471A	Prep Method: METHOD

QC1123720 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9384	0.02500	0.8475	mg/Kg	108%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1123721	Batch: 331613
Matrix (Source ID): Soil (500848-013)	Method: EPA 7471A	Prep Method: METHOD

QC1123721 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.7706	0.02500	0.8475	mg/Kg	88%		75-125	20	20	1

Batch QC

Type: Blank	Lab ID: QC1123887	Batch: 331663
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1123887 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	01/29/24	01/30/24

Type: Lab Control Sample	Lab ID: QC1123888	Batch: 331663
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1123888 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8263	0.8333	mg/Kg	99%		80-120

Type: Matrix Spike	Lab ID: QC1123889	Batch: 331663
Matrix (Source ID): Soil (500850-001)	Method: EPA 7471A	Prep Method: METHOD

QC1123889 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.7684	0.04189	0.8621	mg/Kg	84%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1123890	Batch: 331663
Matrix (Source ID): Soil (500850-001)	Method: EPA 7471A	Prep Method: METHOD

QC1123890 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.7844	0.04189	0.8621	mg/Kg	86%		75-125	2	20	1

Type: Blank	Lab ID: QC1123966	Batch: 331693
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1123966 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	01/30/24	01/30/24

Type: Lab Control Sample	Lab ID: QC1123967	Batch: 331693
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1123967 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8417	0.8333	mg/Kg	101%		80-120

Type: Matrix Spike	Lab ID: QC1123968	Batch: 331693
Matrix (Source ID): Soil (500850-021)	Method: EPA 7471A	Prep Method: METHOD

QC1123968 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8877	0.02060	0.8929	mg/Kg	97%		75-125	1.1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123969	Batch: 331693
Matrix (Source ID): Soil (500850-021)	Method: EPA 7471A	Prep Method: METHOD

QC1123969 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8609	0.02060	0.8772	mg/Kg	96%		75-125	1	20	1.1

Type: Blank	Lab ID: QC1124509	Batch: 331859
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1124509 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	01/31/24	02/03/24

Type: Lab Control Sample	Lab ID: QC1124510	Batch: 331859
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1124510 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7947	0.8333	mg/Kg	95%		80-120

Type: Matrix Spike	Lab ID: QC1124511	Batch: 331859
Matrix (Source ID): Soil (500850-031)	Method: EPA 7471A	Prep Method: METHOD

QC1124511 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8421	0.01208	0.8929	mg/Kg	93%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1124512	Batch: 331859
Matrix (Source ID): Soil (500850-031)	Method: EPA 7471A	Prep Method: METHOD

QC1124512 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9034	0.01208	0.9615	mg/Kg	93%		75-125	0	20	1.2

Type: Blank	Lab ID: QC1123637	Batch: 331596
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123637 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	01/28/24	01/30/24
DRO C10-C28	ND		mg/Kg	10	01/28/24	01/30/24
ORO C28-C44	ND		mg/Kg	20	01/28/24	01/30/24
Surrogates				Limits		
n-Triacontane	120%		%REC	70-130	01/28/24	01/30/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1123638	Batch: 331596
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123638 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	249.0	248.8	mg/Kg	100%		76-122
Surrogates						
n-Triacontane	11.81	9.950	mg/Kg	119%		70-130

Type: Matrix Spike	Lab ID: QC1123639	Batch: 331596
Matrix (Source ID): Soil (500850-003)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123639 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	264.1	5.896	248.9	mg/Kg	104%		62-126	1
Surrogates								
n-Triacontane	10.98		9.955	mg/Kg	110%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1123640	Batch: 331596
Matrix (Source ID): Soil (500850-003)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123640 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	255.1	5.896	248.9	mg/Kg	100%		62-126		35	1
Surrogates										
n-Triacontane	11.07		9.955	mg/Kg	111%		70-130			1

Type: Blank	Lab ID: QC1123879	Batch: 331614
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123879 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	01/29/24	01/30/24
DRO C10-C28	ND		mg/Kg	10	01/29/24	01/30/24
ORO C28-C44	ND		mg/Kg	20	01/29/24	01/30/24
Surrogates						
				Limits		
n-Triacontane	102%		%REC	70-130	01/29/24	01/30/24

Type: Lab Control Sample	Lab ID: QC1123880	Batch: 331614
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123880 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	225.3	248.8	mg/Kg	91%		76-122
Surrogates						
n-Triacontane	10.20	9.950	mg/Kg	103%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1123881	Batch: 331614
Matrix (Source ID): Soil (500850-022)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123881 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	180.5	ND	248.3	mg/Kg	73%		62-126	2
Surrogates								
n-Triacontane	8.159		9.930	mg/Kg	82%		70-130	2

Type: Matrix Spike Duplicate	Lab ID: QC1123882	Batch: 331614
Matrix (Source ID): Soil (500850-022)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1123882 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	192.4	ND	248.8	mg/Kg	77%		62-126	6	35	2
Surrogates										
n-Triacontane	9.216		9.950	mg/Kg	93%		70-130			2

Type: Blank	Lab ID: QC1124450	Batch: 331840
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1124450 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	01/31/24	01/31/24
DRO C10-C28	ND		mg/Kg	10	01/31/24	01/31/24
ORO C28-C44	ND		mg/Kg	20	01/31/24	01/31/24
Surrogates						
n-Triacontane	107%		%REC	70-130	01/31/24	01/31/24

Type: Lab Control Sample	Lab ID: QC1124451	Batch: 331840
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1124451 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	260.9	249.0	mg/Kg	105%		76-122
Surrogates						
n-Triacontane	10.79	9.960	mg/Kg	108%		70-130

Type: Matrix Spike	Lab ID: QC1124452	Batch: 331840
Matrix (Source ID): Soil (500926-015)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1124452 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	274.6	48.78	247.8	mg/Kg	91%		62-126	2
Surrogates								
n-Triacontane	11.45		9.911	mg/Kg	116%		70-130	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1124453	Batch: 331840
Matrix (Source ID): Soil (500926-015)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1124453 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	292.9	48.78	249.5	mg/Kg	98%		62-126	6	35	2
Surrogates										
n-Triacontane	11.12		9.980	mg/Kg	111%		70-130			2

Batch QC

Type: Blank	Lab ID: QC1123514	Batch: 331559
Matrix: Soil		

QC1123514 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	01/27/24	01/28/24
beta-BHC	ND		ug/Kg	5.0	01/27/24	01/28/24
gamma-BHC	ND		ug/Kg	5.0	01/27/24	01/28/24
delta-BHC	ND		ug/Kg	5.0	01/27/24	01/28/24
Heptachlor	ND		ug/Kg	5.0	01/27/24	01/28/24
Aldrin	ND		ug/Kg	5.0	01/27/24	01/28/24
Heptachlor epoxide	ND		ug/Kg	5.0	01/27/24	01/28/24
Endosulfan I	ND		ug/Kg	5.0	01/27/24	01/28/24
Dieldrin	ND		ug/Kg	5.0	01/27/24	01/28/24
4,4'-DDE	ND		ug/Kg	5.0	01/27/24	01/28/24
Endrin	ND		ug/Kg	5.0	01/27/24	01/28/24
Endosulfan II	ND		ug/Kg	5.0	01/27/24	01/28/24
Endosulfan sulfate	ND		ug/Kg	5.0	01/27/24	01/28/24
4,4'-DDD	ND		ug/Kg	5.0	01/27/24	01/28/24
Endrin aldehyde	ND		ug/Kg	5.0	01/27/24	01/28/24
Endrin ketone	ND		ug/Kg	5.0	01/27/24	01/28/24
4,4'-DDT	ND		ug/Kg	5.0	01/27/24	01/28/24
Methoxychlor	ND		ug/Kg	10	01/27/24	01/28/24
Toxaphene	ND		ug/Kg	100	01/27/24	01/28/24
Chlordane (Technical)	ND		ug/Kg	50	01/27/24	01/28/24
Surrogates				Limits		
TCMX	75%		%REC	23-120	01/27/24	01/28/24
Decachlorobiphenyl	71%		%REC	24-120	01/27/24	01/28/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	01/27/24	01/28/24
Aroclor-1221	ND		ug/Kg	50	01/27/24	01/28/24
Aroclor-1232	ND		ug/Kg	50	01/27/24	01/28/24
Aroclor-1242	ND		ug/Kg	50	01/27/24	01/28/24
Aroclor-1248	ND		ug/Kg	50	01/27/24	01/28/24
Aroclor-1254	ND		ug/Kg	50	01/27/24	01/28/24
Aroclor-1260	ND		ug/Kg	50	01/27/24	01/28/24
Aroclor-1262	ND		ug/Kg	50	01/27/24	01/28/24
Aroclor-1268	ND		ug/Kg	50	01/27/24	01/28/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	96%		%REC	19-121	01/27/24	01/28/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1123515	Batch: 331559
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1123515 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	41.82	49.90	ug/Kg	84%		22-129
beta-BHC	41.15	49.90	ug/Kg	82%		28-125
gamma-BHC	42.51	49.90	ug/Kg	85%		22-128
delta-BHC	45.61	49.90	ug/Kg	91%		24-131
Heptachlor	38.37	49.90	ug/Kg	77%		18-124
Aldrin	32.54	49.90	ug/Kg	65%		23-120
Heptachlor epoxide	40.01	49.90	ug/Kg	80%		26-120
Endosulfan I	40.95	49.90	ug/Kg	82%		25-126
Dieldrin	38.45	49.90	ug/Kg	77%		23-124
4,4'-DDE	39.44	49.90	ug/Kg	79%		28-121
Endrin	40.53	49.90	ug/Kg	81%		25-127
Endosulfan II	40.51	49.90	ug/Kg	81%		29-121
Endosulfan sulfate	38.96	49.90	ug/Kg	78%		30-121
4,4'-DDD	39.99	49.90	ug/Kg	80%		26-120
Endrin aldehyde	22.58	49.90	ug/Kg	45%		10-120
Endrin ketone	39.81	49.90	ug/Kg	80%		28-125
4,4'-DDT	36.80	49.90	ug/Kg	74%		22-125
Methoxychlor	38.20	49.90	ug/Kg	77%		28-130
Surrogates						
TCMX	37.73	49.90	ug/Kg	76%		23-120
Decachlorobiphenyl	33.88	49.90	ug/Kg	68%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1123516	Batch: 331559
Matrix (Source ID): Soil (500850-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1123516 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	27.79	ND	49.02	ug/Kg	57%		46-120	0.98
beta-BHC	29.37	ND	49.02	ug/Kg	60%		41-120	0.98
gamma-BHC	31.37	ND	49.02	ug/Kg	64%		41-120	0.98
delta-BHC	29.62	ND	49.02	ug/Kg	60%		38-123	0.98
Heptachlor	26.60	ND	49.02	ug/Kg	54%		39-120	0.98
Aldrin	25.23	ND	49.02	ug/Kg	51%		34-120	0.98
Heptachlor epoxide	26.80	ND	49.02	ug/Kg	55%		43-120	0.98
Endosulfan I	27.38	ND	49.02	ug/Kg	56%		45-120	0.98
Dieldrin	26.33	ND	49.02	ug/Kg	54%		45-120	0.98
4,4'-DDE	28.78	1.494	49.02	ug/Kg	59%		34-120	0.98
Endrin	27.68	ND	49.02	ug/Kg	56%		40-120	0.98
Endosulfan II	34.45	ND	49.02	ug/Kg	70%		41-120	0.98
Endosulfan sulfate	26.49	ND	49.02	ug/Kg	54%		42-120	0.98
4,4'-DDD	26.68	ND	49.02	ug/Kg	54%		41-120	0.98
Endrin aldehyde	22.26	ND	49.02	ug/Kg	45%		30-120	0.98
Endrin ketone	26.99	ND	49.02	ug/Kg	55%		45-120	0.98
4,4'-DDT	26.95	ND	49.02	ug/Kg	55%		35-127	0.98
Methoxychlor	26.70	ND	49.02	ug/Kg	54%		42-136	0.98
Surrogates								
TCMX	24.70		49.02	ug/Kg	50%		23-120	0.98
Decachlorobiphenyl	22.86		49.02	ug/Kg	47%		24-120	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123517	Batch: 331559
Matrix (Source ID): Soil (500850-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1123517 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	33.52	ND	49.65	ug/Kg	68%		46-120	17	30	0.99
beta-BHC	38.10	ND	49.65	ug/Kg	77%		41-120	25	30	0.99
gamma-BHC	33.64	ND	49.65	ug/Kg	68%		41-120	6	30	0.99
delta-BHC	37.41	ND	49.65	ug/Kg	75%		38-123	22	30	0.99
Heptachlor	32.32	ND	49.65	ug/Kg	65%		39-120	18	30	0.99
Aldrin	30.74	ND	49.65	ug/Kg	62%		34-120	18	30	0.99
Heptachlor epoxide	31.57	ND	49.65	ug/Kg	64%		43-120	15	30	0.99
Endosulfan I	31.86	ND	49.65	ug/Kg	64%		45-120	14	30	0.99
Dieldrin	32.14	ND	49.65	ug/Kg	65%		45-120	19	30	0.99
4,4'-DDE	34.44	1.494	49.65	ug/Kg	69%		34-120	17	30	0.99
Endrin	33.53	ND	49.65	ug/Kg	68%		40-120	18	30	0.99
Endosulfan II	36.24	ND	49.65	ug/Kg	73%		41-120	4	30	0.99
Endosulfan sulfate	31.46	ND	49.65	ug/Kg	63%		42-120	16	30	0.99
4,4'-DDD	32.51	ND	49.65	ug/Kg	65%		41-120	18	30	0.99
Endrin aldehyde	25.82	ND	49.65	ug/Kg	52%		30-120	14	30	0.99
Endrin ketone	32.50	ND	49.65	ug/Kg	65%		45-120	17	30	0.99
4,4'-DDT	31.88	ND	49.65	ug/Kg	64%		35-127	15	30	0.99
Methoxychlor	31.65	ND	49.65	ug/Kg	64%		42-136	16	30	0.99
Surrogates										
TCMX	31.07		49.65	ug/Kg	63%		23-120			0.99
Decachlorobiphenyl	26.75		49.65	ug/Kg	54%		24-120			0.99

Type: Lab Control Sample	Lab ID: QC1123518	Batch: 331559
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1123518 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	447.3	500.0	ug/Kg	89%		14-150
Aroclor-1260	492.6	500.0	ug/Kg	99%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	51.39	50.00	ug/Kg	103%		19-121

Type: Matrix Spike	Lab ID: QC1123519	Batch: 331559
Matrix (Source ID): Soil (500850-001)	Method: EPA 8082	Prep Method: EPA 3546

QC1123519 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	314.9	ND	496.5	ug/Kg	63%		42-127	0.99
Aroclor-1260	296.1	ND	496.5	ug/Kg	60%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	25.48		49.65	ug/Kg	51%		19-121	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123520	Batch: 331559
Matrix (Source ID): Soil (500850-001)	Method: EPA 8082	Prep Method: EPA 3546

QC1123520 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	305.5	ND	493.6	ug/Kg	62%		42-127	2	30	0.99
Aroclor-1260	312.7	ND	493.6	ug/Kg	63%		38-130	6	30	0.99
Surrogates										
Decachlorobiphenyl (PCB)	28.47		49.36	ug/Kg	58%		19-121			0.99

Batch QC

Type: Blank	Lab ID: QC1124148	Batch: 331749
Matrix: Soil		

QC1124148 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	01/30/24	01/31/24
beta-BHC	ND		ug/Kg	5.0	01/30/24	01/31/24
gamma-BHC	ND		ug/Kg	5.0	01/30/24	01/31/24
delta-BHC	ND		ug/Kg	5.0	01/30/24	01/31/24
Heptachlor	ND		ug/Kg	5.0	01/30/24	01/31/24
Aldrin	ND		ug/Kg	5.0	01/30/24	01/31/24
Heptachlor epoxide	ND		ug/Kg	5.0	01/30/24	01/31/24
Endosulfan I	ND		ug/Kg	5.0	01/30/24	01/31/24
Dieldrin	ND		ug/Kg	5.0	01/30/24	01/31/24
4,4'-DDE	ND		ug/Kg	5.0	01/30/24	01/31/24
Endrin	ND		ug/Kg	5.0	01/30/24	01/31/24
Endosulfan II	ND		ug/Kg	5.0	01/30/24	01/31/24
Endosulfan sulfate	ND		ug/Kg	5.0	01/30/24	01/31/24
4,4'-DDD	ND		ug/Kg	5.0	01/30/24	01/31/24
Endrin aldehyde	ND		ug/Kg	5.0	01/30/24	01/31/24
Endrin ketone	ND		ug/Kg	5.0	01/30/24	01/31/24
4,4'-DDT	ND		ug/Kg	5.0	01/30/24	01/31/24
Methoxychlor	ND		ug/Kg	10	01/30/24	01/31/24
Toxaphene	ND		ug/Kg	100	01/30/24	01/31/24
Chlordane (Technical)	ND		ug/Kg	50	01/30/24	01/31/24
Surrogates				Limits		
TCMX	70%		%REC	23-120	01/30/24	01/31/24
Decachlorobiphenyl	73%		%REC	24-120	01/30/24	01/31/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	01/30/24	01/31/24
Aroclor-1221	ND		ug/Kg	50	01/30/24	01/31/24
Aroclor-1232	ND		ug/Kg	50	01/30/24	01/31/24
Aroclor-1242	ND		ug/Kg	50	01/30/24	01/31/24
Aroclor-1248	ND		ug/Kg	50	01/30/24	01/31/24
Aroclor-1254	ND		ug/Kg	50	01/30/24	01/31/24
Aroclor-1260	ND		ug/Kg	50	01/30/24	01/31/24
Aroclor-1262	ND		ug/Kg	50	01/30/24	01/31/24
Aroclor-1268	ND		ug/Kg	50	01/30/24	01/31/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	65%		%REC	19-121	01/30/24	01/31/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1124149	Batch: 331749
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1124149 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	40.40	49.50	ug/Kg	82%		22-129
beta-BHC	42.19	49.50	ug/Kg	85%		28-125
gamma-BHC	41.07	49.50	ug/Kg	83%		22-128
delta-BHC	42.47	49.50	ug/Kg	86%		24-131
Heptachlor	40.08	49.50	ug/Kg	81%		18-124
Aldrin	37.62	49.50	ug/Kg	76%		23-120
Heptachlor epoxide	40.66	49.50	ug/Kg	82%		26-120
Endosulfan I	42.31	49.50	ug/Kg	85%		25-126
Dieldrin	42.12	49.50	ug/Kg	85%		23-124
4,4'-DDE	43.58	49.50	ug/Kg	88%		28-121
Endrin	43.11	49.50	ug/Kg	87%		25-127
Endosulfan II	44.11	49.50	ug/Kg	89%		29-121
Endosulfan sulfate	41.31	49.50	ug/Kg	83%		30-121
4,4'-DDD	42.90	49.50	ug/Kg	87%		26-120
Endrin aldehyde	25.19	49.50	ug/Kg	51%		10-120
Endrin ketone	44.08	49.50	ug/Kg	89%		28-125
4,4'-DDT	40.29	49.50	ug/Kg	81%		22-125
Methoxychlor	45.52	49.50	ug/Kg	92%	#	28-130
Surrogates						
TCMX	36.75	49.50	ug/Kg	74%		23-120
Decachlorobiphenyl	40.73	49.50	ug/Kg	82%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1124207	Batch: 331749
Matrix (Source ID): Soil (500887-008)	Method: EPA 8081A	Prep Method: EPA 3546

QC1124207 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	42.84	ND	51.02	ug/Kg	84%		46-120	10
beta-BHC	49.10	ND	51.02	ug/Kg	96%		41-120	10
gamma-BHC	45.46	ND	51.02	ug/Kg	89%		41-120	10
delta-BHC	46.02	ND	51.02	ug/Kg	90%		38-123	10
Heptachlor	46.20	ND	51.02	ug/Kg	91%		39-120	10
Aldrin	44.41	ND	51.02	ug/Kg	87%		34-120	10
Heptachlor epoxide	46.99	ND	51.02	ug/Kg	92%		43-120	10
Endosulfan I	47.11	ND	51.02	ug/Kg	92%		45-120	10
Dieldrin	47.10	ND	51.02	ug/Kg	92%		45-120	10
4,4'-DDE	52.85	ND	51.02	ug/Kg	104%		34-120	10
Endrin	48.35	ND	51.02	ug/Kg	95%		40-120	10
Endosulfan II	50.26	ND	51.02	ug/Kg	99%		41-120	10
Endosulfan sulfate	47.80	ND	51.02	ug/Kg	94%		42-120	10
4,4'-DDD	49.82	ND	51.02	ug/Kg	98%		41-120	10
Endrin aldehyde	44.01	ND	51.02	ug/Kg	86%		30-120	10
Endrin ketone	53.41	ND	51.02	ug/Kg	105%		45-120	10
4,4'-DDT	50.43	ND	51.02	ug/Kg	99%		35-127	10
Methoxychlor	65.51	ND	51.02	ug/Kg		DO	42-136	10
Surrogates								
TCMX	44.95		51.02	ug/Kg		DO	23-120	10
Decachlorobiphenyl	48.30		51.02	ug/Kg		DO	24-120	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1124208	Batch: 331749
Matrix (Source ID): Soil (500887-008)	Method: EPA 8081A	Prep Method: EPA 3546

QC1124208 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	43.23	ND	49.02	ug/Kg	88%		46-120	5	30	9.8
beta-BHC	48.52	ND	49.02	ug/Kg	99%		41-120	3	30	9.8
gamma-BHC	45.45	ND	49.02	ug/Kg	93%		41-120	4	30	9.8
delta-BHC	45.00	ND	49.02	ug/Kg	92%		38-123	2	30	9.8
Heptachlor	48.44	ND	49.02	ug/Kg	99%		39-120	9	30	9.8
Aldrin	46.08	ND	49.02	ug/Kg	94%		34-120	8	30	9.8
Heptachlor epoxide	48.41	ND	49.02	ug/Kg	99%		43-120	7	30	9.8
Endosulfan I	49.68	ND	49.02	ug/Kg	101%		45-120	9	30	9.8
Dieldrin	49.86	ND	49.02	ug/Kg	102%		45-120	10	30	9.8
4,4'-DDE	54.85	ND	49.02	ug/Kg	112%		34-120	8	30	9.8
Endrin	49.61	ND	49.02	ug/Kg	101%		40-120	7	30	9.8
Endosulfan II	49.30	ND	49.02	ug/Kg	101%		41-120	2	30	9.8
Endosulfan sulfate	47.63	ND	49.02	ug/Kg	97%		42-120	4	30	9.8
4,4'-DDD	51.67	ND	49.02	ug/Kg	105%		41-120	8	30	9.8
Endrin aldehyde	43.94	ND	49.02	ug/Kg	90%		30-120	4	30	9.8
Endrin ketone	50.15	ND	49.02	ug/Kg	102%		45-120	2	30	9.8
4,4'-DDT	50.04	ND	49.02	ug/Kg	102%		35-127	3	30	9.8
Methoxychlor	54.65	ND	49.02	ug/Kg		DO	42-136		30	9.8
Surrogates										
TCMX	44.57		49.02	ug/Kg		DO	23-120			9.8
Decachlorobiphenyl	50.27		49.02	ug/Kg		DO	24-120			9.8

Type: Lab Control Sample	Lab ID: QC1124209	Batch: 331749
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1124209 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	356.5	495.0	ug/Kg	72%		14-150
Aroclor-1260	356.6	495.0	ug/Kg	72%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	29.07	49.50	ug/Kg	59%		19-121

Type: Matrix Spike	Lab ID: QC1124210	Batch: 331749
Matrix (Source ID): Soil (500887-011)	Method: EPA 8082	Prep Method: EPA 3546

QC1124210 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	405.5	ND	490.2	ug/Kg	83%		42-127	0.98
Aroclor-1260	378.8	ND	490.2	ug/Kg	77%		38-130	0.98
Surrogates								
Decachlorobiphenyl (PCB)	37.57		49.02	ug/Kg	77%		19-121	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1124211	Batch: 331749
Matrix (Source ID): Soil (500887-011)	Method: EPA 8082	Prep Method: EPA 3546

QC1124211 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	420.2	ND	505.1	ug/Kg	83%		42-127	1	30	1
Aroclor-1260	388.5	ND	505.1	ug/Kg	77%		38-130	0	30	1
Surrogates										
Decachlorobiphenyl (PCB)	38.36		50.51	ug/Kg	76%		19-121			1

Batch QC

Type: Blank	Lab ID: QC1124732	Batch: 331910
Matrix: Soil		

QC1124732 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	4.9	02/01/24	02/02/24
beta-BHC	ND		ug/Kg	4.9	02/01/24	02/02/24
gamma-BHC	ND		ug/Kg	4.9	02/01/24	02/02/24
delta-BHC	ND		ug/Kg	4.9	02/01/24	02/02/24
Heptachlor	ND		ug/Kg	4.9	02/01/24	02/02/24
Aldrin	ND		ug/Kg	4.9	02/01/24	02/02/24
Heptachlor epoxide	ND		ug/Kg	4.9	02/01/24	02/02/24
Endosulfan I	ND		ug/Kg	4.9	02/01/24	02/02/24
Dieldrin	ND		ug/Kg	4.9	02/01/24	02/02/24
4,4'-DDE	ND		ug/Kg	4.9	02/01/24	02/02/24
Endrin	ND		ug/Kg	4.9	02/01/24	02/02/24
Endosulfan II	ND		ug/Kg	4.9	02/01/24	02/02/24
Endosulfan sulfate	ND		ug/Kg	4.9	02/01/24	02/02/24
4,4'-DDD	ND		ug/Kg	4.9	02/01/24	02/02/24
Endrin aldehyde	ND		ug/Kg	4.9	02/01/24	02/02/24
Endrin ketone	ND		ug/Kg	4.9	02/01/24	02/02/24
4,4'-DDT	ND		ug/Kg	4.9	02/01/24	02/02/24
Methoxychlor	ND		ug/Kg	9.8	02/01/24	02/02/24
Toxaphene	ND		ug/Kg	98	02/01/24	02/02/24
Chlordane (Technical)	ND		ug/Kg	49	02/01/24	02/02/24
Surrogates				Limits		
TCMX	78%		%REC	23-120	02/01/24	02/02/24
Decachlorobiphenyl	82%		%REC	24-120	02/01/24	02/02/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	49	02/01/24	02/02/24
Aroclor-1221	ND		ug/Kg	49	02/01/24	02/02/24
Aroclor-1232	ND		ug/Kg	49	02/01/24	02/02/24
Aroclor-1242	ND		ug/Kg	49	02/01/24	02/02/24
Aroclor-1248	ND		ug/Kg	49	02/01/24	02/02/24
Aroclor-1254	ND		ug/Kg	49	02/01/24	02/02/24
Aroclor-1260	ND		ug/Kg	49	02/01/24	02/02/24
Aroclor-1262	ND		ug/Kg	49	02/01/24	02/02/24
Aroclor-1268	ND		ug/Kg	49	02/01/24	02/02/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	75%		%REC	19-121	02/01/24	02/02/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1124733	Batch: 331910
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1124733 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	48.79	50.51	ug/Kg	97%		22-129
beta-BHC	45.02	50.51	ug/Kg	89%		28-125
gamma-BHC	53.90	50.51	ug/Kg	107%		22-128
delta-BHC	50.89	50.51	ug/Kg	101%		24-131
Heptachlor	47.51	50.51	ug/Kg	94%		18-124
Aldrin	41.82	50.51	ug/Kg	83%		23-120
Heptachlor epoxide	48.34	50.51	ug/Kg	96%		26-120
Endosulfan I	48.91	50.51	ug/Kg	97%		25-126
Dieldrin	54.82	50.51	ug/Kg	109%		23-124
4,4'-DDE	52.75	50.51	ug/Kg	104%		28-121
Endrin	55.76	50.51	ug/Kg	110%		25-127
Endosulfan II	54.40	50.51	ug/Kg	108%		29-121
Endosulfan sulfate	50.56	50.51	ug/Kg	100%		30-121
4,4'-DDD	57.88	50.51	ug/Kg	115%		26-120
Endrin aldehyde	33.16	50.51	ug/Kg	66%		10-120
Endrin ketone	49.40	50.51	ug/Kg	98%	#	28-125
4,4'-DDT	56.42	50.51	ug/Kg	112%		22-125
Methoxychlor	55.07	50.51	ug/Kg	109%		28-130
Surrogates						
TCMX	39.45	50.51	ug/Kg	78%		23-120
Decachlorobiphenyl	43.22	50.51	ug/Kg	86%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1124734	Batch: 331910
Matrix (Source ID): Soil (500988-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1124734 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	39.06	ND	49.02	ug/Kg	80%		46-120	9.8
beta-BHC	33.24	ND	49.02	ug/Kg	68%		41-120	9.8
gamma-BHC	46.43	ND	49.02	ug/Kg	95%		41-120	9.8
delta-BHC	38.59	ND	49.02	ug/Kg	79%		38-123	9.8
Heptachlor	48.60	ND	49.02	ug/Kg	99%		39-120	9.8
Aldrin	44.00	ND	49.02	ug/Kg	90%		34-120	9.8
Heptachlor epoxide	48.79	ND	49.02	ug/Kg	100%		43-120	9.8
Endosulfan I	49.48	ND	49.02	ug/Kg	101%		45-120	9.8
Dieldrin	53.01	ND	49.02	ug/Kg	108%		45-120	9.8
4,4'-DDE	41.64	ND	49.02	ug/Kg	85%		34-120	9.8
Endrin	43.68	ND	49.02	ug/Kg	89%		40-120	9.8
Endosulfan II	43.09	ND	49.02	ug/Kg	88%		41-120	9.8
Endosulfan sulfate	39.14	ND	49.02	ug/Kg	80%		42-120	9.8
4,4'-DDD	43.22	ND	49.02	ug/Kg	88%		41-120	9.8
Endrin aldehyde	43.78	ND	49.02	ug/Kg	89%		30-120	9.8
Endrin ketone	41.55	ND	49.02	ug/Kg	85%		45-120	9.8
4,4'-DDT	48.59	ND	49.02	ug/Kg	99%		35-127	9.8
Methoxychlor	129.9	77.31	49.02	ug/Kg		DO	42-136	9.8
Surrogates								
TCMX	41.86		49.02	ug/Kg		DO	23-120	9.8
Decachlorobiphenyl	81.41		49.02	ug/Kg		DO	24-120	9.8

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1124735	Batch: 331910
Matrix (Source ID): Soil (500988-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1124735 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	45.89	ND	50.00	ug/Kg	92%		46-120	14	30	10
beta-BHC	40.02	ND	50.00	ug/Kg	80%		41-120	17	30	10
gamma-BHC	55.33	ND	50.00	ug/Kg	111%		41-120	16	30	10
delta-BHC	48.03	ND	50.00	ug/Kg	96%		38-123	20	30	10
Heptachlor	56.01	ND	50.00	ug/Kg	112%		39-120	12	30	10
Aldrin	50.54	ND	50.00	ug/Kg	101%		34-120	12	30	10
Heptachlor epoxide	57.68	ND	50.00	ug/Kg	115%		43-120	15	30	10
Endosulfan I	57.66	ND	50.00	ug/Kg	115%		45-120	13	30	10
Dieldrin	60.43	ND	50.00	ug/Kg	121%	*	45-120	11	30	10
4,4'-DDE	51.38	ND	50.00	ug/Kg	103%		34-120	19	30	10
Endrin	53.77	ND	50.00	ug/Kg	108%		40-120	19	30	10
Endosulfan II	52.62	ND	50.00	ug/Kg	105%		41-120	18	30	10
Endosulfan sulfate	45.05	ND	50.00	ug/Kg	90%		42-120	12	30	10
4,4'-DDD	53.29	ND	50.00	ug/Kg	107%		41-120	19	30	10
Endrin aldehyde	50.92	ND	50.00	ug/Kg	102%		30-120	13	30	10
Endrin ketone	46.89	ND	50.00	ug/Kg	94%		45-120	10	30	10
4,4'-DDT	59.78	ND	50.00	ug/Kg	120%		35-127	19	30	10
Methoxychlor	142.7	77.31	50.00	ug/Kg		DO	42-136		30	10
Surrogates										
TCMX	48.41		50.00	ug/Kg		DO	23-120			10
Decachlorobiphenyl	89.10		50.00	ug/Kg		DO	24-120			10

Type: Lab Control Sample	Lab ID: QC1124736	Batch: 331910
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1124736 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	457.9	495.0	ug/Kg	92%		14-150
Aroclor-1260	400.8	495.0	ug/Kg	81%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	38.35	49.50	ug/Kg	77%		19-121

Type: Matrix Spike	Lab ID: QC1124737	Batch: 331910
Matrix (Source ID): Soil (500988-002)	Method: EPA 8082	Prep Method: EPA 3546

QC1124737 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	504.9	ND	500.0	ug/Kg	101%		42-127	5
Aroclor-1260	428.3	ND	500.0	ug/Kg	86%		38-130	5
Surrogates								
Decachlorobiphenyl (PCB)	50.25		50.00	ug/Kg	100%		19-121	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1124738	Batch: 331910
Matrix (Source ID): Soil (500988-002)	Method: EPA 8082	Prep Method: EPA 3546

QC1124738 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	523.0	ND	505.1	ug/Kg	104%		42-127	3	30	5.1
Aroclor-1260	480.5	ND	505.1	ug/Kg	95%		38-130	10	30	5.1
Surrogates										
Decachlorobiphenyl (PCB)	57.11		50.51	ug/Kg	113%		19-121			5.1

Type: Lab Control Sample	Lab ID: QC1123147	Batch: 331448
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123147 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	58.03	50.00	ug/Kg	116%		70-131
MTBE	51.21	50.00	ug/Kg	102%		69-130
Benzene	50.80	50.00	ug/Kg	102%		70-130
Trichloroethene	54.56	50.00	ug/Kg	109%		70-130
Toluene	53.99	50.00	ug/Kg	108%		70-130
Chlorobenzene	55.80	50.00	ug/Kg	112%		70-130
Surrogates						
Dibromofluoromethane	49.59	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	54.80	50.00	ug/Kg	110%		70-145
Toluene-d8	51.08	50.00	ug/Kg	102%		70-145
Bromofluorobenzene	51.21	50.00	ug/Kg	102%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1123148	Batch: 331448
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123148 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	55.91	50.00	ug/Kg	112%		70-131	4	33
MTBE	51.02	50.00	ug/Kg	102%		69-130	0	30
Benzene	49.68	50.00	ug/Kg	99%		70-130	2	30
Trichloroethene	51.42	50.00	ug/Kg	103%		70-130	6	30
Toluene	51.09	50.00	ug/Kg	102%		70-130	6	30
Chlorobenzene	53.21	50.00	ug/Kg	106%		70-130	5	30
Surrogates								
Dibromofluoromethane	50.52	50.00	ug/Kg	101%		70-130		
1,2-Dichloroethane-d4	56.43	50.00	ug/Kg	113%		70-145		
Toluene-d8	50.83	50.00	ug/Kg	102%		70-145		
Bromofluorobenzene	50.15	50.00	ug/Kg	100%		70-145		

Batch QC

Type: Blank	Lab ID: QC1123151	Batch: 331448
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123151 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	01/25/24	01/25/24
Freon 12	ND		ug/Kg	5.0	01/25/24	01/25/24
Chloromethane	ND		ug/Kg	5.0	01/25/24	01/25/24
Vinyl Chloride	ND		ug/Kg	5.0	01/25/24	01/25/24
Bromomethane	ND		ug/Kg	5.0	01/25/24	01/25/24
Chloroethane	ND		ug/Kg	5.0	01/25/24	01/25/24
Trichlorofluoromethane	ND		ug/Kg	5.0	01/25/24	01/25/24
Acetone	ND		ug/Kg	100	01/25/24	01/25/24
Freon 113	ND		ug/Kg	5.0	01/25/24	01/25/24
1,1-Dichloroethene	ND		ug/Kg	5.0	01/25/24	01/25/24
Methylene Chloride	ND		ug/Kg	5.0	01/25/24	01/25/24
MTBE	ND		ug/Kg	5.0	01/25/24	01/25/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,1-Dichloroethane	ND		ug/Kg	5.0	01/25/24	01/25/24
2-Butanone	ND		ug/Kg	100	01/25/24	01/25/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	01/25/24	01/25/24
2,2-Dichloropropane	ND		ug/Kg	5.0	01/25/24	01/25/24
Chloroform	ND		ug/Kg	5.0	01/25/24	01/25/24
Bromochloromethane	ND		ug/Kg	5.0	01/25/24	01/25/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	01/25/24	01/25/24
1,1-Dichloropropene	ND		ug/Kg	5.0	01/25/24	01/25/24
Carbon Tetrachloride	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2-Dichloroethane	ND		ug/Kg	5.0	01/25/24	01/25/24
Benzene	ND		ug/Kg	5.0	01/25/24	01/25/24
Trichloroethene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2-Dichloropropane	ND		ug/Kg	5.0	01/25/24	01/25/24
Bromodichloromethane	ND		ug/Kg	5.0	01/25/24	01/25/24
Dibromomethane	ND		ug/Kg	5.0	01/25/24	01/25/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	01/25/24	01/25/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	01/25/24	01/25/24
Toluene	ND		ug/Kg	5.0	01/25/24	01/25/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	01/25/24	01/25/24
1,3-Dichloropropane	ND		ug/Kg	5.0	01/25/24	01/25/24
Tetrachloroethene	ND		ug/Kg	5.0	01/25/24	01/25/24
Dibromochloromethane	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2-Dibromoethane	ND		ug/Kg	5.0	01/25/24	01/25/24
Chlorobenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	01/25/24	01/25/24
Ethylbenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
m,p-Xylenes	ND		ug/Kg	10	01/25/24	01/25/24
o-Xylene	ND		ug/Kg	5.0	01/25/24	01/25/24
Styrene	ND		ug/Kg	5.0	01/25/24	01/25/24
Bromoform	ND		ug/Kg	5.0	01/25/24	01/25/24
Isopropylbenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	01/25/24	01/25/24

Batch QC

QC1123151 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
Bromobenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
2-Chlorotoluene	ND		ug/Kg	5.0	01/25/24	01/25/24
4-Chlorotoluene	ND		ug/Kg	5.0	01/25/24	01/25/24
tert-Butylbenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
sec-Butylbenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
n-Butylbenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
Hexachlorobutadiene	ND		ug/Kg	5.0	01/25/24	01/25/24
Naphthalene	ND		ug/Kg	5.0	01/25/24	01/25/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	01/25/24	01/25/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	01/25/24	01/25/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	01/25/24	01/25/24
Xylene (total)	ND		ug/Kg	5.0	01/25/24	01/25/24
Surrogates				Limits		
Dibromofluoromethane	98%		%REC	70-130	01/25/24	01/25/24
1,2-Dichloroethane-d4	109%		%REC	70-145	01/25/24	01/25/24
Toluene-d8	103%		%REC	70-145	01/25/24	01/25/24
Bromofluorobenzene	100%		%REC	70-145	01/25/24	01/25/24

Type: Lab Control Sample	Lab ID: QC1123216	Batch: 331467
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123216 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.60	50.00	ug/Kg	97%		70-131
MTBE	52.89	50.00	ug/Kg	106%		69-130
Benzene	51.93	50.00	ug/Kg	104%		70-130
Trichloroethene	54.16	50.00	ug/Kg	108%		70-130
Toluene	55.23	50.00	ug/Kg	110%		70-130
Chlorobenzene	54.36	50.00	ug/Kg	109%		70-130
Surrogates						
Dibromofluoromethane	48.27	50.00	ug/Kg	97%		70-130
1,2-Dichloroethane-d4	43.42	50.00	ug/Kg	87%		70-145
Toluene-d8	52.24	50.00	ug/Kg	104%		70-145
Bromofluorobenzene	55.49	50.00	ug/Kg	111%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1123217	Batch: 331467
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123217 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.12	50.00	ug/Kg	90%		70-131	7	33
MTBE	51.25	50.00	ug/Kg	102%		69-130	3	30
Benzene	47.84	50.00	ug/Kg	96%		70-130	8	30
Trichloroethene	51.24	50.00	ug/Kg	102%		70-130	6	30
Toluene	51.74	50.00	ug/Kg	103%		70-130	7	30
Chlorobenzene	51.29	50.00	ug/Kg	103%		70-130	6	30
Surrogates								
Dibromofluoromethane	47.19	50.00	ug/Kg	94%		70-130		
1,2-Dichloroethane-d4	42.03	50.00	ug/Kg	84%		70-145		
Toluene-d8	50.93	50.00	ug/Kg	102%		70-145		
Bromofluorobenzene	54.48	50.00	ug/Kg	109%		70-145		

Batch QC

Type: Blank	Lab ID: QC1123220	Batch: 331467
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123220 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	01/26/24	01/26/24
Freon 12	ND		ug/Kg	5.0	01/26/24	01/26/24
Chloromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Vinyl Chloride	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromomethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Chloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Trichlorofluoromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Acetone	ND		ug/Kg	100	01/26/24	01/26/24
Freon 113	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1-Dichloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
Methylene Chloride	ND		ug/Kg	5.0	01/26/24	01/26/24
MTBE	ND		ug/Kg	5.0	01/26/24	01/26/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1-Dichloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
2-Butanone	ND		ug/Kg	100	01/26/24	01/26/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
2,2-Dichloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24
Chloroform	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromochloromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1-Dichloropropene	ND		ug/Kg	5.0	01/26/24	01/26/24
Carbon Tetrachloride	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dichloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Benzene	ND		ug/Kg	5.0	01/26/24	01/26/24
Trichloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dichloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromodichloromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Dibromomethane	ND		ug/Kg	5.0	01/26/24	01/26/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	01/26/24	01/26/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	01/26/24	01/26/24
Toluene	ND		ug/Kg	5.0	01/26/24	01/26/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,3-Dichloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24
Tetrachloroethene	ND		ug/Kg	5.0	01/26/24	01/26/24
Dibromochloromethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dibromoethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Chlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
Ethylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
m,p-Xylenes	ND		ug/Kg	10	01/26/24	01/26/24
o-Xylene	ND		ug/Kg	5.0	01/26/24	01/26/24
Styrene	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromoform	ND		ug/Kg	5.0	01/26/24	01/26/24
Isopropylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24

Batch QC

QC1123220 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
Bromobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
2-Chlorotoluene	ND		ug/Kg	5.0	01/26/24	01/26/24
4-Chlorotoluene	ND		ug/Kg	5.0	01/26/24	01/26/24
tert-Butylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
sec-Butylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
n-Butylbenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
Hexachlorobutadiene	ND		ug/Kg	5.0	01/26/24	01/26/24
Naphthalene	ND		ug/Kg	5.0	01/26/24	01/26/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	01/26/24	01/26/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	01/26/24	01/26/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	01/26/24	01/26/24
Xylene (total)	ND		ug/Kg	5.0	01/26/24	01/26/24
Surrogates				Limits		
Dibromofluoromethane	95%		%REC	70-130	01/26/24	01/26/24
1,2-Dichloroethane-d4	88%		%REC	70-145	01/26/24	01/26/24
Toluene-d8	101%		%REC	70-145	01/26/24	01/26/24
Bromofluorobenzene	107%		%REC	70-145	01/26/24	01/26/24

Type: Lab Control Sample	Lab ID: QC1123490	Batch: 331552
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123490 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	44.16	50.00	ug/Kg	88%		70-131
MTBE	48.60	50.00	ug/Kg	97%		69-130
Benzene	46.76	50.00	ug/Kg	94%		70-130
Trichloroethene	48.57	50.00	ug/Kg	97%		70-130
Toluene	48.78	50.00	ug/Kg	98%		70-130
Chlorobenzene	49.18	50.00	ug/Kg	98%		70-130
Surrogates						
Dibromofluoromethane	49.96	50.00	ug/Kg	100%		70-130
1,2-Dichloroethane-d4	46.46	50.00	ug/Kg	93%		70-145
Toluene-d8	49.64	50.00	ug/Kg	99%		70-145
Bromofluorobenzene	53.67	50.00	ug/Kg	107%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1123491	Batch: 331552
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123491 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.67	50.00	ug/Kg	91%		70-131	3	33
MTBE	49.99	50.00	ug/Kg	100%		69-130	3	30
Benzene	47.99	50.00	ug/Kg	96%		70-130	3	30
Trichloroethene	49.83	50.00	ug/Kg	100%		70-130	3	30
Toluene	50.70	50.00	ug/Kg	101%		70-130	4	30
Chlorobenzene	51.30	50.00	ug/Kg	103%		70-130	4	30
Surrogates								
Dibromofluoromethane	49.40	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	45.21	50.00	ug/Kg	90%		70-145		
Toluene-d8	49.50	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	52.63	50.00	ug/Kg	105%		70-145		

Batch QC

Type: Blank	Lab ID: QC1123496	Batch: 331552
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1123496 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	01/27/24	01/27/24
Freon 12	ND		ug/Kg	5.0	01/27/24	01/27/24
Chloromethane	ND		ug/Kg	5.0	01/27/24	01/27/24
Vinyl Chloride	ND		ug/Kg	5.0	01/27/24	01/27/24
Bromomethane	ND		ug/Kg	5.0	01/27/24	01/27/24
Chloroethane	ND		ug/Kg	5.0	01/27/24	01/27/24
Trichlorofluoromethane	ND		ug/Kg	5.0	01/27/24	01/27/24
Acetone	ND		ug/Kg	100	01/27/24	01/27/24
Freon 113	ND		ug/Kg	5.0	01/27/24	01/27/24
1,1-Dichloroethene	ND		ug/Kg	5.0	01/27/24	01/27/24
Methylene Chloride	ND		ug/Kg	5.0	01/27/24	01/27/24
MTBE	ND		ug/Kg	5.0	01/27/24	01/27/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,1-Dichloroethane	ND		ug/Kg	5.0	01/27/24	01/27/24
2-Butanone	ND		ug/Kg	100	01/27/24	01/27/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	01/27/24	01/27/24
2,2-Dichloropropane	ND		ug/Kg	5.0	01/27/24	01/27/24
Chloroform	ND		ug/Kg	5.0	01/27/24	01/27/24
Bromochloromethane	ND		ug/Kg	5.0	01/27/24	01/27/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	01/27/24	01/27/24
1,1-Dichloropropene	ND		ug/Kg	5.0	01/27/24	01/27/24
Carbon Tetrachloride	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2-Dichloroethane	ND		ug/Kg	5.0	01/27/24	01/27/24
Benzene	ND		ug/Kg	5.0	01/27/24	01/27/24
Trichloroethene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2-Dichloropropane	ND		ug/Kg	5.0	01/27/24	01/27/24
Bromodichloromethane	ND		ug/Kg	5.0	01/27/24	01/27/24
Dibromomethane	ND		ug/Kg	5.0	01/27/24	01/27/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	01/27/24	01/27/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	01/27/24	01/27/24
Toluene	ND		ug/Kg	5.0	01/27/24	01/27/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	01/27/24	01/27/24
1,3-Dichloropropane	ND		ug/Kg	5.0	01/27/24	01/27/24
Tetrachloroethene	ND		ug/Kg	5.0	01/27/24	01/27/24
Dibromochloromethane	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2-Dibromoethane	ND		ug/Kg	5.0	01/27/24	01/27/24
Chlorobenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	01/27/24	01/27/24
Ethylbenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
m,p-Xylenes	ND		ug/Kg	10	01/27/24	01/27/24
o-Xylene	ND		ug/Kg	5.0	01/27/24	01/27/24
Styrene	ND		ug/Kg	5.0	01/27/24	01/27/24
Bromoform	ND		ug/Kg	5.0	01/27/24	01/27/24
Isopropylbenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	01/27/24	01/27/24

Batch QC

QC1123496 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
Bromobenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
2-Chlorotoluene	ND		ug/Kg	5.0	01/27/24	01/27/24
4-Chlorotoluene	ND		ug/Kg	5.0	01/27/24	01/27/24
tert-Butylbenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
sec-Butylbenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
n-Butylbenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
Hexachlorobutadiene	ND		ug/Kg	5.0	01/27/24	01/27/24
Naphthalene	ND		ug/Kg	5.0	01/27/24	01/27/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	01/27/24	01/27/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	01/27/24	01/27/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	01/27/24	01/27/24
Xylene (total)	ND		ug/Kg	5.0	01/27/24	01/27/24
Surrogates				Limits		
Dibromofluoromethane	96%		%REC	70-130	01/27/24	01/27/24
1,2-Dichloroethane-d4	91%		%REC	70-145	01/27/24	01/27/24
Toluene-d8	100%		%REC	70-145	01/27/24	01/27/24
Bromofluorobenzene	104%		%REC	70-145	01/27/24	01/27/24

Type: Lab Control Sample	Lab ID: QC1125913	Batch: 332280
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1125913 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.73	50.00	ug/Kg	113%		70-131
MTBE	47.57	50.00	ug/Kg	95%		69-130
Benzene	49.36	50.00	ug/Kg	99%		70-130
Trichloroethene	50.61	50.00	ug/Kg	101%		70-130
Toluene	51.92	50.00	ug/Kg	104%		70-130
Chlorobenzene	54.12	50.00	ug/Kg	108%		70-130
Surrogates						
Dibromofluoromethane	50.64	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	55.69	50.00	ug/Kg	111%		70-145
Toluene-d8	51.30	50.00	ug/Kg	103%		70-145
Bromofluorobenzene	50.40	50.00	ug/Kg	101%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1125914	Batch: 332280
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1125914 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	59.51	50.00	ug/Kg	119%		70-131	5	33
MTBE	49.09	50.00	ug/Kg	98%		69-130	3	30
Benzene	48.83	50.00	ug/Kg	98%		70-130	1	30
Trichloroethene	51.27	50.00	ug/Kg	103%		70-130	1	30
Toluene	53.37	50.00	ug/Kg	107%		70-130	3	30
Chlorobenzene	54.15	50.00	ug/Kg	108%		70-130	0	30
Surrogates								
Dibromofluoromethane	49.41	50.00	ug/Kg	99%		70-130		
1,2-Dichloroethane-d4	51.84	50.00	ug/Kg	104%		70-145		
Toluene-d8	50.61	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	49.53	50.00	ug/Kg	99%		70-145		

Batch QC

Type: Blank	Lab ID: QC1125917	Batch: 332280
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1125917 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	02/05/24	02/05/24
Freon 12	ND		ug/Kg	5.0	02/05/24	02/05/24
Chloromethane	ND		ug/Kg	5.0	02/05/24	02/05/24
Vinyl Chloride	ND		ug/Kg	5.0	02/05/24	02/05/24
Bromomethane	ND		ug/Kg	5.0	02/05/24	02/05/24
Chloroethane	ND		ug/Kg	5.0	02/05/24	02/05/24
Trichlorofluoromethane	ND		ug/Kg	5.0	02/05/24	02/05/24
Acetone	ND		ug/Kg	100	02/05/24	02/05/24
Freon 113	ND		ug/Kg	5.0	02/05/24	02/05/24
1,1-Dichloroethene	ND		ug/Kg	5.0	02/05/24	02/05/24
Methylene Chloride	ND		ug/Kg	5.0	02/05/24	02/05/24
MTBE	ND		ug/Kg	5.0	02/05/24	02/05/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,1-Dichloroethane	ND		ug/Kg	5.0	02/05/24	02/05/24
2-Butanone	ND		ug/Kg	100	02/05/24	02/05/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	02/05/24	02/05/24
2,2-Dichloropropane	ND		ug/Kg	5.0	02/05/24	02/05/24
Chloroform	ND		ug/Kg	5.0	02/05/24	02/05/24
Bromochloromethane	ND		ug/Kg	5.0	02/05/24	02/05/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	02/05/24	02/05/24
1,1-Dichloropropene	ND		ug/Kg	5.0	02/05/24	02/05/24
Carbon Tetrachloride	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2-Dichloroethane	ND		ug/Kg	5.0	02/05/24	02/05/24
Benzene	ND		ug/Kg	5.0	02/05/24	02/05/24
Trichloroethene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2-Dichloropropane	ND		ug/Kg	5.0	02/05/24	02/05/24
Bromodichloromethane	ND		ug/Kg	5.0	02/05/24	02/05/24
Dibromomethane	ND		ug/Kg	5.0	02/05/24	02/05/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	02/05/24	02/05/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	02/05/24	02/05/24
Toluene	ND		ug/Kg	5.0	02/05/24	02/05/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	02/05/24	02/05/24
1,3-Dichloropropane	ND		ug/Kg	5.0	02/05/24	02/05/24
Tetrachloroethene	ND		ug/Kg	5.0	02/05/24	02/05/24
Dibromochloromethane	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2-Dibromoethane	ND		ug/Kg	5.0	02/05/24	02/05/24
Chlorobenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	02/05/24	02/05/24
Ethylbenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
m,p-Xylenes	ND		ug/Kg	10	02/05/24	02/05/24
o-Xylene	ND		ug/Kg	5.0	02/05/24	02/05/24
Styrene	ND		ug/Kg	5.0	02/05/24	02/05/24
Bromoform	ND		ug/Kg	5.0	02/05/24	02/05/24
Isopropylbenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	02/05/24	02/05/24

Batch QC

QC1125917 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
Bromobenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
2-Chlorotoluene	ND		ug/Kg	5.0	02/05/24	02/05/24
4-Chlorotoluene	ND		ug/Kg	5.0	02/05/24	02/05/24
tert-Butylbenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
sec-Butylbenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
n-Butylbenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
Hexachlorobutadiene	ND		ug/Kg	5.0	02/05/24	02/05/24
Naphthalene	ND		ug/Kg	5.0	02/05/24	02/05/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	02/05/24	02/05/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	02/05/24	02/05/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	02/05/24	02/05/24
Xylene (total)	ND		ug/Kg	5.0	02/05/24	02/05/24
Surrogates				Limits		
Dibromofluoromethane	95%		%REC	70-130	02/05/24	02/05/24
1,2-Dichloroethane-d4	107%		%REC	70-145	02/05/24	02/05/24
Toluene-d8	102%		%REC	70-145	02/05/24	02/05/24
Bromofluorobenzene	104%		%REC	70-145	02/05/24	02/05/24

Batch QC

Type: Blank	Lab ID: QC1123614	Batch: 331589
Matrix: Soil		

QC1123614 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8270C-SIM						
Prep Method: EPA 3546						
1-Methylnaphthalene	ND		ug/Kg	10	01/28/24	01/29/24
2-Methylnaphthalene	ND		ug/Kg	10	01/28/24	01/29/24
Naphthalene	ND		ug/Kg	10	01/28/24	01/29/24
Acenaphthylene	ND		ug/Kg	10	01/28/24	01/29/24
Acenaphthene	ND		ug/Kg	10	01/28/24	01/29/24
Fluorene	ND		ug/Kg	10	01/28/24	01/29/24
Phenanthrene	ND		ug/Kg	10	01/28/24	01/29/24
Anthracene	ND		ug/Kg	10	01/28/24	01/29/24
Fluoranthene	ND		ug/Kg	10	01/28/24	01/29/24
Pyrene	ND		ug/Kg	10	01/28/24	01/29/24
Benzo(a)anthracene	ND		ug/Kg	10	01/28/24	01/29/24
Chrysene	ND		ug/Kg	10	01/28/24	01/29/24
Benzo(b)fluoranthene	ND		ug/Kg	10	01/28/24	01/29/24
Benzo(k)fluoranthene	ND		ug/Kg	10	01/28/24	01/29/24
Benzo(a)pyrene	ND		ug/Kg	10	01/28/24	01/29/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	01/28/24	01/29/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	01/28/24	01/29/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	01/28/24	01/29/24
Surrogates				Limits		
Nitrobenzene-d5	102%		%REC	27-125	01/28/24	01/29/24
2-Fluorobiphenyl	82%		%REC	30-120	01/28/24	01/29/24
Terphenyl-d14	91%		%REC	33-155	01/28/24	01/29/24
Method: EPA 8270C						
Prep Method: EPA 3546						
Carbazole	ND		ug/Kg	250	01/28/24	01/29/24
1-Methylnaphthalene	ND		ug/Kg	250	01/28/24	01/29/24
Pyridine	ND		ug/Kg	250	01/28/24	01/29/24
N-Nitrosodimethylamine	ND		ug/Kg	250	01/28/24	01/29/24
Phenol	ND		ug/Kg	250	01/28/24	01/29/24
Aniline	ND		ug/Kg	250	01/28/24	01/29/24
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	01/28/24	01/29/24
2-Chlorophenol	ND		ug/Kg	250	01/28/24	01/29/24
1,3-Dichlorobenzene	ND		ug/Kg	250	01/28/24	01/29/24
1,4-Dichlorobenzene	ND		ug/Kg	250	01/28/24	01/29/24
Benzyl alcohol	ND		ug/Kg	250	01/28/24	01/29/24
1,2-Dichlorobenzene	ND		ug/Kg	250	01/28/24	01/29/24
2-Methylphenol	ND		ug/Kg	250	01/28/24	01/29/24
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	01/28/24	01/29/24
3-,4-Methylphenol	ND		ug/Kg	400	01/28/24	01/29/24
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	01/28/24	01/29/24
Hexachloroethane	ND		ug/Kg	250	01/28/24	01/29/24
Nitrobenzene	ND		ug/Kg	1,200	01/28/24	01/29/24
Isophorone	ND		ug/Kg	250	01/28/24	01/29/24
2-Nitrophenol	ND		ug/Kg	250	01/28/24	01/29/24
2,4-Dimethylphenol	ND		ug/Kg	250	01/28/24	01/29/24

Batch QC

QC1123614 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Benzoic acid	ND		ug/Kg	1,200	01/28/24	01/29/24
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	01/28/24	01/29/24
2,4-Dichlorophenol	ND		ug/Kg	250	01/28/24	01/29/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	01/28/24	01/29/24
4-Chloroaniline	ND		ug/Kg	250	01/28/24	01/29/24
Hexachlorobutadiene	ND		ug/Kg	250	01/28/24	01/29/24
4-Chloro-3-methylphenol	ND		ug/Kg	250	01/28/24	01/29/24
2-Methylnaphthalene	ND		ug/Kg	250	01/28/24	01/29/24
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	01/28/24	01/29/24
2,4,6-Trichlorophenol	ND		ug/Kg	250	01/28/24	01/29/24
2,4,5-Trichlorophenol	ND		ug/Kg	250	01/28/24	01/29/24
2-Chloronaphthalene	ND		ug/Kg	250	01/28/24	01/29/24
2-Nitroaniline	ND		ug/Kg	250	01/28/24	01/29/24
Dimethylphthalate	ND		ug/Kg	250	01/28/24	01/29/24
2,6-Dinitrotoluene	ND		ug/Kg	250	01/28/24	01/29/24
3-Nitroaniline	ND		ug/Kg	250	01/28/24	01/29/24
2,4-Dinitrophenol	ND		ug/Kg	1,200	01/28/24	01/29/24
4-Nitrophenol	ND		ug/Kg	250	01/28/24	01/29/24
Dibenzofuran	ND		ug/Kg	250	01/28/24	01/29/24
2,4-Dinitrotoluene	ND		ug/Kg	250	01/28/24	01/29/24
Diethylphthalate	ND		ug/Kg	250	01/28/24	01/29/24
4-Chlorophenyl-phenylether	ND		ug/Kg	250	01/28/24	01/29/24
4-Nitroaniline	ND		ug/Kg	250	01/28/24	01/29/24
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	01/28/24	01/29/24
N-Nitrosodiphenylamine	ND		ug/Kg	250	01/28/24	01/29/24
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	01/28/24	01/29/24
4-Bromophenyl-phenylether	ND		ug/Kg	250	01/28/24	01/29/24
Hexachlorobenzene	ND		ug/Kg	250	01/28/24	01/29/24
Pentachlorophenol	ND		ug/Kg	1,200	01/28/24	01/29/24
Di-n-butylphthalate	ND		ug/Kg	250	01/28/24	01/29/24
Benzidine	ND		ug/Kg	1,200	01/28/24	01/29/24
Butylbenzylphthalate	ND		ug/Kg	250	01/28/24	01/29/24
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	01/28/24	01/29/24
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	01/28/24	01/29/24
Di-n-octylphthalate	ND		ug/Kg	250	01/28/24	01/29/24
Surrogates				Limits		
2-Fluorophenol	85%		%REC	29-120	01/28/24	01/29/24
Phenol-d6	86%		%REC	30-120	01/28/24	01/29/24
2,4,6-Tribromophenol	67%		%REC	32-120	01/28/24	01/29/24
Nitrobenzene-d5	87%		%REC	33-120	01/28/24	01/29/24
2-Fluorobiphenyl	85%		%REC	39-120	01/28/24	01/29/24
Terphenyl-d14	96%		%REC	44-125	01/28/24	01/29/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1123615	Batch: 331589
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1123615 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	3,334	3731	ug/Kg	89%		42-120
2-Chlorophenol	3,359	3731	ug/Kg	90%		41-120
1,4-Dichlorobenzene	3,450	3731	ug/Kg	92%		36-120
3-,4-Methylphenol	3,522	3731	ug/Kg	94%		42-120
N-Nitroso-di-n-propylamine	3,423	3731	ug/Kg	92%		43-121
2,4-Dimethylphenol	3,047	3731	ug/Kg	82%		25-120
1,2,4-Trichlorobenzene	3,400	3731	ug/Kg	91%		38-120
4-Chloro-3-methylphenol	3,475	3731	ug/Kg	93%		40-125
2,4,5-Trichlorophenol	3,814	3731	ug/Kg	102%		40-124
4-Nitrophenol	3,074	3731	ug/Kg	82%		24-128
2,4-Dinitrotoluene	3,845	3731	ug/Kg	103%		40-131
Pentachlorophenol	2,822	3731	ug/Kg	76%		35-120
Surrogates						
2-Fluorophenol	1,736	1990	ug/Kg	87%		29-120
Phenol-d6	1,805	1990	ug/Kg	91%		30-120
2,4,6-Tribromophenol	2,139	1990	ug/Kg	107%		32-120
Nitrobenzene-d5	1,677	1990	ug/Kg	84%		33-120
2-Fluorobiphenyl	1,883	1990	ug/Kg	95%		39-120
Terphenyl-d14	1,973	1990	ug/Kg	99%		44-125

Type: Matrix Spike	Lab ID: QC1123620	Batch: 331589
Matrix (Source ID): Soil (500850-015)	Method: EPA 8270C	Prep Method: EPA 3546

QC1123620 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,125	ND	3788	ug/Kg	83%		37-120	1
2-Chlorophenol	2,988	ND	3788	ug/Kg	79%		33-120	1
1,4-Dichlorobenzene	2,938	ND	3788	ug/Kg	78%		32-120	1
3-,4-Methylphenol	3,586	ND	3788	ug/Kg	95%		37-120	1
N-Nitroso-di-n-propylamine	3,390	ND	3788	ug/Kg	89%		32-120	1
2,4-Dimethylphenol	2,787	ND	3788	ug/Kg	74%		32-120	1
1,2,4-Trichlorobenzene	3,127	ND	3788	ug/Kg	83%		33-120	1
4-Chloro-3-methylphenol	4,020	ND	3788	ug/Kg	106%		41-121	1
2,4,5-Trichlorophenol	4,251	ND	3788	ug/Kg	112%		40-120	1
4-Nitrophenol	5,514	183.5	3788	ug/Kg	141%	b	20-141	1
2,4-Dinitrotoluene	4,362	ND	3788	ug/Kg	115%		33-128	1
Pentachlorophenol	2,640	ND	3788	ug/Kg	70%		28-132	1
Surrogates								
2-Fluorophenol	1,449		2020	ug/Kg	72%		29-120	1
Phenol-d6	1,613		2020	ug/Kg	80%		30-120	1
2,4,6-Tribromophenol	1,546		2020	ug/Kg	77%		32-120	1
Nitrobenzene-d5	1,649		2020	ug/Kg	82%		33-120	1
2-Fluorobiphenyl	1,625		2020	ug/Kg	80%		39-120	1
Terphenyl-d14	2,047		2020	ug/Kg	101%		44-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123621	Batch: 331589
Matrix (Source ID): Soil (500850-015)	Method: EPA 8270C	Prep Method: EPA 3546

QC1123621 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	2,738	ND	3788	ug/Kg	72%		37-120	13	49	1
2-Chlorophenol	2,714	ND	3788	ug/Kg	72%		33-120	10	52	1
1,4-Dichlorobenzene	2,659	ND	3788	ug/Kg	70%		32-120	10	50	1
3-,4-Methylphenol	3,101	ND	3788	ug/Kg	82%		37-120	14	54	1
N-Nitroso-di-n-propylamine	2,944	ND	3788	ug/Kg	78%		32-120	14	50	1
2,4-Dimethylphenol	2,354	ND	3788	ug/Kg	62%		32-120	17	50	1
1,2,4-Trichlorobenzene	2,783	ND	3788	ug/Kg	73%		33-120	12	50	1
4-Chloro-3-methylphenol	3,521	ND	3788	ug/Kg	93%		41-121	13	43	1
2,4,5-Trichlorophenol	3,749	ND	3788	ug/Kg	99%		40-120	13	47	1
4-Nitrophenol	5,081	183.5	3788	ug/Kg	129%	b	20-141	8	30	1
2,4-Dinitrotoluene	3,974	ND	3788	ug/Kg	105%		33-128	9	50	1
Pentachlorophenol	2,426	ND	3788	ug/Kg	64%		28-132	8	30	1
Surrogates										
2-Fluorophenol	1,328		2020	ug/Kg	66%		29-120			1
Phenol-d6	1,440		2020	ug/Kg	71%		30-120			1
2,4,6-Tribromophenol	1,446		2020	ug/Kg	72%		32-120			1
Nitrobenzene-d5	1,463		2020	ug/Kg	72%		33-120			1
2-Fluorobiphenyl	1,460		2020	ug/Kg	72%		39-120			1
Terphenyl-d14	1,880		2020	ug/Kg	93%		44-125			1

Batch QC

Type: Lab Control Sample	Lab ID: QC1123622	Batch: 331589
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1123622 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	171.2	200.0	ug/Kg	86%		28-130
2-Methylnaphthalene	169.5	200.0	ug/Kg	85%		33-130
Naphthalene	174.0	200.0	ug/Kg	87%		25-130
Acenaphthylene	167.7	200.0	ug/Kg	84%		28-130
Acenaphthene	165.5	200.0	ug/Kg	83%		32-130
Fluorene	177.5	200.0	ug/Kg	89%		35-130
Phenanthrene	176.9	200.0	ug/Kg	88%		35-132
Anthracene	186.5	200.0	ug/Kg	93%		34-136
Fluoranthene	182.7	200.0	ug/Kg	91%		34-139
Pyrene	179.2	200.0	ug/Kg	90%		35-134
Benzo(a)anthracene	193.2	200.0	ug/Kg	97%		30-132
Chrysene	190.9	200.0	ug/Kg	95%		29-130
Benzo(b)fluoranthene	181.1	200.0	ug/Kg	91%		32-137
Benzo(k)fluoranthene	200.3	200.0	ug/Kg	100%		32-130
Benzo(a)pyrene	162.2	200.0	ug/Kg	81%		10-138
Indeno(1,2,3-cd)pyrene	213.6	200.0	ug/Kg	107%		34-132
Dibenz(a,h)anthracene	196.5	200.0	ug/Kg	98%		32-130
Benzo(g,h,i)perylene	193.7	200.0	ug/Kg	97%		27-130
Surrogates						
Nitrobenzene-d5	186.8	200.0	ug/Kg	93%		27-125
2-Fluorobiphenyl	180.8	200.0	ug/Kg	90%		30-120
Terphenyl-d14	179.9	200.0	ug/Kg	90%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1123623	Batch: 331589
Matrix (Source ID): Soil (500736-021)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1123623 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	124.1	ND	202.0	ug/Kg	61%		25-130	4
2-Methylnaphthalene	113.0	ND	202.0	ug/Kg	56%		32-133	4
Naphthalene	104.3	ND	202.0	ug/Kg	52%		33-130	4
Acenaphthylene	141.6	ND	202.0	ug/Kg	70%		14-157	4
Acenaphthene	131.6	ND	202.0	ug/Kg	65%		28-134	4
Fluorene	153.8	ND	202.0	ug/Kg	76%		27-140	4
Phenanthrene	168.3	ND	202.0	ug/Kg	83%		29-147	4
Anthracene	174.6	ND	202.0	ug/Kg	86%		24-156	4
Fluoranthene	178.5	5.391	202.0	ug/Kg	86%		28-160	4
Pyrene	175.3	5.419	202.0	ug/Kg	84%		26-153	4
Benzo(a)anthracene	182.8	ND	202.0	ug/Kg	90%		26-174	4
Chrysene	183.8	9.814	202.0	ug/Kg	86%		40-139	4
Benzo(b)fluoranthene	162.8	7.536	202.0	ug/Kg	77%		36-164	4
Benzo(k)fluoranthene	179.3	ND	202.0	ug/Kg	89%		36-161	4
Benzo(a)pyrene	147.8	ND	202.0	ug/Kg	73%		18-173	4
Indeno(1,2,3-cd)pyrene	160.9	ND	202.0	ug/Kg	80%		26-154	4
Dibenz(a,h)anthracene	146.5	ND	202.0	ug/Kg	73%		38-132	4
Benzo(g,h,i)perylene	148.1	ND	202.0	ug/Kg	73%		36-130	4
Surrogates								
Nitrobenzene-d5	106.4		202.0	ug/Kg	53%		27-125	4
2-Fluorobiphenyl	124.5		202.0	ug/Kg	62%		30-120	4
Terphenyl-d14	164.2		202.0	ug/Kg	81%		33-155	4

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1123624	Batch: 331589
Matrix (Source ID): Soil (500736-021)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1123624 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	112.5	ND	200.0	ug/Kg	56%		25-130	9	35	4
2-Methylnaphthalene	104.9	ND	200.0	ug/Kg	52%		32-133	6	35	4
Naphthalene	101.6	ND	200.0	ug/Kg	51%		33-130	2	35	4
Acenaphthylene	124.1	ND	200.0	ug/Kg	62%		14-157	12	35	4
Acenaphthene	123.1	ND	200.0	ug/Kg	62%		28-134	6	35	4
Fluorene	144.1	ND	200.0	ug/Kg	72%		27-140	5	35	4
Phenanthrene	160.9	ND	200.0	ug/Kg	80%		29-147	3	35	4
Anthracene	165.0	ND	200.0	ug/Kg	83%		24-156	5	35	4
Fluoranthene	167.8	5.391	200.0	ug/Kg	81%		28-160	5	35	4
Pyrene	163.0	5.419	200.0	ug/Kg	79%		26-153	6	35	4
Benzo(a)anthracene	175.9	ND	200.0	ug/Kg	88%		26-174	3	35	4
Chrysene	175.2	9.814	200.0	ug/Kg	83%		40-139	4	35	4
Benzo(b)fluoranthene	148.7	7.536	200.0	ug/Kg	71%		36-164	8	35	4
Benzo(k)fluoranthene	162.1	ND	200.0	ug/Kg	81%		36-161	9	35	4
Benzo(a)pyrene	129.6	ND	200.0	ug/Kg	65%		18-173	12	35	4
Indeno(1,2,3-cd)pyrene	156.8	ND	200.0	ug/Kg	78%		26-154	2	35	4
Dibenz(a,h)anthracene	141.2	ND	200.0	ug/Kg	71%		38-132	3	35	4
Benzo(g,h,i)perylene	147.4	ND	200.0	ug/Kg	74%		36-130	1	35	4
Surrogates										
Nitrobenzene-d5	107.2		200.0	ug/Kg	54%		27-125			4
2-Fluorobiphenyl	114.1		200.0	ug/Kg	57%		30-120			4
Terphenyl-d14	150.6		200.0	ug/Kg	75%		33-155			4

Batch QC

Type: Blank	Lab ID: QC1124187	Batch: 331719
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1124187 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	01/30/24	01/30/24
1-Methylnaphthalene	ND		ug/Kg	250	01/30/24	01/30/24
Pyridine	ND		ug/Kg	250	01/30/24	01/30/24
N-Nitrosodimethylamine	ND		ug/Kg	250	01/30/24	01/30/24
Phenol	ND		ug/Kg	250	01/30/24	01/30/24
Aniline	ND		ug/Kg	250	01/30/24	01/30/24
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	01/30/24	01/30/24
2-Chlorophenol	ND		ug/Kg	250	01/30/24	01/30/24
1,3-Dichlorobenzene	ND		ug/Kg	250	01/30/24	01/30/24
1,4-Dichlorobenzene	ND		ug/Kg	250	01/30/24	01/30/24
Benzyl alcohol	ND		ug/Kg	250	01/30/24	01/30/24
1,2-Dichlorobenzene	ND		ug/Kg	250	01/30/24	01/30/24
2-Methylphenol	ND		ug/Kg	250	01/30/24	01/30/24
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	01/30/24	01/30/24
3-,4-Methylphenol	ND		ug/Kg	400	01/30/24	01/30/24
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	01/30/24	01/30/24
Hexachloroethane	ND		ug/Kg	250	01/30/24	01/30/24
Nitrobenzene	ND		ug/Kg	1,200	01/30/24	01/30/24
Isophorone	ND		ug/Kg	250	01/30/24	01/30/24
2-Nitrophenol	ND		ug/Kg	250	01/30/24	01/30/24
2,4-Dimethylphenol	ND		ug/Kg	250	01/30/24	01/30/24
Benzoic acid	ND		ug/Kg	1,200	01/30/24	01/30/24
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	01/30/24	01/30/24
2,4-Dichlorophenol	ND		ug/Kg	250	01/30/24	01/30/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	01/30/24	01/30/24
4-Chloroaniline	ND		ug/Kg	250	01/30/24	01/30/24
Hexachlorobutadiene	ND		ug/Kg	250	01/30/24	01/30/24
4-Chloro-3-methylphenol	ND		ug/Kg	250	01/30/24	01/30/24
2-Methylnaphthalene	ND		ug/Kg	250	01/30/24	01/30/24
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	01/30/24	01/30/24
2,4,6-Trichlorophenol	ND		ug/Kg	250	01/30/24	01/30/24
2,4,5-Trichlorophenol	ND		ug/Kg	250	01/30/24	01/30/24
2-Chloronaphthalene	ND		ug/Kg	250	01/30/24	01/30/24
2-Nitroaniline	ND		ug/Kg	250	01/30/24	01/30/24
Dimethylphthalate	ND		ug/Kg	250	01/30/24	01/30/24
2,6-Dinitrotoluene	ND		ug/Kg	250	01/30/24	01/30/24
3-Nitroaniline	ND		ug/Kg	250	01/30/24	01/30/24
2,4-Dinitrophenol	ND		ug/Kg	1,200	01/30/24	01/30/24
4-Nitrophenol	ND		ug/Kg	250	01/30/24	01/30/24
Dibenzofuran	ND		ug/Kg	250	01/30/24	01/30/24
2,4-Dinitrotoluene	ND		ug/Kg	250	01/30/24	01/30/24
Diethylphthalate	ND		ug/Kg	250	01/30/24	01/30/24
4-Chlorophenyl-phenylether	ND		ug/Kg	250	01/30/24	01/30/24
4-Nitroaniline	ND		ug/Kg	250	01/30/24	01/30/24
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	01/30/24	01/30/24
N-Nitrosodiphenylamine	ND		ug/Kg	250	01/30/24	01/30/24
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	01/30/24	01/30/24

Batch QC

QC1124187 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
4-Bromophenyl-phenylether	ND		ug/Kg	250	01/30/24	01/30/24
Hexachlorobenzene	ND		ug/Kg	250	01/30/24	01/30/24
Pentachlorophenol	ND		ug/Kg	1,200	01/30/24	01/30/24
Di-n-butylphthalate	ND		ug/Kg	250	01/30/24	01/30/24
Benzidine	ND		ug/Kg	1,200	01/30/24	01/30/24
Butylbenzylphthalate	ND		ug/Kg	250	01/30/24	01/30/24
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	01/30/24	01/30/24
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	01/30/24	01/30/24
Di-n-octylphthalate	ND		ug/Kg	250	01/30/24	01/30/24
Surrogates				Limits		
2-Fluorophenol	95%		%REC	29-120	01/30/24	01/30/24
Phenol-d6	95%		%REC	30-120	01/30/24	01/30/24
2,4,6-Tribromophenol	60%		%REC	32-120	01/30/24	01/30/24
Nitrobenzene-d5	97%		%REC	33-120	01/30/24	01/30/24
2-Fluorobiphenyl	87%		%REC	39-120	01/30/24	01/30/24
Terphenyl-d14	89%		%REC	44-125	01/30/24	01/30/24

Type: Lab Control Sample	Lab ID: QC1124188	Batch: 331719
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1124188 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	4,041	3788	ug/Kg	107%		42-120
2-Chlorophenol	4,051	3788	ug/Kg	107%		41-120
1,4-Dichlorobenzene	4,080	3788	ug/Kg	108%		36-120
3-,4-Methylphenol	4,311	3788	ug/Kg	114%		42-120
N-Nitroso-di-n-propylamine	4,127	3788	ug/Kg	109%		43-121
2,4-Dimethylphenol	3,210	3788	ug/Kg	85%		25-120
1,2,4-Trichlorobenzene	4,003	3788	ug/Kg	106%		38-120
4-Chloro-3-methylphenol	4,005	3788	ug/Kg	106%		40-125
2,4,5-Trichlorophenol	3,975	3788	ug/Kg	105%		40-124
4-Nitrophenol	5,124	3788	ug/Kg	135%	b,*	24-128
2,4-Dinitrotoluene	4,232	3788	ug/Kg	112%		40-131
Pentachlorophenol	2,563	3788	ug/Kg	68%		35-120
Surrogates						
2-Fluorophenol	2,074	2020	ug/Kg	103%		29-120
Phenol-d6	2,126	2020	ug/Kg	105%		30-120
2,4,6-Tribromophenol	1,478	2020	ug/Kg	73%		32-120
Nitrobenzene-d5	2,135	2020	ug/Kg	106%		33-120
2-Fluorobiphenyl	1,904	2020	ug/Kg	94%		39-120
Terphenyl-d14	1,999	2020	ug/Kg	99%		44-125

Batch QC

Type: Matrix Spike	Lab ID: QC1124189	Batch: 331719
Matrix (Source ID): Soil (500902-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1124189 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,722	ND	3750	ug/Kg	99%		37-120	1
2-Chlorophenol	3,787	ND	3750	ug/Kg	101%		33-120	1
1,4-Dichlorobenzene	3,812	ND	3750	ug/Kg	102%		32-120	1
3-,4-Methylphenol	3,812	ND	3750	ug/Kg	102%		37-120	1
N-Nitroso-di-n-propylamine	3,746	ND	3750	ug/Kg	100%		32-120	1
2,4-Dimethylphenol	2,732	ND	3750	ug/Kg	73%		32-120	1
1,2,4-Trichlorobenzene	3,675	ND	3750	ug/Kg	98%		33-120	1
4-Chloro-3-methylphenol	3,716	ND	3750	ug/Kg	99%		41-121	1
2,4,5-Trichlorophenol	3,887	ND	3750	ug/Kg	104%		40-120	1
4-Nitrophenol	5,202	ND	3750	ug/Kg	139%	b	20-141	1
2,4-Dinitrotoluene	4,092	ND	3750	ug/Kg	109%		33-128	1
Pentachlorophenol	2,579	ND	3750	ug/Kg	69%		28-132	1
Surrogates								
2-Fluorophenol	1,923		2000	ug/Kg	96%		29-120	1
Phenol-d6	1,907		2000	ug/Kg	95%		30-120	1
2,4,6-Tribromophenol	1,417		2000	ug/Kg	71%		32-120	1
Nitrobenzene-d5	1,908		2000	ug/Kg	95%		33-120	1
2-Fluorobiphenyl	1,734		2000	ug/Kg	87%		39-120	1
Terphenyl-d14	1,878		2000	ug/Kg	94%		44-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1124190	Batch: 331719
Matrix (Source ID): Soil (500902-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1124190 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,407	ND	3731	ug/Kg	91%		37-120	8	49	1
2-Chlorophenol	3,550	ND	3731	ug/Kg	95%		33-120	6	52	1
1,4-Dichlorobenzene	3,595	ND	3731	ug/Kg	96%		32-120	5	50	1
3-,4-Methylphenol	3,596	ND	3731	ug/Kg	96%		37-120	5	54	1
N-Nitroso-di-n-propylamine	3,435	ND	3731	ug/Kg	92%		32-120	8	50	1
2,4-Dimethylphenol	2,594	ND	3731	ug/Kg	70%		32-120	5	50	1
1,2,4-Trichlorobenzene	3,429	ND	3731	ug/Kg	92%		33-120	6	50	1
4-Chloro-3-methylphenol	3,496	ND	3731	ug/Kg	94%		41-121	6	43	1
2,4,5-Trichlorophenol	3,684	ND	3731	ug/Kg	99%		40-120	5	47	1
4-Nitrophenol	4,839	ND	3731	ug/Kg	130%	b	20-141	7	30	1
2,4-Dinitrotoluene	3,843	ND	3731	ug/Kg	103%		33-128	6	50	1
Pentachlorophenol	2,416	ND	3731	ug/Kg	65%		28-132	6	30	1
Surrogates										
2-Fluorophenol	1,784		1990	ug/Kg	90%		29-120			1
Phenol-d6	1,759		1990	ug/Kg	88%		30-120			1
2,4,6-Tribromophenol	1,349		1990	ug/Kg	68%		32-120			1
Nitrobenzene-d5	1,788		1990	ug/Kg	90%		33-120			1
2-Fluorobiphenyl	1,633		1990	ug/Kg	82%		39-120			1
Terphenyl-d14	1,806		1990	ug/Kg	91%		44-125			1

Batch QC

Type: Blank	Lab ID: QC1125845	Batch: 331719
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125845 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	9.9	01/30/24	02/02/24
2-Methylnaphthalene	ND		ug/Kg	9.9	01/30/24	02/02/24
Naphthalene	ND		ug/Kg	9.9	01/30/24	02/02/24
Acenaphthylene	ND		ug/Kg	9.9	01/30/24	02/02/24
Acenaphthene	ND		ug/Kg	9.9	01/30/24	02/02/24
Fluorene	ND		ug/Kg	9.9	01/30/24	02/02/24
Phenanthrene	ND		ug/Kg	9.9	01/30/24	02/02/24
Anthracene	ND		ug/Kg	9.9	01/30/24	02/02/24
Fluoranthene	ND		ug/Kg	9.9	01/30/24	02/02/24
Pyrene	ND		ug/Kg	9.9	01/30/24	02/02/24
Benzo(a)anthracene	ND		ug/Kg	9.9	01/30/24	02/02/24
Chrysene	ND		ug/Kg	9.9	01/30/24	02/02/24
Benzo(b)fluoranthene	ND		ug/Kg	9.9	01/30/24	02/02/24
Benzo(k)fluoranthene	ND		ug/Kg	9.9	01/30/24	02/02/24
Benzo(a)pyrene	ND		ug/Kg	9.9	01/30/24	02/02/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	01/30/24	02/02/24
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	01/30/24	02/02/24
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	01/30/24	02/02/24
Surrogates				Limits		
Nitrobenzene-d5	81%		%REC	27-125	01/30/24	02/02/24
2-Fluorobiphenyl	79%		%REC	30-120	01/30/24	02/02/24
Terphenyl-d14	82%		%REC	33-155	01/30/24	02/02/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1125846	Batch: 331719
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125846 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	136.0	201.0	ug/Kg	68%		28-130
2-Methylnaphthalene	137.9	201.0	ug/Kg	69%		33-130
Naphthalene	135.3	201.0	ug/Kg	67%		25-130
Acenaphthylene	147.7	201.0	ug/Kg	73%		28-130
Acenaphthene	140.5	201.0	ug/Kg	70%		32-130
Fluorene	154.2	201.0	ug/Kg	77%		35-130
Phenanthrene	159.6	201.0	ug/Kg	79%		35-132
Anthracene	160.9	201.0	ug/Kg	80%		34-136
Fluoranthene	169.5	201.0	ug/Kg	84%		34-139
Pyrene	168.5	201.0	ug/Kg	84%		35-134
Benzo(a)anthracene	169.1	201.0	ug/Kg	84%		30-132
Chrysene	160.8	201.0	ug/Kg	80%		29-130
Benzo(b)fluoranthene	164.1	201.0	ug/Kg	82%		32-137
Benzo(k)fluoranthene	170.2	201.0	ug/Kg	85%		32-130
Benzo(a)pyrene	143.5	201.0	ug/Kg	71%		10-138
Indeno(1,2,3-cd)pyrene	161.6	201.0	ug/Kg	80%		34-132
Dibenz(a,h)anthracene	149.0	201.0	ug/Kg	74%		32-130
Benzo(g,h,i)perylene	140.6	201.0	ug/Kg	70%		27-130
Surrogates						
Nitrobenzene-d5	149.0	201.0	ug/Kg	74%		27-125
2-Fluorobiphenyl	149.4	201.0	ug/Kg	74%		30-120
Terphenyl-d14	172.8	201.0	ug/Kg	86%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1125895	Batch: 331719
Matrix (Source ID): Soil (500886-002)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125895 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	189.9	ND	200.0	ug/Kg	95%		25-130	50
2-Methylnaphthalene	194.9	ND	200.0	ug/Kg	97%		32-133	50
Naphthalene	184.7	ND	200.0	ug/Kg	92%		33-130	50
Acenaphthylene	191.0	ND	200.0	ug/Kg	96%		14-157	50
Acenaphthene	180.8	ND	200.0	ug/Kg	90%		28-134	50
Fluorene	185.7	ND	200.0	ug/Kg		DO	27-140	50
Phenanthrene	203.8	ND	200.0	ug/Kg	102%		29-147	50
Anthracene	190.7	ND	200.0	ug/Kg	95%		24-156	50
Fluoranthene	208.4	ND	200.0	ug/Kg	104%		28-160	50
Pyrene	212.8	ND	200.0	ug/Kg	106%		26-153	50
Benzo(a)anthracene	200.8	ND	200.0	ug/Kg	100%		26-174	50
Chrysene	224.6	ND	200.0	ug/Kg	112%		40-139	50
Benzo(b)fluoranthene	186.5	ND	200.0	ug/Kg		DO	36-164	50
Benzo(k)fluoranthene	181.3	ND	200.0	ug/Kg	91%		36-161	50
Benzo(a)pyrene	159.2	ND	200.0	ug/Kg	80%		18-173	50
Indeno(1,2,3-cd)pyrene	173.2	ND	200.0	ug/Kg		DO	26-154	50
Dibenz(a,h)anthracene	154.5	ND	200.0	ug/Kg		DO	38-132	50
Benzo(g,h,i)perylene	179.9	ND	200.0	ug/Kg		DO	36-130	50
Surrogates								
Nitrobenzene-d5	181.3		200.0	ug/Kg	91%		27-125	50
2-Fluorobiphenyl	204.0		200.0	ug/Kg	102%		30-120	50
Terphenyl-d14	194.0		200.0	ug/Kg	97%		33-155	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1125896	Batch: 331719
Matrix (Source ID): Soil (500886-002)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125896 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	168.8	ND	199.0	ug/Kg		DO	25-130		35	50
2-Methylnaphthalene	167.7	ND	199.0	ug/Kg		DO	32-133		35	50
Naphthalene	165.0	ND	199.0	ug/Kg		DO	33-130		35	50
Acenaphthylene	170.8	ND	199.0	ug/Kg	86%		14-157	11	35	50
Acenaphthene	166.4	ND	199.0	ug/Kg		DO	28-134		35	50
Fluorene	171.5	ND	199.0	ug/Kg		DO	27-140		35	50
Phenanthrene	189.8	ND	199.0	ug/Kg		DO	29-147		35	50
Anthracene	169.9	ND	199.0	ug/Kg	85%		24-156	11	35	50
Fluoranthene	182.2	ND	199.0	ug/Kg	92%		28-160	13	35	50
Pyrene	186.3	ND	199.0	ug/Kg	94%		26-153	13	35	50
Benzo(a)anthracene	186.1	ND	199.0	ug/Kg	94%		26-174	7	35	50
Chrysene	207.1	ND	199.0	ug/Kg	104%		40-139	8	35	50
Benzo(b)fluoranthene	170.8	ND	199.0	ug/Kg		DO	36-164		35	50
Benzo(k)fluoranthene	168.3	ND	199.0	ug/Kg	85%		36-161	7	35	50
Benzo(a)pyrene	145.2	ND	199.0	ug/Kg	73%		18-173	9	35	50
Indeno(1,2,3-cd)pyrene	166.7	ND	199.0	ug/Kg		DO	26-154		35	50
Dibenz(a,h)anthracene	151.3	ND	199.0	ug/Kg		DO	38-132		35	50
Benzo(g,h,i)perylene	177.3	ND	199.0	ug/Kg		DO	36-130		35	50
Surrogates										
Nitrobenzene-d5	165.9		199.0	ug/Kg	83%		27-125			50
2-Fluorobiphenyl	177.0		199.0	ug/Kg	89%		30-120			50
Terphenyl-d14	170.3		199.0	ug/Kg	86%		33-155			50

Batch QC

Type: Blank	Lab ID: QC1125193	Batch: 332070
Matrix: Soil		

QC1125193 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8270C-SIM						
Prep Method: EPA 3546						
1-Methylnaphthalene	ND		ug/Kg	10	02/02/24	02/04/24
2-Methylnaphthalene	ND		ug/Kg	10	02/02/24	02/04/24
Naphthalene	ND		ug/Kg	10	02/02/24	02/04/24
Acenaphthylene	ND		ug/Kg	10	02/02/24	02/04/24
Acenaphthene	ND		ug/Kg	10	02/02/24	02/04/24
Fluorene	ND		ug/Kg	10	02/02/24	02/04/24
Phenanthrene	ND		ug/Kg	10	02/02/24	02/04/24
Anthracene	ND		ug/Kg	10	02/02/24	02/04/24
Fluoranthene	ND		ug/Kg	10	02/02/24	02/04/24
Pyrene	ND		ug/Kg	10	02/02/24	02/04/24
Benzo(a)anthracene	ND		ug/Kg	10	02/02/24	02/04/24
Chrysene	ND		ug/Kg	10	02/02/24	02/04/24
Benzo(b)fluoranthene	ND		ug/Kg	10	02/02/24	02/04/24
Benzo(k)fluoranthene	ND		ug/Kg	10	02/02/24	02/04/24
Benzo(a)pyrene	ND		ug/Kg	10	02/02/24	02/04/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	02/02/24	02/04/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	02/02/24	02/04/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	02/02/24	02/04/24
Surrogates				Limits		
Nitrobenzene-d5	102%		%REC	27-125	02/02/24	02/04/24
2-Fluorobiphenyl	97%		%REC	30-120	02/02/24	02/04/24
Terphenyl-d14	108%		%REC	33-155	02/02/24	02/04/24
Method: EPA 8270C						
Prep Method: EPA 3546						
Carbazole	ND		ug/Kg	250	02/02/24	02/05/24
1-Methylnaphthalene	ND		ug/Kg	250	02/02/24	02/05/24
Pyridine	ND		ug/Kg	250	02/02/24	02/05/24
N-Nitrosodimethylamine	ND		ug/Kg	250	02/02/24	02/05/24
Phenol	ND		ug/Kg	250	02/02/24	02/05/24
Aniline	ND		ug/Kg	250	02/02/24	02/05/24
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	02/02/24	02/05/24
2-Chlorophenol	ND		ug/Kg	250	02/02/24	02/05/24
1,3-Dichlorobenzene	ND		ug/Kg	250	02/02/24	02/05/24
1,4-Dichlorobenzene	ND		ug/Kg	250	02/02/24	02/05/24
Benzyl alcohol	ND		ug/Kg	250	02/02/24	02/05/24
1,2-Dichlorobenzene	ND		ug/Kg	250	02/02/24	02/05/24
2-Methylphenol	ND		ug/Kg	250	02/02/24	02/05/24
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	02/02/24	02/05/24
3-,4-Methylphenol	ND		ug/Kg	400	02/02/24	02/05/24
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	02/02/24	02/05/24
Hexachloroethane	ND		ug/Kg	250	02/02/24	02/05/24
Nitrobenzene	ND		ug/Kg	1,200	02/02/24	02/05/24
Isophorone	ND		ug/Kg	250	02/02/24	02/05/24
2-Nitrophenol	ND		ug/Kg	250	02/02/24	02/05/24
2,4-Dimethylphenol	ND		ug/Kg	250	02/02/24	02/05/24

Batch QC

QC1125193 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Benzoic acid	ND		ug/Kg	1,200	02/02/24	02/05/24
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	02/02/24	02/05/24
2,4-Dichlorophenol	ND		ug/Kg	250	02/02/24	02/05/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	02/02/24	02/05/24
4-Chloroaniline	ND		ug/Kg	250	02/02/24	02/05/24
Hexachlorobutadiene	ND		ug/Kg	250	02/02/24	02/05/24
4-Chloro-3-methylphenol	ND		ug/Kg	250	02/02/24	02/05/24
2-Methylnaphthalene	ND		ug/Kg	250	02/02/24	02/05/24
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	02/02/24	02/05/24
2,4,6-Trichlorophenol	ND		ug/Kg	250	02/02/24	02/05/24
2,4,5-Trichlorophenol	ND		ug/Kg	250	02/02/24	02/05/24
2-Chloronaphthalene	ND		ug/Kg	250	02/02/24	02/05/24
2-Nitroaniline	ND		ug/Kg	250	02/02/24	02/05/24
Dimethylphthalate	ND		ug/Kg	250	02/02/24	02/05/24
2,6-Dinitrotoluene	ND		ug/Kg	250	02/02/24	02/05/24
3-Nitroaniline	ND		ug/Kg	250	02/02/24	02/05/24
2,4-Dinitrophenol	ND		ug/Kg	1,200	02/02/24	02/05/24
4-Nitrophenol	ND		ug/Kg	250	02/02/24	02/05/24
Dibenzofuran	ND		ug/Kg	250	02/02/24	02/05/24
2,4-Dinitrotoluene	ND		ug/Kg	250	02/02/24	02/05/24
Diethylphthalate	ND		ug/Kg	250	02/02/24	02/05/24
4-Chlorophenyl-phenylether	ND		ug/Kg	250	02/02/24	02/05/24
4-Nitroaniline	ND		ug/Kg	250	02/02/24	02/05/24
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	02/02/24	02/05/24
N-Nitrosodiphenylamine	ND		ug/Kg	250	02/02/24	02/05/24
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	02/02/24	02/05/24
4-Bromophenyl-phenylether	ND		ug/Kg	250	02/02/24	02/05/24
Hexachlorobenzene	ND		ug/Kg	250	02/02/24	02/05/24
Pentachlorophenol	ND		ug/Kg	1,200	02/02/24	02/05/24
Di-n-butylphthalate	ND		ug/Kg	250	02/02/24	02/05/24
Benzidine	ND		ug/Kg	1,200	02/02/24	02/05/24
Butylbenzylphthalate	ND		ug/Kg	250	02/02/24	02/05/24
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	02/02/24	02/05/24
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	02/02/24	02/05/24
Di-n-octylphthalate	ND		ug/Kg	250	02/02/24	02/05/24
Surrogates				Limits		
2-Fluorophenol	87%		%REC	29-120	02/02/24	02/05/24
Phenol-d6	89%		%REC	30-120	02/02/24	02/05/24
2,4,6-Tribromophenol	69%		%REC	32-120	02/02/24	02/05/24
Nitrobenzene-d5	89%		%REC	33-120	02/02/24	02/05/24
2-Fluorobiphenyl	88%		%REC	39-120	02/02/24	02/05/24
Terphenyl-d14	94%		%REC	44-125	02/02/24	02/05/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1125194	Batch: 332070
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1125194 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	3,711	3750	ug/Kg	99%		42-120
2-Chlorophenol	3,852	3750	ug/Kg	103%		41-120
1,4-Dichlorobenzene	3,861	3750	ug/Kg	103%		36-120
3-,4-Methylphenol	4,089	3750	ug/Kg	109%		42-120
N-Nitroso-di-n-propylamine	3,931	3750	ug/Kg	105%		43-121
2,4-Dimethylphenol	3,079	3750	ug/Kg	82%		25-120
1,2,4-Trichlorobenzene	3,875	3750	ug/Kg	103%		38-120
4-Chloro-3-methylphenol	4,101	3750	ug/Kg	109%		40-125
2,4,5-Trichlorophenol	4,215	3750	ug/Kg	112%		40-124
4-Nitrophenol	3,272	3750	ug/Kg	87%		24-128
2,4-Dinitrotoluene	4,479	3750	ug/Kg	119%		40-131
Pentachlorophenol	2,435	3750	ug/Kg	65%		35-120
Surrogates						
2-Fluorophenol	1,878	2000	ug/Kg	94%		29-120
Phenol-d6	1,961	2000	ug/Kg	98%		30-120
2,4,6-Tribromophenol	1,578	2000	ug/Kg	79%		32-120
Nitrobenzene-d5	1,973	2000	ug/Kg	99%		33-120
2-Fluorobiphenyl	1,925	2000	ug/Kg	96%		39-120
Terphenyl-d14	2,090	2000	ug/Kg	104%		44-125

Type: Matrix Spike	Lab ID: QC1125195	Batch: 332070
Matrix (Source ID): Soil (500850-031)	Method: EPA 8270C	Prep Method: EPA 3546

QC1125195 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	2,910	ND	3750	ug/Kg	78%		37-120	25
2-Chlorophenol	2,950	ND	3750	ug/Kg	79%		33-120	25
1,4-Dichlorobenzene	3,288	ND	3750	ug/Kg	88%		32-120	25
3-,4-Methylphenol	2,901	ND	3750	ug/Kg	77%		37-120	25
N-Nitroso-di-n-propylamine	2,875	ND	3750	ug/Kg	77%		32-120	25
2,4-Dimethylphenol	2,420	ND	3750	ug/Kg	65%		32-120	25
1,2,4-Trichlorobenzene	3,276	ND	3750	ug/Kg	87%		33-120	25
4-Chloro-3-methylphenol	2,954	ND	3750	ug/Kg	79%		41-121	25
2,4,5-Trichlorophenol	3,368	ND	3750	ug/Kg	90%		40-120	25
4-Nitrophenol	5,747	ND	3750	ug/Kg		DO	20-141	25
2,4-Dinitrotoluene	3,010	ND	3750	ug/Kg	80%		33-128	25
Pentachlorophenol	0	ND	3750	ug/Kg		DO	28-132	25
Surrogates								
2-Fluorophenol	902.2		2000	ug/Kg	45%		29-120	25
Phenol-d6	1,203		2000	ug/Kg	60%		30-120	25
2,4,6-Tribromophenol	969.9		2000	ug/Kg	48%		32-120	25
Nitrobenzene-d5	1,443		2000	ug/Kg	72%		33-120	25
2-Fluorobiphenyl	1,819		2000	ug/Kg	91%		39-120	25
Terphenyl-d14	1,885		2000	ug/Kg	94%		44-125	25

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1125196	Batch: 332070
Matrix (Source ID): Soil (500850-031)	Method: EPA 8270C	Prep Method: EPA 3546

QC1125196 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	2,994	ND	3731	ug/Kg	80%		37-120	3	49	25
2-Chlorophenol	2,831	ND	3731	ug/Kg		DO	33-120		52	25
1,4-Dichlorobenzene	3,437	ND	3731	ug/Kg	92%		32-120	5	50	25
3-,4-Methylphenol	3,064	ND	3731	ug/Kg	82%		37-120	6	54	25
N-Nitroso-di-n-propylamine	3,066	ND	3731	ug/Kg	82%		32-120	7	50	25
2,4-Dimethylphenol	2,497	ND	3731	ug/Kg	67%		32-120	4	50	25
1,2,4-Trichlorobenzene	3,534	ND	3731	ug/Kg	95%		33-120	8	50	25
4-Chloro-3-methylphenol	2,931	ND	3731	ug/Kg	79%		41-121	0	43	25
2,4,5-Trichlorophenol	3,349	ND	3731	ug/Kg	90%		40-120	0	47	25
4-Nitrophenol	5,888	ND	3731	ug/Kg		DO	20-141		30	25
2,4-Dinitrotoluene	3,231	ND	3731	ug/Kg	87%		33-128	8	50	25
Pentachlorophenol	7,379	ND	3731	ug/Kg		DO	28-132		30	25
Surrogates										
2-Fluorophenol	1,033		1990	ug/Kg	52%		29-120			25
Phenol-d6	1,307		1990	ug/Kg	66%		30-120			25
2,4,6-Tribromophenol	1,218		1990	ug/Kg	61%		32-120			25
Nitrobenzene-d5	1,447		1990	ug/Kg	73%		33-120			25
2-Fluorobiphenyl	1,642		1990	ug/Kg	83%		39-120			25
Terphenyl-d14	1,781		1990	ug/Kg	90%		44-125			25

Batch QC

Type: Lab Control Sample	Lab ID: QC1125197	Batch: 332070
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125197 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	175.6	200.0	ug/Kg	88%		28-130
2-Methylnaphthalene	178.9	200.0	ug/Kg	89%		33-130
Naphthalene	178.5	200.0	ug/Kg	89%		25-130
Acenaphthylene	189.3	200.0	ug/Kg	95%		28-130
Acenaphthene	174.0	200.0	ug/Kg	87%		32-130
Fluorene	190.5	200.0	ug/Kg	95%		35-130
Phenanthrene	185.8	200.0	ug/Kg	93%		35-132
Anthracene	189.8	200.0	ug/Kg	95%		34-136
Fluoranthene	202.8	200.0	ug/Kg	101%		34-139
Pyrene	198.2	200.0	ug/Kg	99%		35-134
Benzo(a)anthracene	196.9	200.0	ug/Kg	98%		30-132
Chrysene	188.0	200.0	ug/Kg	94%		29-130
Benzo(b)fluoranthene	193.6	200.0	ug/Kg	97%		32-137
Benzo(k)fluoranthene	206.8	200.0	ug/Kg	103%		32-130
Benzo(a)pyrene	173.2	200.0	ug/Kg	87%		10-138
Indeno(1,2,3-cd)pyrene	196.8	200.0	ug/Kg	98%		34-132
Dibenz(a,h)anthracene	180.7	200.0	ug/Kg	90%		32-130
Benzo(g,h,i)perylene	172.3	200.0	ug/Kg	86%		27-130
Surrogates						
Nitrobenzene-d5	205.6	200.0	ug/Kg	103%		27-125
2-Fluorobiphenyl	183.5	200.0	ug/Kg	92%		30-120
Terphenyl-d14	196.2	200.0	ug/Kg	98%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1125198	Batch: 332070
Matrix (Source ID): Soil (501113-022)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	109.1	ND	200.0	ug/Kg	55%		25-130	25
2-Methylnaphthalene	109.2	ND	200.0	ug/Kg	55%		32-133	25
Naphthalene	113.0	ND	200.0	ug/Kg	56%		33-130	25
Acenaphthylene	132.0	ND	200.0	ug/Kg	66%		14-157	25
Acenaphthene	129.1	ND	200.0	ug/Kg	65%		28-134	25
Fluorene	160.9	ND	200.0	ug/Kg	80%		27-140	25
Phenanthrene	214.9	ND	200.0	ug/Kg	107%		29-147	25
Anthracene	185.9	ND	200.0	ug/Kg	93%		24-156	25
Fluoranthene	242.8	ND	200.0	ug/Kg	121%		28-160	25
Pyrene	258.2	ND	200.0	ug/Kg	129%		26-153	25
Benzo(a)anthracene	200.0	ND	200.0	ug/Kg	100%		26-174	25
Chrysene	220.2	ND	200.0	ug/Kg	110%		40-139	25
Benzo(b)fluoranthene	207.1	ND	200.0	ug/Kg	104%		36-164	25
Benzo(k)fluoranthene	195.2	ND	200.0	ug/Kg	98%		36-161	25
Benzo(a)pyrene	190.8	ND	200.0	ug/Kg	95%		18-173	25
Indeno(1,2,3-cd)pyrene	188.3	ND	200.0	ug/Kg	94%		26-154	25
Dibenz(a,h)anthracene	163.5	ND	200.0	ug/Kg	82%		38-132	25
Benzo(g,h,i)perylene	194.6	ND	200.0	ug/Kg	97%		36-130	25
Surrogates								
Nitrobenzene-d5	118.0		200.0	ug/Kg	59%		27-125	25
2-Fluorobiphenyl	114.5		200.0	ug/Kg	57%		30-120	25
Terphenyl-d14	199.4		200.0	ug/Kg	100%		33-155	25

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1125199	Batch: 332070
Matrix (Source ID): Soil (501113-022)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125199 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	121.3	ND	201.0	ug/Kg	60%		25-130	10	35	25
2-Methylnaphthalene	124.6	ND	201.0	ug/Kg	62%		32-133	13	35	25
Naphthalene	125.3	ND	201.0	ug/Kg	62%		33-130	10	35	25
Acenaphthylene	150.3	ND	201.0	ug/Kg	75%		14-157	12	35	25
Acenaphthene	142.3	ND	201.0	ug/Kg	71%		28-134	9	35	25
Fluorene	182.4	ND	201.0	ug/Kg	91%		27-140	12	35	25
Phenanthrene	236.3	ND	201.0	ug/Kg	118%		29-147	9	35	25
Anthracene	208.9	ND	201.0	ug/Kg	104%		24-156	11	35	25
Fluoranthene	274.5	ND	201.0	ug/Kg	137%		28-160	12	35	25
Pyrene	290.9	ND	201.0	ug/Kg	145%		26-153	11	35	25
Benzo(a)anthracene	237.4	ND	201.0	ug/Kg	118%		26-174	17	35	25
Chrysene	263.0	ND	201.0	ug/Kg	131%		40-139	17	35	25
Benzo(b)fluoranthene	217.2	ND	201.0	ug/Kg	108%		36-164	4	35	25
Benzo(k)fluoranthene	187.3	ND	201.0	ug/Kg	93%		36-161	5	35	25
Benzo(a)pyrene	185.6	ND	201.0	ug/Kg	92%		18-173	3	35	25
Indeno(1,2,3-cd)pyrene	198.2	ND	201.0	ug/Kg	99%		26-154	5	35	25
Dibenz(a,h)anthracene	162.7	ND	201.0	ug/Kg	81%		38-132	1	35	25
Benzo(g,h,i)perylene	202.9	ND	201.0	ug/Kg	101%		36-130	4	35	25
Surrogates										
Nitrobenzene-d5	127.1		201.0	ug/Kg	63%		27-125			25
2-Fluorobiphenyl	129.1		201.0	ug/Kg	64%		30-120			25
Terphenyl-d14	202.3		201.0	ug/Kg	101%		33-155			25

Batch QC

Type: Blank	Lab ID: QC1125329	Batch: 332104
Matrix: Soil		

QC1125329 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8270C-SIM						
Prep Method: EPA 3546						
1-Methylnaphthalene	ND		ug/Kg	10	02/03/24	02/04/24
2-Methylnaphthalene	ND		ug/Kg	10	02/03/24	02/04/24
Naphthalene	ND		ug/Kg	10	02/03/24	02/04/24
Acenaphthylene	ND		ug/Kg	10	02/03/24	02/04/24
Acenaphthene	ND		ug/Kg	10	02/03/24	02/04/24
Fluorene	ND		ug/Kg	10	02/03/24	02/04/24
Phenanthrene	ND		ug/Kg	10	02/03/24	02/04/24
Anthracene	ND		ug/Kg	10	02/03/24	02/04/24
Fluoranthene	ND		ug/Kg	10	02/03/24	02/04/24
Pyrene	ND		ug/Kg	10	02/03/24	02/04/24
Benzo(a)anthracene	ND		ug/Kg	10	02/03/24	02/04/24
Chrysene	ND		ug/Kg	10	02/03/24	02/04/24
Benzo(b)fluoranthene	ND		ug/Kg	10	02/03/24	02/04/24
Benzo(k)fluoranthene	ND		ug/Kg	10	02/03/24	02/04/24
Benzo(a)pyrene	ND		ug/Kg	10	02/03/24	02/04/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	02/03/24	02/04/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	02/03/24	02/04/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	02/03/24	02/04/24
Surrogates				Limits		
Nitrobenzene-d5	87%		%REC	27-125	02/03/24	02/04/24
2-Fluorobiphenyl	81%		%REC	30-120	02/03/24	02/04/24
Terphenyl-d14	91%		%REC	33-155	02/03/24	02/04/24
Method: EPA 8270C						
Prep Method: EPA 3546						
Carbazole	ND		ug/Kg	250	02/03/24	02/04/24
1-Methylnaphthalene	ND		ug/Kg	250	02/03/24	02/04/24
Pyridine	ND		ug/Kg	250	02/03/24	02/04/24
N-Nitrosodimethylamine	ND		ug/Kg	250	02/03/24	02/04/24
Phenol	ND		ug/Kg	250	02/03/24	02/04/24
Aniline	ND		ug/Kg	250	02/03/24	02/04/24
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	02/03/24	02/04/24
2-Chlorophenol	ND		ug/Kg	250	02/03/24	02/04/24
1,3-Dichlorobenzene	ND		ug/Kg	250	02/03/24	02/04/24
1,4-Dichlorobenzene	ND		ug/Kg	250	02/03/24	02/04/24
Benzyl alcohol	ND		ug/Kg	250	02/03/24	02/04/24
1,2-Dichlorobenzene	ND		ug/Kg	250	02/03/24	02/04/24
2-Methylphenol	ND		ug/Kg	250	02/03/24	02/04/24
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	02/03/24	02/04/24
3-,4-Methylphenol	ND		ug/Kg	400	02/03/24	02/04/24
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	02/03/24	02/04/24
Hexachloroethane	ND		ug/Kg	250	02/03/24	02/04/24
Nitrobenzene	ND		ug/Kg	1,200	02/03/24	02/04/24
Isophorone	ND		ug/Kg	250	02/03/24	02/04/24
2-Nitrophenol	ND		ug/Kg	250	02/03/24	02/04/24
2,4-Dimethylphenol	ND		ug/Kg	250	02/03/24	02/04/24

Batch QC

QC1125329 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Benzoic acid	ND		ug/Kg	1,200	02/03/24	02/04/24
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	02/03/24	02/04/24
2,4-Dichlorophenol	ND		ug/Kg	250	02/03/24	02/04/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	02/03/24	02/04/24
4-Chloroaniline	ND		ug/Kg	250	02/03/24	02/04/24
Hexachlorobutadiene	ND		ug/Kg	250	02/03/24	02/04/24
4-Chloro-3-methylphenol	ND		ug/Kg	250	02/03/24	02/04/24
2-Methylnaphthalene	ND		ug/Kg	250	02/03/24	02/04/24
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	02/03/24	02/04/24
2,4,6-Trichlorophenol	ND		ug/Kg	250	02/03/24	02/04/24
2,4,5-Trichlorophenol	ND		ug/Kg	250	02/03/24	02/04/24
2-Chloronaphthalene	ND		ug/Kg	250	02/03/24	02/04/24
2-Nitroaniline	ND		ug/Kg	250	02/03/24	02/04/24
Dimethylphthalate	ND		ug/Kg	250	02/03/24	02/04/24
2,6-Dinitrotoluene	ND		ug/Kg	250	02/03/24	02/04/24
3-Nitroaniline	ND		ug/Kg	250	02/03/24	02/04/24
2,4-Dinitrophenol	ND		ug/Kg	1,200	02/03/24	02/04/24
4-Nitrophenol	ND		ug/Kg	250	02/03/24	02/04/24
Dibenzofuran	ND		ug/Kg	250	02/03/24	02/04/24
2,4-Dinitrotoluene	ND		ug/Kg	250	02/03/24	02/04/24
Diethylphthalate	ND		ug/Kg	250	02/03/24	02/04/24
4-Chlorophenyl-phenylether	ND		ug/Kg	250	02/03/24	02/04/24
4-Nitroaniline	ND		ug/Kg	250	02/03/24	02/04/24
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	02/03/24	02/04/24
N-Nitrosodiphenylamine	ND		ug/Kg	250	02/03/24	02/04/24
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	02/03/24	02/04/24
4-Bromophenyl-phenylether	ND		ug/Kg	250	02/03/24	02/04/24
Hexachlorobenzene	ND		ug/Kg	250	02/03/24	02/04/24
Pentachlorophenol	ND		ug/Kg	1,200	02/03/24	02/04/24
Di-n-butylphthalate	ND		ug/Kg	250	02/03/24	02/04/24
Benzidine	ND		ug/Kg	1,200	02/03/24	02/04/24
Butylbenzylphthalate	ND		ug/Kg	250	02/03/24	02/04/24
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	02/03/24	02/04/24
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	02/03/24	02/04/24
Di-n-octylphthalate	ND		ug/Kg	250	02/03/24	02/04/24
Surrogates				Limits		
2-Fluorophenol	78%		%REC	29-120	02/03/24	02/04/24
Phenol-d6	76%		%REC	30-120	02/03/24	02/04/24
2,4,6-Tribromophenol	57%		%REC	32-120	02/03/24	02/04/24
Nitrobenzene-d5	77%		%REC	33-120	02/03/24	02/04/24
2-Fluorobiphenyl	76%		%REC	39-120	02/03/24	02/04/24
Terphenyl-d14	89%		%REC	44-125	02/03/24	02/04/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1125330	Batch: 332104
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1125330 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	3,403	3750	ug/Kg	91%		42-120
2-Chlorophenol	3,517	3750	ug/Kg	94%		41-120
1,4-Dichlorobenzene	3,546	3750	ug/Kg	95%		36-120
3-,4-Methylphenol	3,667	3750	ug/Kg	98%		42-120
N-Nitroso-di-n-propylamine	3,524	3750	ug/Kg	94%		43-121
2,4-Dimethylphenol	2,760	3750	ug/Kg	74%		25-120
1,2,4-Trichlorobenzene	3,437	3750	ug/Kg	92%		38-120
4-Chloro-3-methylphenol	3,647	3750	ug/Kg	97%		40-125
2,4,5-Trichlorophenol	3,652	3750	ug/Kg	97%		40-124
4-Nitrophenol	2,965	3750	ug/Kg	79%		24-128
2,4-Dinitrotoluene	3,906	3750	ug/Kg	104%		40-131
Pentachlorophenol	2,269	3750	ug/Kg	61%		35-120
Surrogates						
2-Fluorophenol	1,748	2000	ug/Kg	87%		29-120
Phenol-d6	1,761	2000	ug/Kg	88%		30-120
2,4,6-Tribromophenol	1,377	2000	ug/Kg	69%		32-120
Nitrobenzene-d5	1,773	2000	ug/Kg	89%		33-120
2-Fluorobiphenyl	1,711	2000	ug/Kg	86%		39-120
Terphenyl-d14	1,928	2000	ug/Kg	96%		44-125

Type: Matrix Spike	Lab ID: QC1125331	Batch: 332104
Matrix (Source ID): Soil (500850-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1125331 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	2,675	ND	3731	ug/Kg	72%		37-120	1
2-Chlorophenol	2,748	ND	3731	ug/Kg	74%		33-120	1
1,4-Dichlorobenzene	2,630	ND	3731	ug/Kg	70%		32-120	1
3-,4-Methylphenol	3,113	ND	3731	ug/Kg	83%		37-120	1
N-Nitroso-di-n-propylamine	2,892	ND	3731	ug/Kg	78%		32-120	1
2,4-Dimethylphenol	2,403	ND	3731	ug/Kg	64%		32-120	1
1,2,4-Trichlorobenzene	2,725	ND	3731	ug/Kg	73%		33-120	1
4-Chloro-3-methylphenol	3,475	ND	3731	ug/Kg	93%		41-121	1
2,4,5-Trichlorophenol	3,655	ND	3731	ug/Kg	98%		40-120	1
4-Nitrophenol	3,017	ND	3731	ug/Kg	81%		20-141	1
2,4-Dinitrotoluene	3,746	ND	3731	ug/Kg	100%		33-128	1
Pentachlorophenol	2,280	ND	3731	ug/Kg	61%		28-132	1
Surrogates								
2-Fluorophenol	1,289		1990	ug/Kg	65%		29-120	1
Phenol-d6	1,406		1990	ug/Kg	71%		30-120	1
2,4,6-Tribromophenol	1,386		1990	ug/Kg	70%		32-120	1
Nitrobenzene-d5	1,362		1990	ug/Kg	68%		33-120	1
2-Fluorobiphenyl	1,451		1990	ug/Kg	73%		39-120	1
Terphenyl-d14	1,842		1990	ug/Kg	93%		44-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1125332	Batch: 332104
Matrix (Source ID): Soil (500850-001)	Method: EPA 8270C	Prep Method: EPA 3546

QC1125332 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	2,908	ND	3788	ug/Kg	77%		37-120	7	49	1
2-Chlorophenol	3,023	ND	3788	ug/Kg	80%		33-120	8	52	1
1,4-Dichlorobenzene	2,837	ND	3788	ug/Kg	75%		32-120	6	50	1
3-,4-Methylphenol	3,309	ND	3788	ug/Kg	87%		37-120	5	54	1
N-Nitroso-di-n-propylamine	3,102	ND	3788	ug/Kg	82%		32-120	6	50	1
2,4-Dimethylphenol	2,296	ND	3788	ug/Kg	61%		32-120	6	50	1
1,2,4-Trichlorobenzene	2,939	ND	3788	ug/Kg	78%		33-120	6	50	1
4-Chloro-3-methylphenol	3,515	ND	3788	ug/Kg	93%		41-121	0	43	1
2,4,5-Trichlorophenol	3,757	ND	3788	ug/Kg	99%		40-120	1	47	1
4-Nitrophenol	2,926	ND	3788	ug/Kg	77%		20-141	5	30	1
2,4-Dinitrotoluene	3,555	ND	3788	ug/Kg	94%		33-128	7	50	1
Pentachlorophenol	2,214	ND	3788	ug/Kg	58%		28-132	4	30	1
Surrogates										
2-Fluorophenol	1,453		2020	ug/Kg	72%		29-120			1
Phenol-d6	1,568		2020	ug/Kg	78%		30-120			1
2,4,6-Tribromophenol	1,387		2020	ug/Kg	69%		32-120			1
Nitrobenzene-d5	1,553		2020	ug/Kg	77%		33-120			1
2-Fluorobiphenyl	1,548		2020	ug/Kg	77%		39-120			1
Terphenyl-d14	1,775		2020	ug/Kg	88%		44-125			1

Batch QC

Type: Lab Control Sample	Lab ID: QC1125333	Batch: 332104
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125333 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	188.1	199.0	ug/Kg	95%		28-130
2-Methylnaphthalene	188.9	199.0	ug/Kg	95%		33-130
Naphthalene	191.4	199.0	ug/Kg	96%		25-130
Acenaphthylene	185.2	199.0	ug/Kg	93%		28-130
Acenaphthene	187.7	199.0	ug/Kg	94%		32-130
Fluorene	199.8	199.0	ug/Kg	100%		35-130
Phenanthrene	199.2	199.0	ug/Kg	100%		35-132
Anthracene	206.3	199.0	ug/Kg	104%		34-136
Fluoranthene	193.7	199.0	ug/Kg	97%		34-139
Pyrene	189.5	199.0	ug/Kg	95%		35-134
Benzo(a)anthracene	211.5	199.0	ug/Kg	106%		30-132
Chrysene	209.7	199.0	ug/Kg	105%		29-130
Benzo(b)fluoranthene	207.1	199.0	ug/Kg	104%		32-137
Benzo(k)fluoranthene	228.5	199.0	ug/Kg	115%		32-130
Benzo(a)pyrene	187.9	199.0	ug/Kg	94%		10-138
Indeno(1,2,3-cd)pyrene	248.5	199.0	ug/Kg	125%		34-132
Dibenz(a,h)anthracene	236.5	199.0	ug/Kg	119%		32-130
Benzo(g,h,i)perylene	224.9	199.0	ug/Kg	113%		27-130
Surrogates						
Nitrobenzene-d5	209.3	199.0	ug/Kg	105%		27-125
2-Fluorobiphenyl	191.0	199.0	ug/Kg	96%		30-120
Terphenyl-d14	184.4	199.0	ug/Kg	93%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1125334	Batch: 332104
Matrix (Source ID): Soil (500850-025)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125334 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	193.8	ND	201.0	ug/Kg	96%		25-130	10
2-Methylnaphthalene	188.6	ND	201.0	ug/Kg	94%		32-133	10
Naphthalene	193.4	ND	201.0	ug/Kg	96%		33-130	10
Acenaphthylene	185.5	ND	201.0	ug/Kg	92%		14-157	10
Acenaphthene	187.9	ND	201.0	ug/Kg	93%		28-134	10
Fluorene	191.0	ND	201.0	ug/Kg	95%		27-140	10
Phenanthrene	220.6	ND	201.0	ug/Kg	110%		29-147	10
Anthracene	205.9	ND	201.0	ug/Kg	102%		24-156	10
Fluoranthene	229.7	ND	201.0	ug/Kg	114%		28-160	10
Pyrene	229.1	ND	201.0	ug/Kg	114%		26-153	10
Benzo(a)anthracene	212.5	ND	201.0	ug/Kg	106%		26-174	10
Chrysene	210.7	ND	201.0	ug/Kg	105%		40-139	10
Benzo(b)fluoranthene	195.8	ND	201.0	ug/Kg	97%		36-164	10
Benzo(k)fluoranthene	204.7	ND	201.0	ug/Kg	102%		36-161	10
Benzo(a)pyrene	182.1	ND	201.0	ug/Kg	91%		18-173	10
Indeno(1,2,3-cd)pyrene	189.4	ND	201.0	ug/Kg	94%		26-154	10
Dibenz(a,h)anthracene	170.0	ND	201.0	ug/Kg	85%		38-132	10
Benzo(g,h,i)perylene	179.3	ND	201.0	ug/Kg	89%		36-130	10
Surrogates								
Nitrobenzene-d5	209.2		201.0	ug/Kg	104%		27-125	10
2-Fluorobiphenyl	192.3		201.0	ug/Kg	96%		30-120	10
Terphenyl-d14	178.5		201.0	ug/Kg	89%		33-155	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1125335	Batch: 332104
Matrix (Source ID): Soil (500850-025)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1125335 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	192.7	ND	200.0	ug/Kg	96%		25-130	0	35	10
2-Methylnaphthalene	190.0	ND	200.0	ug/Kg	95%		32-133	1	35	10
Naphthalene	193.8	ND	200.0	ug/Kg	97%		33-130	1	35	10
Acenaphthylene	188.2	ND	200.0	ug/Kg	94%		14-157	2	35	10
Acenaphthene	183.5	ND	200.0	ug/Kg	92%		28-134	2	35	10
Fluorene	192.5	ND	200.0	ug/Kg	96%		27-140	1	35	10
Phenanthrene	194.4	ND	200.0	ug/Kg	97%		29-147	12	35	10
Anthracene	201.0	ND	200.0	ug/Kg	100%		24-156	2	35	10
Fluoranthene	199.7	ND	200.0	ug/Kg	100%		28-160	13	35	10
Pyrene	199.9	ND	200.0	ug/Kg	100%		26-153	13	35	10
Benzo(a)anthracene	204.3	ND	200.0	ug/Kg	102%		26-174	3	35	10
Chrysene	203.1	ND	200.0	ug/Kg	102%		40-139	3	35	10
Benzo(b)fluoranthene	189.8	ND	200.0	ug/Kg	95%		36-164	3	35	10
Benzo(k)fluoranthene	204.9	ND	200.0	ug/Kg	102%		36-161	1	35	10
Benzo(a)pyrene	174.4	ND	200.0	ug/Kg	87%		18-173	4	35	10
Indeno(1,2,3-cd)pyrene	187.5	ND	200.0	ug/Kg	94%		26-154	0	35	10
Dibenz(a,h)anthracene	169.9	ND	200.0	ug/Kg	85%		38-132	0	35	10
Benzo(g,h,i)perylene	168.4	ND	200.0	ug/Kg	84%		36-130	6	35	10
Surrogates										
Nitrobenzene-d5	209.3		200.0	ug/Kg	105%		27-125			10
2-Fluorobiphenyl	193.9		200.0	ug/Kg	97%		30-120			10
Terphenyl-d14	182.8		200.0	ug/Kg	91%		33-155			10

Type: Sample Duplicate	Lab ID: QC1123618	Batch: 331591
Matrix (Source ID): Soil (500608-021)	Method: EPA 9045C	

QC1123618 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	7.450	7.450	SU		0	20	1
Temperature	20.40	20.50	deg C		0	20	1

Type: Sample Duplicate	Lab ID: QC1123619	Batch: 331591
Matrix (Source ID): Soil (500848-021)	Method: EPA 9045C	

QC1123619 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	11.91	11.93	SU		0	20	1
Temperature	20.50	20.60	deg C		0	20	1

Batch QC

Type: Sample Duplicate	Lab ID: QC1123648	Batch: 331598
Matrix (Source ID): Soil (500850-021)	Method: EPA 9045C	

QC1123648 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	7.760	8.140	SU		5	20	1
Temperature	20.40	20.40	deg C		0	20	1

Type: Sample Duplicate	Lab ID: QC1125254	Batch: 332084
Matrix (Source ID): Soil (500850-002)	Method: EPA 9045C	

QC1125254 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	8.930	8.450	SU		6	20	1
Temperature	20.80	20.20	deg C		3	20	1

Type: Sample Duplicate	Lab ID: QC1125255	Batch: 332084
Matrix (Source ID): Soil (500850-020)	Method: EPA 9045C	

QC1125255 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	7.580	7.300	SU		4	20	1
Temperature	20.00	19.90	deg C		1	20	1

Type: Sample Duplicate	Lab ID: QC1125476	Batch: 332145
Matrix (Source ID): Soil (501037-005)	Method: EPA 9045C	

QC1125476 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	7.590	7.800	SU		3	20	1
Temperature	19.60	19.30	deg C		2	20	1

Type: Sample Duplicate	Lab ID: QC1125477	Batch: 332145
Matrix (Source ID): Soil (500850-031)	Method: EPA 9045C	

QC1125477 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	8.230	8.120	SU		1	20	1
Temperature	20.90	20.90	deg C		0	20	1

Batch QC

Type: Sample Duplicate	Lab ID: QC1125832	Batch: 332248
Matrix (Source ID): Soil (501201-030)	Method: EPA 9045C	

QC1125832 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	9.100	9.120	SU		0	20	1
Temperature	20.10	20.30	deg C		1	20	1

- # CCV drift outside limits; average CCV drift within limits per method requirements
- * Value is outside QC limits
- DO Diluted Out
- ND Not Detected
- b See narrative

Laboratory Job Number 500850

Subcontracted Products

American Environmental Testing



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

February 06, 2024

AETL Job No: BFA0181

Received Date: 01/26/2024

Project Number: EO-500850

Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

Telephone: (714) 771-9930

Attention: Patty Mata

Project Name: EO-500850

Site:

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Daljit Khangura
Laboratory Director

Table of Contents

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Work Order Number: BFA0181

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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0181
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 09:44

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 4.1 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



Subcontract Laboratory:

American Environmental Testing
2840 N Naomi Street
Burbank, CA 91504-2023
ATTN: Hailley Coleman
PO #: Required, to be sent via email

Enthalpy Order: EO-500850

PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT

Report Level: II

Report To: RL

EDDs: Standard Excel Transfer File (3 tab xls: SAMPDAT, QC DATA,
LNOTE)

BFA0131

Notes:

Need both 8141 & 8151 tests.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SPH01-00.5	25-JAN-2024 14:04	500850-001	1	Soil	Organophosphorus Pesticides	BFA0181-01
				Soil	EPA 8151A Chlorinated Herbicides	
SPH01-05.0	25-JAN-2024 14:06	500850-002	1	Soil	Organophosphorus Pesticides	-02
				Soil	EPA 8151A Chlorinated Herbicides	
SPH01-05.0D	25-JAN-2024 14:07	500850-003	1	Soil	Organophosphorus Pesticides	-03
				Soil	EPA 8151A Chlorinated Herbicides	
SPH01-10.0	25-JAN-2024 14:12	500850-004	1	Soil	Organophosphorus Pesticides	-04
				Soil	EPA 8151A Chlorinated Herbicides	
SPH01-15.0	25-JAN-2024 14:16	500850-005	1	Soil	Organophosphorus Pesticides	-05
				Soil	EPA 8151A Chlorinated Herbicides	
SPH01-20.0	25-JAN-2024 14:20	500850-006	1	Soil	Organophosphorus Pesticides	-06
				Soil	EPA 8151A Chlorinated Herbicides	
SPH01-25.0	25-JAN-2024 14:30	500850-007	1	Soil	Organophosphorus Pesticides	-07
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-00.5	25-JAN-2024 09:28	500850-008	1	Soil	Organophosphorus Pesticides	-08
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-05.0	25-JAN-2024 09:30	500850-009	1	Soil	Organophosphorus Pesticides	-09
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-10.0	25-JAN-2024 09:35	500850-010	1	Soil	Organophosphorus Pesticides	-10
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-15.0	25-JAN-2024 09:40	500850-011	1	Soil	Organophosphorus Pesticides	-11
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-20.0	25-JAN-2024 09:50	500850-012	1	Soil	Organophosphorus Pesticides	-12
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-25.0	25-JAN-2024 09:55	500850-013	1	Soil	Organophosphorus Pesticides	-13
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-30.0D	25-JAN-2024 10:16	500850-014	1	Soil	Organophosphorus Pesticides	-14
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-30.0	25-JAN-2024 10:15	500850-015	1	Soil	Organophosphorus Pesticides	-15
				Soil	EPA 8151A Chlorinated Herbicides	
SPH02-35.0	25-JAN-2024 10:28	500850-016	1	Soil	Organophosphorus Pesticides	-16
				Soil	EPA 8151A Chlorinated Herbicides	
SPH03-05.0	25-JAN-2024 11:02	500850-017	1	Soil	Organophosphorus Pesticides	-17
				Soil	EPA 8151A Chlorinated Herbicides	
SPH03-10.0	25-JAN-2024 11:08	500850-018	1	Soil	Organophosphorus Pesticides	-18
				Soil	EPA 8151A Chlorinated Herbicides	
SPH03-15.0	25-JAN-2024 11:12	500850-019	1	Soil	Organophosphorus Pesticides	-19
				Soil	EPA 8151A Chlorinated Herbicides	
SPH03-20.0	25-JAN-2024 11:15	500850-020	1	Soil	Organophosphorus Pesticides	-20
				Soil	EPA 8151A Chlorinated Herbicides	
SPH03-25.0	25-JAN-2024 11:25	500850-021	1	Soil	Organophosphorus Pesticides	-21
				Soil	EPA 8151A Chlorinated Herbicides	
SPH03-30.0	25-JAN-2024 11:35	500850-022	1	Soil	Organophosphorus Pesticides	-22
				Soil	EPA 8151A Chlorinated Herbicides	
SPH03-30.0D	25-JAN-2024 11:36	500850-023	1	Soil	Organophosphorus Pesticides	-23
				Soil	EPA 8151A Chlorinated Herbicides	
SPH03-35.0	25-JAN-2024 11:45	500850-024	1	Soil	Organophosphorus Pesticides	-24
				Soil	EPA 8151A Chlorinated Herbicides	
SPH04-00.5	25-JAN-2024 13:18	500850-025	1	Soil	Organophosphorus Pesticides	-25
				Soil	EPA 8151A Chlorinated Herbicides	
SPH04-05.0	25-JAN-2024 13:20	500850-026	1	Soil	Organophosphorus Pesticides	-26
				Soil	EPA 8151A Chlorinated Herbicides	
SPH04-10.0	25-JAN-2024 13:22	500850-027	1	Soil	Organophosphorus Pesticides	-27
				Soil	EPA 8151A Chlorinated Herbicides	
SPH04-15.0	25-JAN-2024 13:26	500850-028	1	Soil	Organophosphorus Pesticides	-28
				Soil	EPA 8151A Chlorinated Herbicides	
SPH04-20.0	25-JAN-2024 13:30	500850-029	1	Soil	Organophosphorus Pesticides	-29
				Soil	EPA 8151A Chlorinated Herbicides	
SPH04-25.0	25-JAN-2024 13:40	500850-030	1	Soil	Organophosphorus Pesticides	-30
				Soil	EPA 8151A Chlorinated Herbicides	

Notes:	Relinquished By:		Received By:	
	<i>[Signature]</i>			
	Date: 1/26/24	1400	Date:	
	Date:		Date:	
	Date:		Date: <i>[Signature]</i>	14:00



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COOLER RECEIPT FORM

Client Name: Enthalpy Analytical				
Project Name: OPP & Herbicides			Project No.: EO-500850	
AETL Job Number: BFA0181				
Date Received: 01/26/2024		Received by: Areg A.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (1) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: 4.1 °C IR Gun S/N: 51941909MV				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No*	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers intact and in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
12. Are there any samples with short hold times?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager (PM). The PM will contact the client for Analyze or Resample instructions.

* For samples generating a “No” answer, the Project Manager is notified, and the PM will contact the client for Analyze or Resample instructions.



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0181
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 09:44

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SPH01-00.5	01/25/2024 14:04
Lab ID	Matrix
BFA0181-01	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH01-05.0	01/25/2024 14:06
Lab ID	Matrix
BFA0181-02	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH01-05.0D	01/25/2024 14:07
Lab ID	Matrix
BFA0181-03	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received (Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SPH01-10.0	01/25/2024 14:12
Lab ID	Matrix
BFA0181-04	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH01-15.0	01/25/2024 14:16
Lab ID	Matrix
BFA0181-05	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH01-20.0	01/25/2024 14:20
Lab ID	Matrix
BFA0181-06	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received (Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID SPH01-25.0		Sample Date 01/25/2024 14:30
Lab ID BFA0181-07	Matrix Soil	Quantity of Containers 1
Analysis EPA 8141A EPA 8151A	Units mg/kg mg/kg	TAT 5 5
Client ID SPH02-00.5		Sample Date 01/25/2024 9:28
Lab ID BFA0181-08	Matrix Soil	Quantity of Containers 1
Analysis EPA 8141A EPA 8151A	Units mg/kg mg/kg	TAT 5 5
Client ID SPH02-05.0		Sample Date 01/25/2024 9:30
Lab ID BFA0181-09	Matrix Soil	Quantity of Containers 1
Analysis EPA 8141A EPA 8151A	Units mg/kg mg/kg	TAT 5 5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received (Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SPH02-10.0	01/25/2024 9:35
Lab ID	Matrix
BFA0181-10	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH02-15.0	01/25/2024 9:40
Lab ID	Matrix
BFA0181-11	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH02-20.0	01/25/2024 9:50
Lab ID	Matrix
BFA0181-12	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received (Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SPH02-25.0	01/25/2024 9:55
Lab ID	Matrix
BFA0181-13	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH02-30.0D	01/25/2024 10:16
Lab ID	Matrix
BFA0181-14	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH02-30.0	01/25/2024 10:15
Lab ID	Matrix
BFA0181-15	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received (Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SPH02-35.0	01/25/2024 10:28
Lab ID	Matrix
BFA0181-16	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH03-05.0	01/25/2024 11:02
Lab ID	Matrix
BFA0181-17	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH03-10.0	01/25/2024 11:08
Lab ID	Matrix
BFA0181-18	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received (Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SPH03-15.0	01/25/2024 11:12
Lab ID	Matrix
BFA0181-19	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH03-20.0	01/25/2024 11:15
Lab ID	Matrix
BFA0181-20	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH03-25.0	01/25/2024 11:25
Lab ID	Matrix
BFA0181-21	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received (Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SPH03-30.0	01/25/2024 11:35
Lab ID	Matrix
BFA0181-22	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH03-30.0D	01/25/2024 11:36
Lab ID	Matrix
BFA0181-23	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH03-35.0	01/25/2024 11:45
Lab ID	Matrix
BFA0181-24	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received

(Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID	Sample Date
SPH04-00.5	01/25/2024 13:18
Lab ID	Matrix
BFA0181-25	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH04-05.0	01/25/2024 13:20
Lab ID	Matrix
BFA0181-26	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5
Client ID	Sample Date
SPH04-10.0	01/25/2024 13:22
Lab ID	Matrix
BFA0181-27	Soil
	Quantity of Containers
	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
	TAT
	5
	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Samples Received (Continued)

AETL received the following samples on 01/26/2024 with the following specifications

Client ID SPH04-15.0		Sample Date 01/25/2024 13:26
Lab ID BFA0181-28	Matrix Soil	Quantity of Containers 1
Analysis EPA 8141A EPA 8151A	Units mg/kg mg/kg	TAT 5 5
Client ID SPH04-20.0		Sample Date 01/25/2024 13:30
Lab ID BFA0181-29	Matrix Soil	Quantity of Containers 1
Analysis EPA 8141A EPA 8151A	Units mg/kg mg/kg	TAT 5 5
Client ID SPH04-25.0		Sample Date 01/25/2024 13:40
Lab ID BFA0181-30	Matrix Soil	Quantity of Containers 1
Analysis EPA 8141A EPA 8151A	Units mg/kg mg/kg	TAT 5 5

Total Number of Samples received: 30



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0181
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 09:44

Positive Hits Summary

Lab ID	Client ID					Sampled
Method	Analyte	Result	Qualifier	Unit	Analyzed	

No positive results reported



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-00.5

Lab ID: BFA0181-01 (Soil)

Sampled: 01/25/24 14:04

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 03:49	B4A0476	TTN	3541

	Recovery	Acceptance Criteria								
Surrogate: Tributylphosphate	84.6%	50-150	01/30/24	16:56	02/02/24	03:49	B4A0476	TTN		3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-00.5

Lab ID: BFA0181-01 (Soil)

Sampled: 01/25/24 14:04

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method		
Chlorinated Herbicides (Continued)												
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B		
<hr/>												
				Recovery	Acceptance Criteria							
Surrogate: DCAA				84.7%	25-140			01/30/24 08:01	02/02/24 11:50	B4A0452	KF	3550B



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0181
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 09:44

Analytical Results

Client ID: SPH01-05.0

Lab ID: BFA0181-02 (Soil)

Sampled: 01/25/24 14:06

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Coumaphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Demeton-O & S	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Diazinon	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Disulfoton	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Ethoprop	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Fensulfothion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Fenthion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Malathion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Merphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Mevinphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Naled	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Ronnel	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541
Trichloronate	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541

Surrogate: Tributylphosphate	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	105%	50-150	01/30/24 16:56	02/02/24 04:22	B4A0476	TTN	3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-05.0

Lab ID: BFA0181-02 (Soil)

Sampled: 01/25/24 14:06

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method	
Chlorinated Herbicides (Continued)											
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	
<hr/>											
				Recovery	Acceptance Criteria						
Surrogate: DCAA	38.1%			25-140		01/30/24 08:01	02/02/24 13:49	B4A0452	KF	3550B	



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-05.0D

Lab ID: BFA0181-03 (Soil)

Sampled: 01/25/24 14:07

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Coumaphos	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Demeton-O & S	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Diazinon	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Disulfoton	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Ethoprop	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Fensulfothion	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Fenthion	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Malathion	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Merphos	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Mevinphos	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Naled	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Ronnel	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541
Trichloronate	ND	D	5	0.100	mg/kg	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541

Surrogate	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
<i>Tributylphosphate</i>	87.3%	50-150	01/30/24 16:56	02/02/24 04:55	B4A0476	TTN	3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-05.0D

Lab ID: BFA0181-03 (Soil)

Sampled: 01/25/24 14:07

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	68.5%			25-140		01/30/24 08:01	02/02/24 14:18	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-10.0

Lab ID: BFA0181-04 (Soil)

Sampled: 01/25/24 14:12

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 05:28	B4A0476	TTN	3541

	Recovery	Acceptance Criteria								
Surrogate: Tributylphosphate	82.0%	50-150	01/30/24	16:56	02/02/24	05:28	B4A0476	TTN		3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-10.0

Lab ID: BFA0181-04 (Soil)

Sampled: 01/25/24 14:12

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B
<hr/>										
		Recovery	Acceptance Criteria							
Surrogate: DCAA	33.8%			25-140		01/30/24 08:01	02/02/24 14:48	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-15.0

Lab ID: BFA0181-05 (Soil)

Sampled: 01/25/24 14:16

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	84.4%	50-150	01/30/24 16:56	02/02/24 06:01	B4A0476	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-15.0

Lab ID: BFA0181-05 (Soil)

Sampled: 01/25/24 14:16

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B
				Recovery		Acceptance Criteria				
Surrogate: DCAA	30.9%			25-140		01/30/24 08:01	02/02/24 15:18	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-20.0

Lab ID: BFA0181-06 (Soil)

Sampled: 01/25/24 14:20

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	103%	50-150	01/30/24 16:56	02/02/24 06:33	B4A0476	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-20.0

Lab ID: BFA0181-06 (Soil)

Sampled: 01/25/24 14:20

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	36.9%			25-140		01/30/24 08:01	02/02/24 15:47	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-25.0

Lab ID: BFA0181-07 (Soil)

Sampled: 01/25/24 14:30

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Coumaphos	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Demeton-O & S	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Diazinon	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Disulfoton	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Ethoprop	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Fensulfothion	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Fenthion	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Malathion	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Merphos	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Mevinphos	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Naled	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Ronnel	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
Trichloronate	ND	D	20	0.400	mg/kg	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	90.0%	50-150	01/30/24 16:56	02/02/24 07:06	B4A0476	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH01-25.0

Lab ID: BFA0181-07 (Soil)

Sampled: 01/25/24 14:30

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method			
Chlorinated Herbicides (Continued)													
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B			
<hr/>													
				Recovery	Acceptance Criteria								
Surrogate: DCAA				22.9%	S6			25-140	01/30/24 08:01	02/02/24 16:17	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-00.5

Lab ID: BFA0181-08 (Soil)

Sampled: 01/25/24 9:28

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Coumaphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Demeton-O & S	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Diazinon	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Disulfoton	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Ethoprop	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Fensulfothion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Fenthion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Malathion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Merphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Mevinphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Naled	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Ronnel	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
Trichloronate	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	92.2%	50-150	01/30/24 16:56	02/02/24 07:39	B4A0476	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-00.5

Lab ID: BFA0181-08 (Soil)

Sampled: 01/25/24 9:28

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	33.6%			25-140		01/30/24 08:01	02/02/24 17:16	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-05.0

Lab ID: BFA0181-09 (Soil)

Sampled: 01/25/24 9:30

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Coumaphos	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Demeton-O & S	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Diazinon	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Disulfoton	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Ethoprop	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Fensulfotion	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Fenthion	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Malathion	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Merphos	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Mevinphos	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Naled	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Ronnel	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
Trichloronate	ND	D	2	0.0400	mg/kg	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	105%	50-150	01/30/24 16:56	02/02/24 08:12	B4A0476	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-05.0

Lab ID: BFA0181-09 (Soil)

Sampled: 01/25/24 9:30

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B
				Recovery		Acceptance Criteria				
Surrogate: DCAA	29.8%			25-140		01/30/24 08:01	02/02/24 17:45	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-10.0

Lab ID: BFA0181-10 (Soil)

Sampled: 01/25/24 9:35

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	99.9%	50-150	01/30/24 16:56	02/02/24 09:17	B4A0476	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-10.0

Lab ID: BFA0181-10 (Soil)

Sampled: 01/25/24 9:35

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B
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		Recovery	Acceptance Criteria							
Surrogate: DCAA	35.8%			25-140		01/30/24 08:01	02/02/24 18:14	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-15.0

Lab ID: BFA0181-11 (Soil)

Sampled: 01/25/24 9:40

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Coumaphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Demeton-O & S	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Diazinon	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Disulfoton	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Ethoprop	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Fensulfotion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Fenthion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Malathion	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Merphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Mevinphos	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Naled	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Ronnel	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541
Trichloronate	ND	D	10	0.200	mg/kg	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541

Surrogate: Tributylphosphate	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	114%	50-150	01/30/24 16:56	02/02/24 09:51	B4A0476	TTN	3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-15.0

Lab ID: BFA0181-11 (Soil)

Sampled: 01/25/24 9:40

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	41.8%			25-140		01/30/24 08:01	02/02/24 18:44	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-20.0

Lab ID: BFA0181-12 (Soil)

Sampled: 01/25/24 9:50

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	72.9%	50-150	01/30/24 16:56	02/02/24 10:24	B4A0476	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-20.0

Lab ID: BFA0181-12 (Soil)

Sampled: 01/25/24 9:50

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method	
Chlorinated Herbicides (Continued)											
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
MCPA	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
MCPP	ND		1	0.250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	
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				Recovery	Acceptance Criteria						
Surrogate: DCAA	16.5%	S6		25-140		01/30/24 08:01	02/02/24 19:13	B4A0452	KF	3550B	



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-25.0

Lab ID: BFA0181-13 (Soil)

Sampled: 01/25/24 9:55

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	81.4%	50-150	01/30/24 17:04	02/02/24 17:49	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-25.0

Lab ID: BFA0181-13 (Soil)

Sampled: 01/25/24 9:55

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	41.3%			25-140		01/30/24 08:04	02/02/24 19:42	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-30.0D

Lab ID: BFA0181-14 (Soil)

Sampled: 01/25/24 10:16

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Fensulfotion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541
		Recovery	Acceptance Criteria							
Surrogate: Tributylphosphate	78.4%			50-150		01/30/24 17:04	02/02/24 18:23	B4A0477	TTN	3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B

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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-30.0D

Lab ID: BFA0181-14 (Soil)

Sampled: 01/25/24 10:16

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B
Recovery		Acceptance Criteria								
Surrogate: DCAA	19.5%	S6		25-140		01/30/24 08:04	02/02/24 20:11	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-30.0

Lab ID: BFA0181-15 (Soil)

Sampled: 01/25/24 10:15

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	83.4%	50-150	01/30/24 17:04	02/02/24 18:56	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B

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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-30.0

Lab ID: BFA0181-15 (Soil)

Sampled: 01/25/24 10:15

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B
<hr/>										
Recovery				Acceptance Criteria						
Surrogate: DCAA	19.1%	S6		25-140		01/30/24 08:04	02/02/24 23:34	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-35.0

Lab ID: BFA0181-16 (Soil)

Sampled: 01/25/24 10:28

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Coumaphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Demeton-O & S	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Diazinon	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Disulfoton	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Ethoprop	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Fensulfothion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Fenthion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Malathion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Merphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Mevinphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Naled	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Ronnel	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
Trichloronate	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	106%	50-150	01/30/24 17:04	02/02/24 19:29	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B

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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH02-35.0

Lab ID: BFA0181-16 (Soil)

Sampled: 01/25/24 10:28

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B
<hr/>										
		Recovery			Acceptance Criteria					
Surrogate: DCAA		14.6% S6		25-140		01/30/24 08:04	02/03/24 00:03	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-05.0

Lab ID: BFA0181-17 (Soil)

Sampled: 01/25/24 11:02

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Coumaphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Demeton-O & S	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Diazinon	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Disulfoton	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Ethoprop	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Fensulfothion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Fenthion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Malathion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Merphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Mevinphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Naled	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Ronnel	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541
Trichloronate	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 20:02	B4A0477	TTN	3541

Recovery

Acceptance Criteria

Surrogate: Tributylphosphate

91.1%

50-150

01/30/24 17:04

02/02/24 20:02

B4A0477 TTN

3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-05.0

Lab ID: BFA0181-17 (Soil)

Sampled: 01/25/24 11:02

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method			
Chlorinated Herbicides (Continued)													
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B			
<hr/>													
				Recovery	Acceptance Criteria								
Surrogate: DCAA				22.7%	S6			25-140	01/30/24 08:04	02/03/24 00:32	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-10.0

Lab ID: BFA0181-18 (Soil)

Sampled: 01/25/24 11:08

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Coumaphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Demeton-O & S	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Diazinon	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Disulfoton	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Ethoprop	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Fensulfothion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Fenthion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Malathion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Merphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Mevinphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Naled	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Ronnel	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
Trichloronate	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	94.6%	50-150	01/30/24 17:04	02/02/24 21:08	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-10.0

Lab ID: BFA0181-18 (Soil)

Sampled: 01/25/24 11:08

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method			
Chlorinated Herbicides (Continued)													
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B			
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				Recovery	Acceptance Criteria								
Surrogate: DCAA				20.7%	S6			25-140	01/30/24 08:04	02/03/24 01:01	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-15.0

Lab ID: BFA0181-19 (Soil)

Sampled: 01/25/24 11:12

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Coumaphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Demeton-O & S	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Diazinon	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Disulfoton	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Ethoprop	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Fensulfothion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Fenthion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Malathion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Merphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Mevinphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Naled	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Ronnel	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
Trichloronate	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	115%	50-150	01/30/24 17:04	02/02/24 21:41	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-15.0

Lab ID: BFA0181-19 (Soil)

Sampled: 01/25/24 11:12

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B
<hr/>										
Recovery				Acceptance Criteria						
Surrogate: DCAA	22.9%	S6		25-140		01/30/24 08:04	02/03/24 01:30	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-20.0

Lab ID: BFA0181-20 (Soil)

Sampled: 01/25/24 11:15

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Coumaphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Demeton-O & S	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Diazinon	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Disulfoton	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Ethoprop	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Fensulfothion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Fenthion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Malathion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Merphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Mevinphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Naled	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Ronnel	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
Trichloronate	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	98.8%	50-150	01/30/24 17:04	02/02/24 22:14	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-20.0

Lab ID: BFA0181-20 (Soil)

Sampled: 01/25/24 11:15

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method			
Chlorinated Herbicides (Continued)													
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B			
<hr/>													
				Recovery	Acceptance Criteria								
Surrogate: DCAA				24.2% S6				25-140	01/30/24 08:04	02/03/24 01:59	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-25.0

Lab ID: BFA0181-21 (Soil)

Sampled: 01/25/24 11:25

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	93.3%	50-150	01/30/24 17:04	02/02/24 22:47	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-25.0

Lab ID: BFA0181-21 (Soil)

Sampled: 01/25/24 11:25

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B

	Recovery			Acceptance Criteria						
Surrogate: DCAA	47.3%			25-140		01/30/24 08:04	02/03/24 02:28	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-30.0

Lab ID: BFA0181-22 (Soil)

Sampled: 01/25/24 11:35

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/02/24 23:19	B4A0477	TTN	3541

	Recovery	Acceptance Criteria								
Surrogate: Tributylphosphate	81.6%	50-150		01/30/24 17:04	02/02/24 23:19	B4A0477	TTN			3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-30.0

Lab ID: BFA0181-22 (Soil)

Sampled: 01/25/24 11:35

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B
		Recovery	Acceptance Criteria							
Surrogate: DCAA	36.5%			25-140		01/30/24 08:04	02/03/24 02:57	B4A0453	KF	3550B



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-30.0D

Lab ID: BFA0181-23 (Soil)

Sampled: 01/25/24 11:36

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Coumaphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Demeton-O & S	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Diazinon	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Disulfoton	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Ethoprop	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Fensulfothion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Fenthion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Malathion	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Merphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Mevinphos	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Naled	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Ronnel	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
Trichloronate	ND	D	2	0.0400	mg/kg	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	88.7%	50-150	01/30/24 17:04	02/02/24 23:52	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-30.0D

Lab ID: BFA0181-23 (Soil)

Sampled: 01/25/24 11:36

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	36.5%			25-140		01/30/24 08:04	02/03/24 03:55	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-35.0

Lab ID: BFA0181-24 (Soil)

Sampled: 01/25/24 11:45

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	87.4%	50-150	01/30/24 17:04	02/03/24 00:25	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH03-35.0

Lab ID: BFA0181-24 (Soil)

Sampled: 01/25/24 11:45

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B
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		Recovery			Acceptance Criteria					
Surrogate: DCAA		38.2%			25-140	01/30/24 08:04	02/03/24 04:24	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-00.5

Lab ID: BFA0181-25 (Soil)

Sampled: 01/25/24 13:18

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Coumaphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Demeton-O & S	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Diazinon	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Disulfoton	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Ethoprop	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Fensulfothion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Fenthion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Malathion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Merphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Mevinphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Naled	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Ronnel	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
Trichloronate	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541

Recovery

Acceptance Criteria

Surrogate: Tributylphosphate	107%	50-150	01/30/24 17:04	02/03/24 00:58	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-00.5

Lab ID: BFA0181-25 (Soil)

Sampled: 01/25/24 13:18

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B
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		Recovery	Acceptance Criteria							
Surrogate: DCAA	46.7%	25-140		01/30/24 08:04	02/03/24 04:53	B4A0453	KF	3550B		



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-05.0

Lab ID: BFA0181-26 (Soil)

Sampled: 01/25/24 13:20

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	95.1%	50-150	01/30/24 17:04	02/03/24 01:31	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-05.0

Lab ID: BFA0181-26 (Soil)

Sampled: 01/25/24 13:20

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B
<hr/>										
		Recovery	Acceptance Criteria							
Surrogate: DCAA	48.9%			25-140		01/30/24 08:04	02/03/24 05:22	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-10.0

Lab ID: BFA0181-27 (Soil)

Sampled: 01/25/24 13:22

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Coumaphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Demeton-O & S	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Diazinon	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Disulfoton	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Ethoprop	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Fensulfothion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Fenthion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Malathion	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Merphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Mevinphos	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Naled	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Ronnel	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541
Trichloronate	ND	D	5	0.100	mg/kg	01/30/24 17:04	02/03/24 02:04	B4A0477	TTN	3541

Recovery

Acceptance Criteria

Surrogate: Tributylphosphate

88.6%

50-150

01/30/24 17:04

02/03/24 02:04

B4A0477

TTN

3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-10.0

Lab ID: BFA0181-27 (Soil)

Sampled: 01/25/24 13:22

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B
				Recovery		Acceptance Criteria				
Surrogate: DCAA	36.0%			25-140		01/30/24 08:04	02/03/24 05:51	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-15.0

Lab ID: BFA0181-28 (Soil)

Sampled: 01/25/24 13:26

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Coumaphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Demeton-O & S	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Diazinon	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Disulfoton	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Ethoprop	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Fensulfothion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Fenthion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Malathion	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Merphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Mevinphos	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Naled	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Ronnel	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541
Trichloronate	ND	D	10	0.200	mg/kg	01/30/24 17:04	02/03/24 03:09	B4A0477	TTN	3541

Recovery

Acceptance Criteria

Surrogate: Tributylphosphate

92.7%

50-150

01/30/24 17:04

02/03/24 03:09

B4A0477

TTN

3541

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-15.0

Lab ID: BFA0181-28 (Soil)

Sampled: 01/25/24 13:26

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B
<hr/>										
		Recovery			Acceptance Criteria					
Surrogate: DCAA		59.2%			25-140	01/30/24 08:04	02/03/24 06:21	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-20.0

Lab ID: BFA0181-29 (Soil)

Sampled: 01/25/24 13:30

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	83.3%	50-150	01/30/24 17:04	02/03/24 03:42	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-20.0

Lab ID: BFA0181-29 (Soil)

Sampled: 01/25/24 13:30

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B
<hr/>										
		Recovery	Acceptance Criteria							
Surrogate: DCAA	47.0%			25-140		01/30/24 08:04	02/03/24 06:50	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-25.0

Lab ID: BFA0181-30 (Soil)

Sampled: 01/25/24 13:40

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541

	Recovery	Acceptance Criteria							
Surrogate: Tributylphosphate	76.0%	50-150	01/30/24 17:04	02/03/24 04:15	B4A0477	TTN	3541		

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Analytical Results

Client ID: SPH04-25.0

Lab ID: BFA0181-30 (Soil)

Sampled: 01/25/24 13:40

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B
<hr/>										
	Recovery			Acceptance Criteria						
Surrogate: DCAA	53.2%			25-140		01/30/24 08:04	02/03/24 07:19	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0476 - 3541				Prepared: 01/30/2024 16:56						
Method Blank (B4A0476-BLK1)				Analyzed: 02/01/2024 23:27						
Azinphos-methyl	ND	0.0200	mg/kg							
Bolstar (Sulprofos)	ND	0.0200	mg/kg							
Chloropyrifos (Dursban)	ND	0.0200	mg/kg							
Coumaphos	ND	0.0200	mg/kg							
Demeton-O & S	ND	0.0200	mg/kg							
Diazinon	ND	0.0200	mg/kg							
Dichlorvos (DDVP, Diclorovos)	ND	0.0200	mg/kg							
Disulfoton	ND	0.0200	mg/kg							
Ethoprop	ND	0.0200	mg/kg							
Fensulfothion	ND	0.0200	mg/kg							
Fenthion	ND	0.0200	mg/kg							
Malathion	ND	0.0200	mg/kg							
Merphos	ND	0.0200	mg/kg							
Methyl parathion (Parathion methyl)	ND	0.0200	mg/kg							
Mevinphos	ND	0.0200	mg/kg							
Naled	ND	0.0200	mg/kg							
Phorate (Phosphorodithioic acid)	ND	0.0200	mg/kg							
Ronnel	ND	0.0200	mg/kg							
Tetrachlorvinphos (Stirophos)	ND	0.0200	mg/kg							
Tokuthion (Prothiofos)	ND	0.0200	mg/kg							
Trichloronate	ND	0.0200	mg/kg							
<hr/>										
Surrogate: Tributylphosphate	0.161		mg/kg	0.167		96.4	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0476 - 3541 (Continued)				Prepared: 01/30/2024 16:56						
LCS (B4A0476-BS1)				Analyzed: 02/01/2024 21:16						
Azinphos-methyl	0.108	0.0200	mg/kg	0.133		80.6	30-150			
Bolstar (Sulprofos)	0.113	0.0200	mg/kg	0.133		84.5	30-150			
Chloropyrifos (Dursban)	0.124	0.0200	mg/kg	0.133		93.1	30-150			
Coumaphos	0.124	0.0200	mg/kg	0.133		93.1	30-150			
Demeton-O & S	0.0425	0.0200	mg/kg	0.133		31.9	20-150			
Diazinon	0.125	0.0200	mg/kg	0.133		93.4	30-150			
Dichlorvos (DDVP, Diclorovos)	0.133	0.0200	mg/kg	0.133		99.6	30-150			
Disulfoton	0.119	0.0200	mg/kg	0.133		89.2	30-150			
Ethoprop	0.119	0.0200	mg/kg	0.133		88.9	30-150			
Fensulfothion	0.141	0.0200	mg/kg	0.133		106	30-150			
Fenthion	0.122	0.0200	mg/kg	0.133		91.4	30-150			
Malathion	0.130	0.0200	mg/kg	0.133		97.7	30-150			
Merphos	0.109	0.0200	mg/kg	0.133		81.7	30-150			
Methyl parathion (Parathion methyl)	0.116	0.0200	mg/kg	0.133		86.7	30-150			
Mevinphos	0.167	0.0200	mg/kg	0.133		125	30-150			
Naled	0.0761	0.0200	mg/kg	0.133		57.1	30-150			
Phorate (Phosphorodithioic acid)	0.124	0.0200	mg/kg	0.133		93.3	30-150			
Ronnel	0.128	0.0200	mg/kg	0.133		96.4	30-150			
Tetrachlorvinphos (Stirophos)	0.145	0.0200	mg/kg	0.133		108	30-150			
Tokuthion (Prothiofos)	0.126	0.0200	mg/kg	0.133		94.2	30-150			
Trichloronate	0.119	0.0200	mg/kg	0.133		89.2	30-150			
<hr/>										
<i>Surrogate: Tributylphosphate</i>	<i>0.160</i>		<i>mg/kg</i>	<i>0.167</i>		<i>96.1</i>	<i>50-150</i>			

LCS (B4A0476-BSD1)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
				Analyzed: 02/01/2024 21:48						
Azinphos-methyl	0.0959	0.0200	mg/kg	0.133		72.0	30-150	11.4	40	
Bolstar (Sulprofos)	0.105	0.0200	mg/kg	0.133		78.5	30-150	7.36	40	
Chloropyrifos (Dursban)	0.113	0.0200	mg/kg	0.133		84.5	30-150	9.78	40	
Coumaphos	0.110	0.0200	mg/kg	0.133		82.3	30-150	12.2	40	
Demeton-O & S	0.0360	0.0200	mg/kg	0.133		27.0	20-150	16.6	40	
Diazinon	0.114	0.0200	mg/kg	0.133		85.5	30-150	8.87	40	
Dichlorvos (DDVP, Diclorovos)	0.124	0.0200	mg/kg	0.133		92.8	30-150	7.02	40	
Disulfoton	0.109	0.0200	mg/kg	0.133		81.4	30-150	9.13	40	
Ethoprop	0.109	0.0200	mg/kg	0.133		81.5	30-150	8.63	40	
Fensulfothion	0.131	0.0200	mg/kg	0.133		97.9	30-150	7.67	40	
Fenthion	0.111	0.0200	mg/kg	0.133		83.2	30-150	9.46	40	
Malathion	0.118	0.0200	mg/kg	0.133		88.7	30-150	9.69	40	
Merphos	0.0982	0.0200	mg/kg	0.133		73.7	30-150	10.4	40	
Methyl parathion (Parathion methyl)	0.105	0.0200	mg/kg	0.133		78.9	30-150	9.47	40	
Mevinphos	0.153	0.0200	mg/kg	0.133		115	30-150	8.57	40	
Naled	0.0704	0.0200	mg/kg	0.133		52.8	30-150	7.75	40	
Phorate (Phosphorodithioic acid)	0.115	0.0200	mg/kg	0.133		86.0	30-150	8.18	40	

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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0476 - 3541 (Continued)										
LCSD (B4A0476-BSD1)				Prepared: 01/30/2024 16:56						
				Analyzed: 02/01/2024 21:48						
Ronnel	0.117	0.0200	mg/kg	0.133		88.0	30-150	9.02	40	
Tetrachlorvinphos (Stirophos)	0.132	0.0200	mg/kg	0.133		99.1	30-150	9.00	40	
Tokuthion (Prothiofos)	0.115	0.0200	mg/kg	0.133		86.0	30-150	9.15	40	
Trichloronate	0.108	0.0200	mg/kg	0.133		81.0	30-150	9.61	40	
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Surrogate: Tributylphosphate	0.146		mg/kg	0.167		87.8	50-150			

Matrix Spike (B4A0476-MS1)	Source: BFA0181-12			Analyzed: 02/01/2024 22:21						
Azinphos-methyl	0.0743	0.0200	mg/kg	0.131	ND	56.5	5-150			
Bolstar (Sulprofos)	0.0821	0.0200	mg/kg	0.131	ND	62.5	50-150			
Chlorpyrifos (Dursban)	0.0877	0.0200	mg/kg	0.131	ND	66.7	5-150			
Coumaphos	0.0830	0.0200	mg/kg	0.131	ND	63.1	5-150			
Demeton-O & S	0.0452	0.0200	mg/kg	0.131	ND	34.4	5-150			
Diazinon	0.0905	0.0200	mg/kg	0.131	ND	68.8	5-150			
Dichlorvos (DDVP, Diclorovos)	0.119	0.0200	mg/kg	0.131	ND	90.6	5-150			
Disulfoton	0.0829	0.0200	mg/kg	0.131	ND	63.1	5-150			
Ethoprop	0.0844	0.0200	mg/kg	0.131	ND	64.2	50-150			
Fensulfothion	0.0804	0.0200	mg/kg	0.131	ND	61.1	5-150			
Fenthion	0.0847	0.0200	mg/kg	0.131	ND	64.4	5-150			
Malathion	0.0896	0.0200	mg/kg	0.131	ND	68.1	5-150			
Merphos	0.105	0.0200	mg/kg	0.131	ND	80.1	5-150			
Methyl parathion (Parathion methyl)	0.0785	0.0200	mg/kg	0.131	ND	59.7	5-150			
Mevinphos	0.108	0.0200	mg/kg	0.131	ND	82.5	5-150			
Naled	0.0179	0.0200	mg/kg	0.131	ND	13.6	5-150			
Phorate (Phosphorodithioic acid)	0.0898	0.0200	mg/kg	0.131	ND	68.3	50-150			
Ronnel	0.0911	0.0200	mg/kg	0.131	ND	69.3	50-150			
Tetrachlorvinphos (Stirophos)	0.0963	0.0200	mg/kg	0.131	ND	73.2	5-150			
Tokuthion (Prothiofos)	0.0902	0.0200	mg/kg	0.131	ND	68.6	5-150			
Trichloronate	0.0850	0.0200	mg/kg	0.131	ND	64.6	5-150			
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Surrogate: Tributylphosphate	0.113		mg/kg	0.164		68.8	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0476 - 3541 (Continued)				Prepared: 01/30/2024 16:56						
Matrix Spike Dup (B4A0476-MSD1)				Source: BFA0181-12						
				Analyzed: 02/01/2024 22:54						
Azinphos-methyl	0.0692	0.0200	mg/kg	0.131	ND	52.8	5-150	7.07	40	
Bolstar (Sulprofos)	0.0777	0.0200	mg/kg	0.131	ND	59.3	50-150	5.51	40	
Chloropyrifos (Dursban)	0.0851	0.0200	mg/kg	0.131	ND	65.0	5-150	2.92	40	
Coumaphos	0.0830	0.0200	mg/kg	0.131	ND	63.3	5-150	<1.00	40	
Demeton-O & S	0.0248	0.0200	mg/kg	0.131	ND	18.9	5-150	58.5	40	R
Diazinon	0.0881	0.0200	mg/kg	0.131	ND	67.2	5-150	2.69	40	
Dichlorvos (DDVP, Diclorovos)	0.106	0.0200	mg/kg	0.131	ND	80.6	5-150	11.9	40	
Disulfoton	0.0793	0.0200	mg/kg	0.131	ND	60.5	5-150	4.45	40	
Ethoprop	0.0809	0.0200	mg/kg	0.131	ND	61.7	50-150	4.27	40	
Fensulfothion	0.0813	0.0200	mg/kg	0.131	ND	62.0	5-150	1.12	40	
Fenthion	0.0821	0.0200	mg/kg	0.131	ND	62.6	5-150	3.15	40	
Malathion	0.0862	0.0200	mg/kg	0.131	ND	65.8	5-150	3.87	40	
Merphos	0.0896	0.0200	mg/kg	0.131	ND	68.4	5-150	16.1	40	
Methyl parathion (Parathion methyl)	0.0745	0.0200	mg/kg	0.131	ND	56.8	5-150	5.19	40	
Mevinphos	0.105	0.0200	mg/kg	0.131	ND	80.1	5-150	3.23	40	
Naled	0.0244	0.0200	mg/kg	0.131	ND	18.6	5-150	30.8	40	
Phorate (Phosphorodithioic acid)	0.0869	0.0200	mg/kg	0.131	ND	66.3	50-150	3.24	40	
Ronnel	0.0893	0.0200	mg/kg	0.131	ND	68.1	50-150	1.98	40	
Tetrachlorvinphos (Stirophos)	0.0944	0.0200	mg/kg	0.131	ND	72.0	5-150	2.01	40	
Tokuthion (Prothiofos)	0.0855	0.0200	mg/kg	0.131	ND	65.3	5-150	5.34	40	
Trichloronate	0.0811	0.0200	mg/kg	0.131	ND	61.9	5-150	4.65	40	
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Surrogate: Tributylphosphate	0.109		mg/kg	0.164		66.7	50-150			

Batch: B4A0477 - 3541

Method Blank (B4A0477-BLK1)

Prepared: 01/30/2024 17:04

Analyzed: 02/02/2024 17:16

Azinphos-methyl	ND	0.0200	mg/kg
Bolstar (Sulprofos)	ND	0.0200	mg/kg
Chloropyrifos (Dursban)	ND	0.0200	mg/kg
Coumaphos	ND	0.0200	mg/kg
Demeton-O & S	ND	0.0200	mg/kg
Diazinon	ND	0.0200	mg/kg
Dichlorvos (DDVP, Diclorovos)	ND	0.0200	mg/kg
Disulfoton	ND	0.0200	mg/kg
Ethoprop	ND	0.0200	mg/kg
Fensulfothion	ND	0.0200	mg/kg
Fenthion	ND	0.0200	mg/kg
Malathion	ND	0.0200	mg/kg
Merphos	ND	0.0200	mg/kg
Methyl parathion (Parathion methyl)	ND	0.0200	mg/kg
Mevinphos	ND	0.0200	mg/kg



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0477 - 3541 (Continued)										
Method Blank (B4A0477-BLK1)										
Naled	ND	0.0200	mg/kg							
Phorate (Phosphorodithioic acid)	ND	0.0200	mg/kg							
Ronnel	ND	0.0200	mg/kg							
Tetrachlorvinphos (Stirophos)	ND	0.0200	mg/kg							
Tokuthion (Prothiofos)	ND	0.0200	mg/kg							
Trichloronate	ND	0.0200	mg/kg							

Surrogate: Tributylphosphate	0.182		mg/kg	0.167		109	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0477 - 3541 (Continued)				Prepared: 01/30/2024 17:04						
LCS (B4A0477-BS1)				Analyzed: 02/02/2024 15:04						
Azinphos-methyl	0.107	0.0200	mg/kg	0.133		80.4	30-150			
Bolstar (Sulprofos)	0.0988	0.0200	mg/kg	0.133		74.1	30-150			
Chloropyrifos (Dursban)	0.127	0.0200	mg/kg	0.133		95.0	30-150			
Coumaphos	0.131	0.0200	mg/kg	0.133		98.0	30-150			
Demeton-O & S	0.0325	0.0200	mg/kg	0.133		24.4	20-150			
Diazinon	0.128	0.0200	mg/kg	0.133		96.0	30-150			
Dichlorvos (DDVP, Diclorovos)	0.139	0.0200	mg/kg	0.133		104	30-150			
Disulfoton	0.122	0.0200	mg/kg	0.133		91.5	30-150			
Ethoprop	0.122	0.0200	mg/kg	0.133		91.4	30-150			
Fensulfothion	0.126	0.0200	mg/kg	0.133		94.2	30-150			
Fenthion	0.124	0.0200	mg/kg	0.133		93.2	30-150			
Malathion	0.133	0.0200	mg/kg	0.133		99.8	30-150			
Merphos	0.120	0.0200	mg/kg	0.133		90.2	30-150			
Methyl parathion (Parathion methyl)	0.118	0.0200	mg/kg	0.133		88.3	30-150			
Mevinphos	0.172	0.0200	mg/kg	0.133		129	30-150			
Naled	0.0685	0.0200	mg/kg	0.133		51.4	30-150			
Phorate (Phosphorodithioic acid)	0.128	0.0200	mg/kg	0.133		96.2	30-150			
Ronnel	0.131	0.0200	mg/kg	0.133		98.4	30-150			
Tetrachlorvinphos (Stirophos)	0.139	0.0200	mg/kg	0.133		105	30-150			
Tokuthion (Prothiofos)	0.125	0.0200	mg/kg	0.133		93.4	30-150			
Trichloronate	0.122	0.0200	mg/kg	0.133		91.3	30-150			
<i>Surrogate: Tributylphosphate</i>	<i>0.164</i>		<i>mg/kg</i>	<i>0.167</i>		<i>98.6</i>	<i>50-150</i>			

LCSD (B4A0477-BSD1)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
				Analyzed: 02/02/2024 15:37						
Azinphos-methyl	0.112	0.0200	mg/kg	0.133		83.6	30-150	3.91	40	
Bolstar (Sulprofos)	0.107	0.0200	mg/kg	0.133		80.5	30-150	8.28	40	
Chloropyrifos (Dursban)	0.132	0.0200	mg/kg	0.133		99.1	30-150	4.23	40	
Coumaphos	0.135	0.0200	mg/kg	0.133		101	30-150	2.97	40	
Demeton-O & S	0.0332	0.0200	mg/kg	0.133		24.9	20-150	2.00	40	
Diazinon	0.131	0.0200	mg/kg	0.133		98.4	30-150	2.45	40	
Dichlorvos (DDVP, Diclorovos)	0.143	0.0200	mg/kg	0.133		107	30-150	2.60	40	
Disulfoton	0.126	0.0200	mg/kg	0.133		94.6	30-150	3.37	40	
Ethoprop	0.126	0.0200	mg/kg	0.133		94.4	30-150	3.23	40	
Fensulfothion	0.135	0.0200	mg/kg	0.133		101	30-150	7.19	40	
Fenthion	0.129	0.0200	mg/kg	0.133		97.1	30-150	4.08	40	
Malathion	0.138	0.0200	mg/kg	0.133		104	30-150	3.99	40	
Merphos	0.116	0.0200	mg/kg	0.133		87.0	30-150	3.59	40	
Methyl parathion (Parathion methyl)	0.123	0.0200	mg/kg	0.133		92.4	30-150	4.59	40	
Mevinphos	0.179	0.0200	mg/kg	0.133		134	30-150	3.86	40	
Naled	0.0720	0.0200	mg/kg	0.133		54.0	30-150	5.01	40	
Phorate (Phosphorodithioic acid)	0.132	0.0200	mg/kg	0.133		98.8	30-150	2.63	40	

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0477 - 3541 (Continued)										
LCSD (B4A0477-BSD1)				Prepared: 01/30/2024 17:04						
				Analyzed: 02/02/2024 15:37						
Ronnel	0.136	0.0200	mg/kg	0.133		102	30-150	3.59	40	
Tetrachlorvinphos (Stirophos)	0.147	0.0200	mg/kg	0.133		110	30-150	5.56	40	
Tokuthion (Prothiofos)	0.131	0.0200	mg/kg	0.133		98.1	30-150	4.86	40	
Trichloronate	0.126	0.0200	mg/kg	0.133		94.8	30-150	3.82	40	
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Surrogate: Tributylphosphate	0.169		mg/kg	0.167		102	50-150			

Matrix Spike (B4A0477-MS1)	Source: BFA0209-01			Analyzed: 02/02/2024 16:10						
Azinphos-methyl	0.0614	0.0200	mg/kg	0.133	ND	46.2	5-150			
Bolstar (Sulprofos)	0.0868	0.0200	mg/kg	0.133	ND	65.4	50-150			
Chloropyrifos (Dursban)	0.112	0.0200	mg/kg	0.133	ND	84.1	5-150			
Coumaphos	0.130	0.0200	mg/kg	0.133	ND	98.1	5-150			
Demeton-O & S	0.0464	0.0200	mg/kg	0.133	ND	35.0	5-150			
Diazinon	0.108	0.0200	mg/kg	0.133	ND	81.3	5-150			
Dichlorvos (DDVP, Diclorovos)	0.0826	0.0200	mg/kg	0.133	ND	62.3	5-150			
Disulfoton	0.102	0.0200	mg/kg	0.133	ND	76.5	5-150			
Ethoprop	0.0919	0.0200	mg/kg	0.133	ND	69.2	50-150			
Fensulfothion	0.0502	0.0200	mg/kg	0.133	ND	37.8	5-150			
Fenthion	0.0986	0.0200	mg/kg	0.133	ND	74.3	5-150			
Malathion	0.0870	0.0200	mg/kg	0.133	ND	65.6	5-150			
Merphos	0.0858	0.0200	mg/kg	0.133	ND	64.6	5-150			
Methyl parathion (Parathion methyl)	0.0730	0.0200	mg/kg	0.133	ND	55.0	5-150			
Mevinphos	0.0770	0.0200	mg/kg	0.133	ND	58.0	5-150			
Naled	0.0255	0.0200	mg/kg	0.133	ND	19.2	5-150			
Phorate (Phosphorodithioic acid)	0.106	0.0200	mg/kg	0.133	ND	80.1	50-150			
Ronnel	0.110	0.0200	mg/kg	0.133	ND	82.8	50-150			
Tetrachlorvinphos (Stirophos)	0.0864	0.0200	mg/kg	0.133	ND	65.1	5-150			
Tokuthion (Prothiofos)	0.109	0.0200	mg/kg	0.133	ND	81.8	5-150			
Trichloronate	0.104	0.0200	mg/kg	0.133	ND	78.6	5-150			
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Surrogate: Tributylphosphate	0.153		mg/kg	0.166		92.3	50-150			



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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0477 - 3541 (Continued)				Prepared: 01/30/2024 17:04						
Matrix Spike Dup (B4A0477-MSD1)				Analyzed: 02/02/2024 16:43						
Source: BFA0209-01										
Azinphos-methyl	0.0638	0.0200	mg/kg	0.133	ND	48.1	5-150	3.86	40	
Bolstar (Sulprofos)	0.0963	0.0200	mg/kg	0.133	ND	72.6	50-150	10.3	40	
Chloropyrifos (Dursban)	0.109	0.0200	mg/kg	0.133	ND	82.5	5-150	2.03	40	
Coumaphos	0.0923	0.0200	mg/kg	0.133	ND	69.6	5-150	34.1	40	
Demeton-O & S	0.0339	0.0200	mg/kg	0.133	ND	25.6	5-150	31.3	40	
Diazinon	0.110	0.0200	mg/kg	0.133	ND	82.7	5-150	1.52	40	
Dichlorvos (DDVP, Diclorovos)	0.0817	0.0200	mg/kg	0.133	ND	61.6	5-150	1.16	40	
Disulfoton	0.104	0.0200	mg/kg	0.133	ND	78.4	5-150	2.35	40	
Ethoprop	0.0952	0.0200	mg/kg	0.133	ND	71.8	50-150	3.55	40	
Fensulfothion	0.0521	0.0200	mg/kg	0.133	ND	39.3	5-150	3.71	40	
Fenthion	0.0986	0.0200	mg/kg	0.133	ND	74.4	5-150	<1.00	40	
Malathion	0.0857	0.0200	mg/kg	0.133	ND	64.7	5-150	1.51	40	
Merphos	0.0813	0.0200	mg/kg	0.133	ND	61.4	5-150	5.32	40	
Methyl parathion (Parathion methyl)	0.0738	0.0200	mg/kg	0.133	ND	55.7	5-150	1.07	40	
Mevinphos	0.0787	0.0200	mg/kg	0.133	ND	59.4	5-150	2.10	40	
Naled	0.0273	0.0200	mg/kg	0.133	ND	20.6	5-150	6.89	40	
Phorate (Phosphorodithioic acid)	0.107	0.0200	mg/kg	0.133	ND	80.5	50-150	<1.00	40	
Ronnel	0.113	0.0200	mg/kg	0.133	ND	85.2	50-150	2.74	40	
Tetrachlorvinphos (Stirophos)	0.0928	0.0200	mg/kg	0.133	ND	70.0	5-150	7.09	40	
Tokuthion (Prothiofos)	0.111	0.0200	mg/kg	0.133	ND	83.9	5-150	2.42	40	
Trichloronate	0.104	0.0200	mg/kg	0.133	ND	78.2	5-150	<1.00	40	
Surrogate: Tributylphosphate	0.155		mg/kg	0.166		93.4	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0452 - 3550B				Prepared: 01/30/2024 08:01						
Method Blank (B4A0452-BLK1)				Analyzed: 02/02/2024 07:56						
Acifluorfen	ND	0.00250	mg/kg							
Bentazon	ND	0.00250	mg/kg							
Chloramben	ND	0.00250	mg/kg							
2,4-D	ND	0.00250	mg/kg							
2,4-DB	ND	0.00250	mg/kg							
DCPA diacid	ND	0.00250	mg/kg							
Dalapon	ND	0.00250	mg/kg							
Dicamba	ND	0.00250	mg/kg							
3,5-Dichlorobenzoic acid	ND	0.00250	mg/kg							
Dichloroprop	ND	0.00250	mg/kg							
Dinoseb	ND	0.00250	mg/kg							
MCPA	ND	0.250	mg/kg							
MCPP	ND	0.250	mg/kg							
4-Nitrophenol	ND	0.00250	mg/kg							
Pentachlorophenol (PCP)	ND	0.00250	mg/kg							
Picloram	ND	0.00250	mg/kg							
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND	0.00250	mg/kg							
2,4,5-TP	ND	0.00250	mg/kg							
<i>Surrogate: DCAA</i>	<i>0.0117</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>46.8</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0452 - 3550B (Continued)				Prepared: 01/30/2024 08:01						
LCS (B4A0452-BS1)				Analyzed: 02/02/2024 13:19						
Acifluorfen	0.0156	0.00250	mg/kg	0.0125		125	40-140			
Bentazon	0.0133	0.00250	mg/kg	0.0125		107	40-140			
Chloramben	0.0130	0.00250	mg/kg	0.0125		104	20-150			
2,4-D	0.0169	0.00250	mg/kg	0.0125		135	40-140			
2,4-DB	0.0104	0.00250	mg/kg	0.0125		83.4	40-140			
DCPA diacid	0.00553	0.00250	mg/kg	0.0125		44.2	40-140			
Dalapon	0.0111	0.00250	mg/kg	0.0125		88.6	40-140			
Dicamba	0.0154	0.00250	mg/kg	0.0125		123	40-140			
3,5-Dichlorobenzoic acid	0.0155	0.00250	mg/kg	0.0125		124	40-140			
Dichloroprop	0.00871	0.00250	mg/kg	0.0125		69.7	40-140			
Dinoseb	0.0149	0.00250	mg/kg	0.0125		119	20-150			
MCPA	1.56	0.250	mg/kg	1.25		125	40-140			
MCPP	1.73	0.250	mg/kg	1.25		138	40-140			
4-Nitrophenol	0.0121	0.00250	mg/kg	0.0125		96.5	40-140			
Pentachlorophenol (PCP)	0.0155	0.00250	mg/kg	0.0125		124	40-140			
Picloram	0.00366	0.00250	mg/kg	0.0125		29.3	20-150			
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.0158	0.00250	mg/kg	0.0125		126	40-140			
2,4,5-TP	0.0166	0.00250	mg/kg	0.0125		133	40-140			
<i>Surrogate: DCAA</i>	<i>0.0285</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>114</i>	<i>25-140</i>			

LCS (B4A0452-BSD1)				Analyzed: 02/02/2024 05:59						
Acifluorfen	0.00549	0.00250	mg/kg	0.0125		43.9	40-140	95.9	40	R
Bentazon	0.00847	0.00250	mg/kg	0.0125		67.8	40-140	44.5	40	R
Chloramben	0.00264	0.00250	mg/kg	0.0125		21.1	20-150	133	40	R
2,4-D	0.00665	0.00250	mg/kg	0.0125		53.2	40-140	87.0	40	R
2,4-DB	0.00508	0.00250	mg/kg	0.0125		40.6	40-140	69.1	40	R
DCPA diacid	0.00508	0.00250	mg/kg	0.0125		40.6	40-140	8.52	40	
Dalapon	0.00858	0.00250	mg/kg	0.0125		68.7	40-140	25.3	40	
Dicamba	0.00639	0.00250	mg/kg	0.0125		51.1	40-140	82.7	40	R
3,5-Dichlorobenzoic acid	0.00605	0.00250	mg/kg	0.0125		48.4	40-140	87.9	40	R
Dichloroprop	0.00622	0.00250	mg/kg	0.0125		49.7	40-140	33.5	40	
Dinoseb	0.00348	0.00250	mg/kg	0.0125		27.8	20-150	124	40	R
MCPA	1.38	0.250	mg/kg	1.25		110	40-140	12.6	40	
MCPP	0.634	0.250	mg/kg	1.25		50.7	40-140	92.6	40	R
4-Nitrophenol	0.00825	0.00250	mg/kg	0.0125		66.0	40-140	37.5	40	
Pentachlorophenol (PCP)	0.00755	0.00250	mg/kg	0.0125		60.4	40-140	69.2	40	R
Picloram	0.00142	0.00250	mg/kg	0.0125		11.4	20-150	87.9	40	BS, R
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00858	0.00250	mg/kg	0.0125		68.7	40-140	59.2	40	R
2,4,5-TP	0.00799	0.00250	mg/kg	0.0125		63.9	40-140	70.1	40	R
<i>Surrogate: DCAA</i>	<i>0.0142</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>56.9</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0452 - 3550B (Continued)				Prepared: 01/30/2024 08:01						
Matrix Spike (B4A0452-MS1)				Source: BFA0181-12						
				Analyzed: 02/02/2024 06:58						
Acifluorfen	0.00439	0.00250	mg/kg	0.0124	0.00122	25.6	30-140			M
Bentazon	0.0103	0.00250	mg/kg	0.0124	ND	83.5	30-140			
Chloramben	0.00338	0.00250	mg/kg	0.0124	ND	27.2	30-140			M
2,4-D	0.00458	0.00250	mg/kg	0.0124	ND	37.0	30-140			
2,4-DB	0.00399	0.00250	mg/kg	0.0124	ND	32.2	30-140			
DCPA diacid	0.000566	0.00250	mg/kg	0.0124	ND	4.57	30-140			M
Dalapon	0.00100	0.00250	mg/kg	0.0124	ND	8.07	30-140			M
Dicamba	0.00219	0.00250	mg/kg	0.0124	ND	17.7	30-140			M
3,5-Dichlorobenzoic acid	0.00714	0.00250	mg/kg	0.0124	ND	57.6	30-140			
Dichloroprop	0.00645	0.00250	mg/kg	0.0124	ND	52.0	30-140			
Dinoseb	0.00924	0.00250	mg/kg	0.0124	ND	74.6	30-140			
MCPA	0.566	0.250	mg/kg	1.24	ND	45.7	30-140			
MCPP	0.553	0.250	mg/kg	1.24	ND	44.7	30-140			
4-Nitrophenol	0.00925	0.00250	mg/kg	0.0124	ND	74.7	30-140			
Pentachlorophenol (PCP)	0.0127	0.00250	mg/kg	0.0124	ND	103	30-140			
Picloram	0.000556	0.00250	mg/kg	0.0124	ND	4.49	30-140			M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00728	0.00250	mg/kg	0.0124	ND	58.7	30-140			
2,4,5-TP	0.0106	0.00250	mg/kg	0.0124	ND	85.4	30-140			
<i>Surrogate: DCAA</i>	<i>0.0137</i>		<i>mg/kg</i>	<i>0.0248</i>		<i>55.3</i>	<i>25-140</i>			

Matrix Spike Dup (B4A0452-MSD1)				Source: BFA0181-12						
				Analyzed: 02/02/2024 07:27						
Acifluorfen	0.00485	0.00250	mg/kg	0.0124	0.00122	29.4	30-140	10.1	40	M
Bentazon	0.0110	0.00250	mg/kg	0.0124	ND	89.1	30-140	6.31	40	
Chloramben	0.00346	0.00250	mg/kg	0.0124	ND	28.0	30-140	2.50	40	M
2,4-D	0.00487	0.00250	mg/kg	0.0124	ND	39.4	30-140	6.18	40	
2,4-DB	0.00427	0.00250	mg/kg	0.0124	ND	34.6	30-140	6.88	40	
DCPA diacid	0.000598	0.00250	mg/kg	0.0124	ND	4.84	30-140	5.64	40	M
Dalapon	0.000923	0.00250	mg/kg	0.0124	ND	7.47	30-140	8.06	40	M
Dicamba	0.00211	0.00250	mg/kg	0.0124	ND	17.1	30-140	3.86	40	M
3,5-Dichlorobenzoic acid	0.00748	0.00250	mg/kg	0.0124	ND	60.5	30-140	4.60	40	
Dichloroprop	0.00669	0.00250	mg/kg	0.0124	ND	54.2	30-140	3.75	40	
Dinoseb	0.00980	0.00250	mg/kg	0.0124	ND	79.3	30-140	5.84	40	
MCPA	0.495	0.250	mg/kg	1.24	ND	40.0	30-140	13.4	40	
MCPP	4.11	0.250	mg/kg	1.24	ND	333	30-140	153	40	M, R
4-Nitrophenol	0.0103	0.00250	mg/kg	0.0124	ND	83.2	30-140	10.6	40	
Pentachlorophenol (PCP)	0.0131	0.00250	mg/kg	0.0124	ND	106	30-140	3.05	40	
Picloram	0.000596	0.00250	mg/kg	0.0124	ND	4.82	30-140	6.84	40	M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00781	0.00250	mg/kg	0.0124	ND	63.2	30-140	7.10	40	
2,4,5-TP	0.0106	0.00250	mg/kg	0.0124	ND	86.0	30-140	<1.00	40	
<i>Surrogate: DCAA</i>	<i>0.0133</i>		<i>mg/kg</i>	<i>0.0247</i>		<i>54.0</i>	<i>25-140</i>			

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0453 - 3550B										
Method Blank (B4A0453-BLK1)										
Prepared: 01/30/2024 08:04										
Analyzed: 02/02/2024 23:05										
Acifluorfen	ND	0.00250	mg/kg							
Bentazon	ND	0.00250	mg/kg							
Chloramben	ND	0.00250	mg/kg							
2,4-D	ND	0.00250	mg/kg							
2,4-DB	ND	0.00250	mg/kg							
DCPA diacid	ND	0.00250	mg/kg							
Dalapon	ND	0.00250	mg/kg							
Dicamba	ND	0.00250	mg/kg							
3,5-Dichlorobenzoic acid	ND	0.00250	mg/kg							
Dichloroprop	ND	0.00250	mg/kg							
Dinoseb	ND	0.00250	mg/kg							
MCPA	ND	0.250	mg/kg							
MCPP	ND	0.250	mg/kg							
4-Nitrophenol	ND	0.00250	mg/kg							
Pentachlorophenol (PCP)	ND	0.00250	mg/kg							
Picloram	ND	0.00250	mg/kg							
2,4,5-T	ND	0.00250	mg/kg							
(2,4,5-Trichlorophenoxyacetic acid)										
2,4,5-TP	ND	0.00250	mg/kg							

Surrogate: DCAA	0.0125		mg/kg	0.0250		50.0	25-140			



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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0453 - 3550B (Continued)				Prepared: 01/30/2024 08:04						
LCS (B4A0453-BS1)				Analyzed: 02/02/2024 20:40						
Acifluorfen	0.00276	0.00250	mg/kg	0.0125		22.0	40-140			BS
Bentazon	0.00717	0.00250	mg/kg	0.0125		57.4	40-140			
Chloramben	0.00249	0.00250	mg/kg	0.0125		19.9	20-150			BS
2,4-D	0.00641	0.00250	mg/kg	0.0125		51.3	40-140			
2,4-DB	0.00276	0.00250	mg/kg	0.0125		22.1	40-140			BS
DCPA diacid	0.00482	0.00250	mg/kg	0.0125		38.6	40-140			BS
Dalapon	0.00650	0.00250	mg/kg	0.0125		52.0	40-140			
Dicamba	0.00618	0.00250	mg/kg	0.0125		49.5	40-140			
3,5-Dichlorobenzoic acid	0.00574	0.00250	mg/kg	0.0125		45.9	40-140			
Dichloroprop	0.00800	0.00250	mg/kg	0.0125		64.0	40-140			
Dinoseb	0.00298	0.00250	mg/kg	0.0125		23.8	20-150			
MCPA	1.24	0.250	mg/kg	1.25		98.8	40-140			
MCPP	0.859	0.250	mg/kg	1.25		68.7	40-140			
4-Nitrophenol	0.0137	0.00250	mg/kg	0.0125		110	40-140			
Pentachlorophenol (PCP)	0.00700	0.00250	mg/kg	0.0125		56.0	40-140			
Picloram	0.00129	0.00250	mg/kg	0.0125		10.3	20-150			BS
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00793	0.00250	mg/kg	0.0125		63.5	40-140			
2,4,5-TP	0.00773	0.00250	mg/kg	0.0125		61.8	40-140			
<i>Surrogate: DCAA</i>	<i>0.0138</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>55.3</i>	<i>25-140</i>			

LCS (B4A0453-BSD1)				Analyzed: 02/02/2024 21:09						
Acifluorfen	0.00502	0.00250	mg/kg	0.0125		40.1	40-140	58.2	40	R
Bentazon	0.00787	0.00250	mg/kg	0.0125		62.9	40-140	9.27	40	
Chloramben	0.00255	0.00250	mg/kg	0.0125		20.4	20-150	2.40	40	
2,4-D	0.00603	0.00250	mg/kg	0.0125		48.2	40-140	6.17	40	
2,4-DB	0.00187	0.00250	mg/kg	0.0125		14.9	40-140	38.6	40	BS
DCPA diacid	0.00418	0.00250	mg/kg	0.0125		33.4	40-140	14.4	40	BS
Dalapon	0.00794	0.00250	mg/kg	0.0125		63.5	40-140	20.0	40	
Dicamba	0.00566	0.00250	mg/kg	0.0125		45.2	40-140	8.94	40	
3,5-Dichlorobenzoic acid	0.00557	0.00250	mg/kg	0.0125		44.5	40-140	3.13	40	
Dichloroprop	0.00682	0.00250	mg/kg	0.0125		54.6	40-140	15.9	40	
Dinoseb	0.00291	0.00250	mg/kg	0.0125		23.3	20-150	2.53	40	
MCPA	1.29	0.250	mg/kg	1.25		103	40-140	4.07	40	
MCPP	0.811	0.250	mg/kg	1.25		64.9	40-140	5.71	40	
4-Nitrophenol	0.0141	0.00250	mg/kg	0.0125		113	40-140	2.49	40	
Pentachlorophenol (PCP)	0.00700	0.00250	mg/kg	0.0125		56.0	40-140	<1.00	40	
Picloram	0.000472	0.00250	mg/kg	0.0125		3.78	20-150	93.0	40	BS, R
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00803	0.00250	mg/kg	0.0125		64.2	40-140	1.19	40	
2,4,5-TP	0.00729	0.00250	mg/kg	0.0125		58.3	40-140	5.80	40	
<i>Surrogate: DCAA</i>	<i>0.0121</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>48.4</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0181 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 09:44
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0453 - 3550B (Continued)				Prepared: 01/30/2024 08:04						
Matrix Spike (B4A0453-MS1)				Source: BFA0181-29						
				Analyzed: 02/02/2024 22:07						
Acifluorfen	0.00527	0.00250	mg/kg	0.0124	ND	42.6	30-140			
Bentazon	0.0134	0.00250	mg/kg	0.0124	ND	108	30-140			
Chloramben	0.00438	0.00250	mg/kg	0.0124	ND	35.4	30-140			
2,4-D	0.00454	0.00250	mg/kg	0.0124	ND	36.7	30-140			
2,4-DB	0.00545	0.00250	mg/kg	0.0124	ND	44.0	30-140			
DCPA diacid	0.000249	0.00250	mg/kg	0.0124	ND	2.01	30-140			M
Dalapon	0.00373	0.00250	mg/kg	0.0124	ND	30.1	30-140			
Dicamba	0.00451	0.00250	mg/kg	0.0124	ND	36.4	30-140			
3,5-Dichlorobenzoic acid	0.00594	0.00250	mg/kg	0.0124	ND	48.0	30-140			
Dichloroprop	0.00374	0.00250	mg/kg	0.0124	ND	30.2	30-140			
Dinoseb	0.00802	0.00250	mg/kg	0.0124	ND	64.8	30-140			
MCPA	0.674	0.250	mg/kg	1.24	ND	54.4	30-140			
MCPP	0.519	0.250	mg/kg	1.24	ND	41.9	30-140			
4-Nitrophenol	0.00856	0.00250	mg/kg	0.0124	ND	69.1	30-140			
Pentachlorophenol (PCP)	0.00998	0.00250	mg/kg	0.0124	ND	80.6	30-140			
Picloram	0.00171	0.00250	mg/kg	0.0124	ND	13.8	30-140			M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00734	0.00250	mg/kg	0.0124	ND	59.3	30-140			
2,4,5-TP	0.00837	0.00250	mg/kg	0.0124	ND	67.6	30-140			
<i>Surrogate: DCAA</i>	<i>0.0145</i>		<i>mg/kg</i>	<i>0.0248</i>		<i>58.7</i>	<i>25-140</i>			

Matrix Spike Dup (B4A0453-MSD1)				Source: BFA0181-29						
				Analyzed: 02/02/2024 22:36						
Acifluorfen	0.00508	0.00250	mg/kg	0.0123	ND	41.2	30-140	3.66	40	
Bentazon	0.0125	0.00250	mg/kg	0.0123	ND	102	30-140	6.34	40	
Chloramben	0.00412	0.00250	mg/kg	0.0123	ND	33.4	30-140	6.12	40	
2,4-D	0.00427	0.00250	mg/kg	0.0123	ND	34.6	30-140	6.26	40	
2,4-DB	0.00564	0.00250	mg/kg	0.0123	ND	45.7	30-140	3.37	40	
DCPA diacid	0.000232	0.00250	mg/kg	0.0123	ND	1.88	30-140	6.78	40	M
Dalapon	0.00364	0.00250	mg/kg	0.0123	ND	29.5	30-140	2.42	40	M
Dicamba	0.00435	0.00250	mg/kg	0.0123	ND	35.2	30-140	3.64	40	
3,5-Dichlorobenzoic acid	0.00567	0.00250	mg/kg	0.0123	ND	45.9	30-140	4.68	40	
Dichloroprop	0.00364	0.00250	mg/kg	0.0123	ND	29.5	30-140	2.49	40	M
Dinoseb	0.00753	0.00250	mg/kg	0.0123	ND	61.0	30-140	6.30	40	
MCPA	0.833	0.250	mg/kg	1.23	ND	67.5	30-140	21.1	40	
MCPP	0.786	0.250	mg/kg	1.23	ND	63.7	30-140	40.9	40	R
4-Nitrophenol	0.00862	0.00250	mg/kg	0.0123	ND	69.8	30-140	<1.00	40	
Pentachlorophenol (PCP)	0.00940	0.00250	mg/kg	0.0123	ND	76.2	30-140	6.00	40	
Picloram	0.00162	0.00250	mg/kg	0.0123	ND	13.1	30-140	5.58	40	M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00687	0.00250	mg/kg	0.0123	ND	55.7	30-140	6.57	40	
2,4,5-TP	0.00793	0.00250	mg/kg	0.0123	ND	64.3	30-140	5.36	40	
<i>Surrogate: DCAA</i>	<i>0.0139</i>		<i>mg/kg</i>	<i>0.0247</i>		<i>56.3</i>	<i>25-140</i>			



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AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0181
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 09:44

Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
---------	--------	----	-------	-------------	---------------	------	-------------	-----	-----------	-----------



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Enthalpy Analytical	AETL Job Number:	BFA0181	
931 W. Barkley Ave.	Project Number:	EO-500850	
Orange, CA 92868	Attention:	Patty Mata	
	Project Name:	EO-500850	Reported: 02/06/2024 09:44

Qualifiers and Definitions

ITEM	Qualifiers
BS	The recovery of this analyte in LCS and/or LCSD was outside control limit. Sample was accepted based on the remaining LCSand/or LCSD.
D	Sample was analyzed under dilution due to matrix interference.
M	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference. Laboratory Control Samples(LCS/LCSD) recovery were acceptable.
R	The RPD was outside of QC acceptance limits due to possible matrix interference.
S6	Surrogate recovery is outside control limits due to matrix interference.

ITEM	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.



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Enthalpy Analytical	AETL Job Number:	BFA0181	
931 W. Barkley Ave.	Project Number:	EO-500850	
Orange, CA 92868	Attention:	Patty Mata	
	Project Name:	EO-500850	Reported: 02/06/2024 09:44

mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLIC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



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February 06, 2024

AETL Job No: BFA0209
Received Date: 01/29/2024
Project Number: EO-500850

Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868
Telephone: (714) 771-9930

Attention: Patty Mata

Project Name: EO-500850

Site:

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Daljit Khangura
Laboratory Director

Table of Contents

Client Project Name: OPP & Herbicide Project Number: EO-500850
Work Order Number: BFA0209

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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0209
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 10:03

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.0 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



Enthalpy Analytical - Orange
Orange, CA 92868
(714) 771-6900 / Fax: (510) 486-0532

Subcontract Laboratory:

American Environmental Testing
2840 N Naomi Street
Burbank, CA 91504-2023
ATTN: Hailley Coleman
PO #: Required, to be sent via email

Enthalpy Order: EO-500850

PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT

Report Level: II

Report To: RL

EDDs: Standard Excel Transfer File (3 tab xls: SAMPDATE, QC DATA, LNOTE)

BFA0209

Notes:

Need both 8141 & 8151 tests.

(Added 2 more samples) (Signature)

BF-A0209

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SPH01-00.5	25-JAN-2024 14:04	500850-001	1	Soil	Organophosphorus Pesticides	01
				Soil	EPA 8151A Chlorinated Herbicides	02
SPH01-05.0	25-JAN-2024 14:06	500850-002	1	Soil	Organophosphorus Pesticides	03
				Soil	EPA 8151A Chlorinated Herbicides	04
SPH01-05.0D	25-JAN-2024 14:07	500850-003	1	Soil	Organophosphorus Pesticides	05
				Soil	EPA 8151A Chlorinated Herbicides	06
SPH01-10.0	25-JAN-2024 14:12	500850-004	1	Soil	Organophosphorus Pesticides	07
				Soil	EPA 8151A Chlorinated Herbicides	08
SPH01-15.0	25-JAN-2024 14:16	500850-005	1	Soil	Organophosphorus Pesticides	09
				Soil	EPA 8151A Chlorinated Herbicides	10
SPH01-20.0	25-JAN-2024 14:20	500850-006	1	Soil	Organophosphorus Pesticides	11
				Soil	EPA 8151A Chlorinated Herbicides	12
SPH01-25.0	25-JAN-2024 14:30	500850-007	1	Soil	Organophosphorus Pesticides	13
				Soil	EPA 8151A Chlorinated Herbicides	14
SPH02-00.5	25-JAN-2024 09:28	500850-008	1	Soil	Organophosphorus Pesticides	15
				Soil	EPA 8151A Chlorinated Herbicides	16
SPH02-05.0	25-JAN-2024 09:30	500850-009	1	Soil	Organophosphorus Pesticides	17
				Soil	EPA 8151A Chlorinated Herbicides	18
SPH02-10.0	25-JAN-2024 09:35	500850-010	1	Soil	Organophosphorus Pesticides	19
				Soil	EPA 8151A Chlorinated Herbicides	20
SPH02-15.0	25-JAN-2024 09:40	500850-011	1	Soil	Organophosphorus Pesticides	21
				Soil	EPA 8151A Chlorinated Herbicides	22
SPH02-20.0	25-JAN-2024 09:50	500850-012	1	Soil	Organophosphorus Pesticides	23
				Soil	EPA 8151A Chlorinated Herbicides	24
SPH02-25.0	25-JAN-2024 09:55	500850-013	1	Soil	Organophosphorus Pesticides	25
				Soil	EPA 8151A Chlorinated Herbicides	26
SPH02-30.0D	25-JAN-2024 10:16	500850-014	1	Soil	Organophosphorus Pesticides	27
				Soil	EPA 8151A Chlorinated Herbicides	28
SPH02-30.0	25-JAN-2024 10:15	500850-015	1	Soil	Organophosphorus Pesticides	29
				Soil	EPA 8151A Chlorinated Herbicides	30
SPH02-35.0	25-JAN-2024 10:28	500850-016	1	Soil	Organophosphorus Pesticides	31
				Soil	EPA 8151A Chlorinated Herbicides	32
SPH03-05.0	25-JAN-2024 11:02	500850-017	1	Soil	Organophosphorus Pesticides	33
				Soil	EPA 8151A Chlorinated Herbicides	34
SPH03-10.0	25-JAN-2024 11:08	500850-018	1	Soil	Organophosphorus Pesticides	35
				Soil	EPA 8151A Chlorinated Herbicides	36
SPH03-15.0	25-JAN-2024 11:12	500850-019	1	Soil	Organophosphorus Pesticides	37
				Soil	EPA 8151A Chlorinated Herbicides	38
SPH03-20.0	25-JAN-2024 11:15	500850-020	1	Soil	Organophosphorus Pesticides	39
				Soil	EPA 8151A Chlorinated Herbicides	40
SPH03-25.0	25-JAN-2024 11:25	500850-021	1	Soil	Organophosphorus Pesticides	41
				Soil	EPA 8151A Chlorinated Herbicides	42
SPH03-30.0	25-JAN-2024 11:35	500850-022	1	Soil	Organophosphorus Pesticides	43
				Soil	EPA 8151A Chlorinated Herbicides	44
SPH03-30.0D	25-JAN-2024 11:36	500850-023	1	Soil	Organophosphorus Pesticides	45
				Soil	EPA 8151A Chlorinated Herbicides	46
SPH03-35.0	25-JAN-2024 11:45	500850-024	1	Soil	Organophosphorus Pesticides	47
				Soil	EPA 8151A Chlorinated Herbicides	48
SPH04-00.5	25-JAN-2024 13:18	500850-025	1	Soil	Organophosphorus Pesticides	49
				Soil	EPA 8151A Chlorinated Herbicides	50
SPH04-05.0	25-JAN-2024 13:20	500850-026	1	Soil	Organophosphorus Pesticides	51
				Soil	EPA 8151A Chlorinated Herbicides	52
SPH04-10.0	25-JAN-2024 13:22	500850-027	1	Soil	Organophosphorus Pesticides	53
				Soil	EPA 8151A Chlorinated Herbicides	54
SPH04-15.0	25-JAN-2024 13:26	500850-028	1	Soil	Organophosphorus Pesticides	55
				Soil	EPA 8151A Chlorinated Herbicides	56
SPH04-20.0	25-JAN-2024 13:30	500850-029	1	Soil	Organophosphorus Pesticides	57
				Soil	EPA 8151A Chlorinated Herbicides	58
SPH04-25.0	25-JAN-2024 13:40	500850-030	1	Soil	Organophosphorus Pesticides	59
				Soil	EPA 8151A Chlorinated Herbicides	60
SPH03-40.0	25-JAN-2024 11:15	500850-031	1	Soil	Organophosphorus Pesticides	61
				Soil	EPA 8151A Chlorinated Herbicides	62
SPH03-45.0	25-JAN-2024 12:07	500850-032	1	Soil	Organophosphorus Pesticides	63
				Soil	EPA 8151A Chlorinated Herbicides	64

Notes:	Relinquished By:	Received By:
	<i>Ms. Sargis Bird</i>	<i>Deejean Egan</i>
	Date: <i>1/29/24 1515</i>	Date: <i>01/29/24 1515</i>
	Date:	Date:
	Date:	Date:

Enthalpy CoC Event # 70247 Report

Enthalpy CoC Event #70247 Report
Check-in at 2024-01-26 12:01 by Eric Galvan

Employee: Eric Galvan	Event Location: SR-5 Sub
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Item	Container	Shelf	#
Sample 500850-031	SA83035		1
Sample 500850-032	SA83038		1



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COOLER RECEIPT FORM

Client Name: Enthalpy Analytical				
Project Name: OPP & Herbicides			Project No.: EO-500850	
AETL Job Number: BFA0209				
Date Received: 01/29/2024		Received by: Daljit K		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (1) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: 5.0 °C IR Gun S/N: 51941909MV				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No*	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers intact and in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
12. Are there any samples with short hold times?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager (PM). The PM will contact the client for Analyze or Resample instructions.

* For samples generating a “No” answer, the Project Manager is notified, and the PM will contact the client for Analyze or Resample instructions.



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0209
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 10:03

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Samples Received

AETL received the following samples on 01/29/2024 with the following specifications

Client ID	Sample Date
SPH03-40.0	01/25/2024 11:15
Lab ID	Matrix
BFA0209-01	Soil
Quantity of Containers	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
TAT	5
TAT	5
Client ID	Sample Date
SPH03-45.0	01/25/2024 12:07
Lab ID	Matrix
BFA0209-02	Soil
Quantity of Containers	1
Analysis	Units
EPA 8141A	mg/kg
EPA 8151A	mg/kg
TAT	5
TAT	5

Total Number of Samples received: 2



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0209
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 10:03

Positive Hits Summary

Lab ID	Client ID				Sampled
Method	Analyte	Result	Qualifier	Unit	Analyzed

No positive results reported



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0209
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 10:03

Analytical Results

Client ID: SPH03-40.0

Lab ID: BFA0209-01 (Soil)

Sampled: 01/25/24 11:15

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541

	Recovery	Acceptance Criteria								
Surrogate: Tributylphosphate	97.5%	50-150	01/30/24 17:04	02/03/24 04:47	B4A0477	TTN	3541			

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Analytical Results

Client ID: SPH03-40.0

Lab ID: BFA0209-01 (Soil)

Sampled: 01/25/24 11:15

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method	
Chlorinated Herbicides (Continued)											
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	
<hr/>											
				Recovery	Acceptance Criteria						
Surrogate: DCAA	29.8%			25-140		01/30/24 08:04	02/03/24 07:48	B4A0453	KF	3550B	



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Analytical Results

Client ID: SPH03-45.0

Lab ID: BFA0209-02 (Soil)

Sampled: 01/25/24 12:07

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Malathion	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Merphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Naled	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	96.5%	50-150	01/30/24 17:04	02/03/24 05:20	B4A0477	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Analytical Results

Client ID: SPH03-45.0

Lab ID: BFA0209-02 (Soil)

Sampled: 01/25/24 12:07

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method	
Chlorinated Herbicides (Continued)											
Dalapon	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
Dicamba	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
Dichloroprop	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
Dinoseb	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
MCPA	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
MCPP	ND		1	0.250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
4-Nitrophenol	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
Picloram	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
2,4,5-TP	ND		1	0.00250	mg/kg	01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	
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				Recovery	Acceptance Criteria						
Surrogate: DCAA	21.3%	S6		25-140		01/30/24 08:04	02/03/24 08:17	B4A0453	KF	3550B	



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0477 - 3541				Prepared: 01/30/2024 17:04						
Method Blank (B4A0477-BLK1)				Analyzed: 02/02/2024 17:16						
Azinphos-methyl	ND	0.0200	mg/kg							
Bolstar (Sulprofos)	ND	0.0200	mg/kg							
Chloropyrifos (Dursban)	ND	0.0200	mg/kg							
Coumaphos	ND	0.0200	mg/kg							
Demeton-O & S	ND	0.0200	mg/kg							
Diazinon	ND	0.0200	mg/kg							
Dichlorvos (DDVP, Diclorovos)	ND	0.0200	mg/kg							
Disulfoton	ND	0.0200	mg/kg							
Ethoprop	ND	0.0200	mg/kg							
Fensulfothion	ND	0.0200	mg/kg							
Fenthion	ND	0.0200	mg/kg							
Malathion	ND	0.0200	mg/kg							
Merphos	ND	0.0200	mg/kg							
Methyl parathion (Parathion methyl)	ND	0.0200	mg/kg							
Mevinphos	ND	0.0200	mg/kg							
Naled	ND	0.0200	mg/kg							
Phorate (Phosphorodithioic acid)	ND	0.0200	mg/kg							
Ronnel	ND	0.0200	mg/kg							
Tetrachlorvinphos (Stirophos)	ND	0.0200	mg/kg							
Tokuthion (Prothiofos)	ND	0.0200	mg/kg							
Trichloronate	ND	0.0200	mg/kg							
<hr/>										
Surrogate: Tributylphosphate	0.182		mg/kg	0.167		109	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0477 - 3541 (Continued)				Prepared: 01/30/2024 17:04						
LCS (B4A0477-BS1)				Analyzed: 02/02/2024 15:04						
Azinphos-methyl	0.107	0.0200	mg/kg	0.133		80.4	30-150			
Bolstar (Sulprofos)	0.0988	0.0200	mg/kg	0.133		74.1	30-150			
Chloropyrifos (Dursban)	0.127	0.0200	mg/kg	0.133		95.0	30-150			
Coumaphos	0.131	0.0200	mg/kg	0.133		98.0	30-150			
Demeton-O & S	0.0325	0.0200	mg/kg	0.133		24.4	20-150			
Diazinon	0.128	0.0200	mg/kg	0.133		96.0	30-150			
Dichlorvos (DDVP, Diclorovos)	0.139	0.0200	mg/kg	0.133		104	30-150			
Disulfoton	0.122	0.0200	mg/kg	0.133		91.5	30-150			
Ethoprop	0.122	0.0200	mg/kg	0.133		91.4	30-150			
Fensulfothion	0.126	0.0200	mg/kg	0.133		94.2	30-150			
Fenthion	0.124	0.0200	mg/kg	0.133		93.2	30-150			
Malathion	0.133	0.0200	mg/kg	0.133		99.8	30-150			
Merphos	0.120	0.0200	mg/kg	0.133		90.2	30-150			
Methyl parathion (Parathion methyl)	0.118	0.0200	mg/kg	0.133		88.3	30-150			
Mevinphos	0.172	0.0200	mg/kg	0.133		129	30-150			
Naled	0.0685	0.0200	mg/kg	0.133		51.4	30-150			
Phorate (Phosphorodithioic acid)	0.128	0.0200	mg/kg	0.133		96.2	30-150			
Ronnel	0.131	0.0200	mg/kg	0.133		98.4	30-150			
Tetrachlorvinphos (Stirophos)	0.139	0.0200	mg/kg	0.133		105	30-150			
Tokuthion (Prothiofos)	0.125	0.0200	mg/kg	0.133		93.4	30-150			
Trichloronate	0.122	0.0200	mg/kg	0.133		91.3	30-150			
<i>Surrogate: Tributylphosphate</i>	<i>0.164</i>		<i>mg/kg</i>	<i>0.167</i>		<i>98.6</i>	<i>50-150</i>			

LCSD (B4A0477-BSD1)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
				Analyzed: 02/02/2024 15:37						
Azinphos-methyl	0.112	0.0200	mg/kg	0.133		83.6	30-150	3.91	40	
Bolstar (Sulprofos)	0.107	0.0200	mg/kg	0.133		80.5	30-150	8.28	40	
Chloropyrifos (Dursban)	0.132	0.0200	mg/kg	0.133		99.1	30-150	4.23	40	
Coumaphos	0.135	0.0200	mg/kg	0.133		101	30-150	2.97	40	
Demeton-O & S	0.0332	0.0200	mg/kg	0.133		24.9	20-150	2.00	40	
Diazinon	0.131	0.0200	mg/kg	0.133		98.4	30-150	2.45	40	
Dichlorvos (DDVP, Diclorovos)	0.143	0.0200	mg/kg	0.133		107	30-150	2.60	40	
Disulfoton	0.126	0.0200	mg/kg	0.133		94.6	30-150	3.37	40	
Ethoprop	0.126	0.0200	mg/kg	0.133		94.4	30-150	3.23	40	
Fensulfothion	0.135	0.0200	mg/kg	0.133		101	30-150	7.19	40	
Fenthion	0.129	0.0200	mg/kg	0.133		97.1	30-150	4.08	40	
Malathion	0.138	0.0200	mg/kg	0.133		104	30-150	3.99	40	
Merphos	0.116	0.0200	mg/kg	0.133		87.0	30-150	3.59	40	
Methyl parathion (Parathion methyl)	0.123	0.0200	mg/kg	0.133		92.4	30-150	4.59	40	
Mevinphos	0.179	0.0200	mg/kg	0.133		134	30-150	3.86	40	
Naled	0.0720	0.0200	mg/kg	0.133		54.0	30-150	5.01	40	
Phorate (Phosphorodithioic acid)	0.132	0.0200	mg/kg	0.133		98.8	30-150	2.63	40	

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0477 - 3541 (Continued)										
LCSD (B4A0477-BSD1)				Prepared: 01/30/2024 17:04						
				Analyzed: 02/02/2024 15:37						
Ronnel	0.136	0.0200	mg/kg	0.133		102	30-150	3.59	40	
Tetrachlorvinphos (Stirophos)	0.147	0.0200	mg/kg	0.133		110	30-150	5.56	40	
Tokuthion (Prothiofos)	0.131	0.0200	mg/kg	0.133		98.1	30-150	4.86	40	
Trichloronate	0.126	0.0200	mg/kg	0.133		94.8	30-150	3.82	40	
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Surrogate: Tributylphosphate	0.169		mg/kg	0.167		102	50-150			

Matrix Spike (B4A0477-MS1)	Source: BFA0209-01			Analyzed: 02/02/2024 16:10						
Azinphos-methyl	0.0614	0.0200	mg/kg	0.133	ND	46.2	5-150			
Bolstar (Sulprofos)	0.0868	0.0200	mg/kg	0.133	ND	65.4	50-150			
Chloropyrifos (Dursban)	0.112	0.0200	mg/kg	0.133	ND	84.1	5-150			
Coumaphos	0.130	0.0200	mg/kg	0.133	ND	98.1	5-150			
Demeton-O & S	0.0464	0.0200	mg/kg	0.133	ND	35.0	5-150			
Diazinon	0.108	0.0200	mg/kg	0.133	ND	81.3	5-150			
Dichlorvos (DDVP, Diclorovos)	0.0826	0.0200	mg/kg	0.133	ND	62.3	5-150			
Disulfoton	0.102	0.0200	mg/kg	0.133	ND	76.5	5-150			
Ethoprop	0.0919	0.0200	mg/kg	0.133	ND	69.2	50-150			
Fensulfothion	0.0502	0.0200	mg/kg	0.133	ND	37.8	5-150			
Fenthion	0.0986	0.0200	mg/kg	0.133	ND	74.3	5-150			
Malathion	0.0870	0.0200	mg/kg	0.133	ND	65.6	5-150			
Merphos	0.0858	0.0200	mg/kg	0.133	ND	64.6	5-150			
Methyl parathion (Parathion methyl)	0.0730	0.0200	mg/kg	0.133	ND	55.0	5-150			
Mevinphos	0.0770	0.0200	mg/kg	0.133	ND	58.0	5-150			
Naled	0.0255	0.0200	mg/kg	0.133	ND	19.2	5-150			
Phorate (Phosphorodithioic acid)	0.106	0.0200	mg/kg	0.133	ND	80.1	50-150			
Ronnel	0.110	0.0200	mg/kg	0.133	ND	82.8	50-150			
Tetrachlorvinphos (Stirophos)	0.0864	0.0200	mg/kg	0.133	ND	65.1	5-150			
Tokuthion (Prothiofos)	0.109	0.0200	mg/kg	0.133	ND	81.8	5-150			
Trichloronate	0.104	0.0200	mg/kg	0.133	ND	78.6	5-150			
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Surrogate: Tributylphosphate	0.153		mg/kg	0.166		92.3	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0477 - 3541 (Continued)				Prepared: 01/30/2024 17:04						
Matrix Spike Dup (B4A0477-MSD1)				Analyzed: 02/02/2024 16:43						
Source: BFA0209-01										
Azinphos-methyl	0.0638	0.0200	mg/kg	0.133	ND	48.1	5-150	3.86	40	
Bolstar (Sulprofos)	0.0963	0.0200	mg/kg	0.133	ND	72.6	50-150	10.3	40	
Chloropyrifos (Dursban)	0.109	0.0200	mg/kg	0.133	ND	82.5	5-150	2.03	40	
Coumaphos	0.0923	0.0200	mg/kg	0.133	ND	69.6	5-150	34.1	40	
Demeton-O & S	0.0339	0.0200	mg/kg	0.133	ND	25.6	5-150	31.3	40	
Diazinon	0.110	0.0200	mg/kg	0.133	ND	82.7	5-150	1.52	40	
Dichlorvos (DDVP, Diclorovos)	0.0817	0.0200	mg/kg	0.133	ND	61.6	5-150	1.16	40	
Disulfoton	0.104	0.0200	mg/kg	0.133	ND	78.4	5-150	2.35	40	
Ethoprop	0.0952	0.0200	mg/kg	0.133	ND	71.8	50-150	3.55	40	
Fensulfothion	0.0521	0.0200	mg/kg	0.133	ND	39.3	5-150	3.71	40	
Fenthion	0.0986	0.0200	mg/kg	0.133	ND	74.4	5-150	<1.00	40	
Malathion	0.0857	0.0200	mg/kg	0.133	ND	64.7	5-150	1.51	40	
Merphos	0.0813	0.0200	mg/kg	0.133	ND	61.4	5-150	5.32	40	
Methyl parathion (Parathion methyl)	0.0738	0.0200	mg/kg	0.133	ND	55.7	5-150	1.07	40	
Mevinphos	0.0787	0.0200	mg/kg	0.133	ND	59.4	5-150	2.10	40	
Naled	0.0273	0.0200	mg/kg	0.133	ND	20.6	5-150	6.89	40	
Phorate (Phosphorodithioic acid)	0.107	0.0200	mg/kg	0.133	ND	80.5	50-150	<1.00	40	
Ronnel	0.113	0.0200	mg/kg	0.133	ND	85.2	50-150	2.74	40	
Tetrachlorvinphos (Stirophos)	0.0928	0.0200	mg/kg	0.133	ND	70.0	5-150	7.09	40	
Tokuthion (Prothiofos)	0.111	0.0200	mg/kg	0.133	ND	83.9	5-150	2.42	40	
Trichloronate	0.104	0.0200	mg/kg	0.133	ND	78.2	5-150	<1.00	40	
<hr/>										
Surrogate: Tributylphosphate	0.155		mg/kg	0.166		93.4	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0453 - 3550B				Prepared: 01/30/2024 08:04						
Method Blank (B4A0453-BLK1)				Analyzed: 02/02/2024 23:05						
Acifluorfen	ND	0.00250	mg/kg							
Bentazon	ND	0.00250	mg/kg							
Chloramben	ND	0.00250	mg/kg							
2,4-D	ND	0.00250	mg/kg							
2,4-DB	ND	0.00250	mg/kg							
DCPA diacid	ND	0.00250	mg/kg							
Dalapon	ND	0.00250	mg/kg							
Dicamba	ND	0.00250	mg/kg							
3,5-Dichlorobenzoic acid	ND	0.00250	mg/kg							
Dichloroprop	ND	0.00250	mg/kg							
Dinoseb	ND	0.00250	mg/kg							
MCPA	ND	0.250	mg/kg							
MCPP	ND	0.250	mg/kg							
4-Nitrophenol	ND	0.00250	mg/kg							
Pentachlorophenol (PCP)	ND	0.00250	mg/kg							
Picloram	ND	0.00250	mg/kg							
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND	0.00250	mg/kg							
2,4,5-TP	ND	0.00250	mg/kg							
<i>Surrogate: DCAA</i>	<i>0.0125</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>50.0</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0453 - 3550B (Continued)				Prepared: 01/30/2024 08:04						
LCS (B4A0453-BS1)				Analyzed: 02/02/2024 20:40						
Acifluorfen	0.00276	0.00250	mg/kg	0.0125		22.0	40-140			BS
Bentazon	0.00717	0.00250	mg/kg	0.0125		57.4	40-140			
Chloramben	0.00249	0.00250	mg/kg	0.0125		19.9	20-150			BS
2,4-D	0.00641	0.00250	mg/kg	0.0125		51.3	40-140			
2,4-DB	0.00276	0.00250	mg/kg	0.0125		22.1	40-140			BS
DCPA diacid	0.00482	0.00250	mg/kg	0.0125		38.6	40-140			BS
Dalapon	0.00650	0.00250	mg/kg	0.0125		52.0	40-140			
Dicamba	0.00618	0.00250	mg/kg	0.0125		49.5	40-140			
3,5-Dichlorobenzoic acid	0.00574	0.00250	mg/kg	0.0125		45.9	40-140			
Dichloroprop	0.00800	0.00250	mg/kg	0.0125		64.0	40-140			
Dinoseb	0.00298	0.00250	mg/kg	0.0125		23.8	20-150			
MCPA	1.24	0.250	mg/kg	1.25		98.8	40-140			
MCPP	0.859	0.250	mg/kg	1.25		68.7	40-140			
4-Nitrophenol	0.0137	0.00250	mg/kg	0.0125		110	40-140			
Pentachlorophenol (PCP)	0.00700	0.00250	mg/kg	0.0125		56.0	40-140			
Picloram	0.00129	0.00250	mg/kg	0.0125		10.3	20-150			BS
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00793	0.00250	mg/kg	0.0125		63.5	40-140			
2,4,5-TP	0.00773	0.00250	mg/kg	0.0125		61.8	40-140			
<i>Surrogate: DCAA</i>	<i>0.0138</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>55.3</i>	<i>25-140</i>			

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
LCS (B4A0453-BSD1)				Analyzed: 02/02/2024 21:09						
Acifluorfen	0.00502	0.00250	mg/kg	0.0125		40.1	40-140	58.2	40	R
Bentazon	0.00787	0.00250	mg/kg	0.0125		62.9	40-140	9.27	40	
Chloramben	0.00255	0.00250	mg/kg	0.0125		20.4	20-150	2.40	40	
2,4-D	0.00603	0.00250	mg/kg	0.0125		48.2	40-140	6.17	40	
2,4-DB	0.00187	0.00250	mg/kg	0.0125		14.9	40-140	38.6	40	BS
DCPA diacid	0.00418	0.00250	mg/kg	0.0125		33.4	40-140	14.4	40	BS
Dalapon	0.00794	0.00250	mg/kg	0.0125		63.5	40-140	20.0	40	
Dicamba	0.00566	0.00250	mg/kg	0.0125		45.2	40-140	8.94	40	
3,5-Dichlorobenzoic acid	0.00557	0.00250	mg/kg	0.0125		44.5	40-140	3.13	40	
Dichloroprop	0.00682	0.00250	mg/kg	0.0125		54.6	40-140	15.9	40	
Dinoseb	0.00291	0.00250	mg/kg	0.0125		23.3	20-150	2.53	40	
MCPA	1.29	0.250	mg/kg	1.25		103	40-140	4.07	40	
MCPP	0.811	0.250	mg/kg	1.25		64.9	40-140	5.71	40	
4-Nitrophenol	0.0141	0.00250	mg/kg	0.0125		113	40-140	2.49	40	
Pentachlorophenol (PCP)	0.00700	0.00250	mg/kg	0.0125		56.0	40-140	<1.00	40	
Picloram	0.000472	0.00250	mg/kg	0.0125		3.78	20-150	93.0	40	BS, R
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00803	0.00250	mg/kg	0.0125		64.2	40-140	1.19	40	
2,4,5-TP	0.00729	0.00250	mg/kg	0.0125		58.3	40-140	5.80	40	
<i>Surrogate: DCAA</i>	<i>0.0121</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>48.4</i>	<i>25-140</i>			

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4A0453 - 3550B (Continued)				Prepared: 01/30/2024 08:04						
Matrix Spike (B4A0453-MS1)				Source: BFA0181-29						
				Analyzed: 02/02/2024 22:07						
Acifluorfen	0.00527	0.00250	mg/kg	0.0124	ND	42.6	30-140			
Bentazon	0.0134	0.00250	mg/kg	0.0124	ND	108	30-140			
Chloramben	0.00438	0.00250	mg/kg	0.0124	ND	35.4	30-140			
2,4-D	0.00454	0.00250	mg/kg	0.0124	ND	36.7	30-140			
2,4-DB	0.00545	0.00250	mg/kg	0.0124	ND	44.0	30-140			
DCPA diacid	0.000249	0.00250	mg/kg	0.0124	ND	2.01	30-140			M
Dalapon	0.00373	0.00250	mg/kg	0.0124	ND	30.1	30-140			
Dicamba	0.00451	0.00250	mg/kg	0.0124	ND	36.4	30-140			
3,5-Dichlorobenzoic acid	0.00594	0.00250	mg/kg	0.0124	ND	48.0	30-140			
Dichloroprop	0.00374	0.00250	mg/kg	0.0124	ND	30.2	30-140			
Dinoseb	0.00802	0.00250	mg/kg	0.0124	ND	64.8	30-140			
MCPA	0.674	0.250	mg/kg	1.24	ND	54.4	30-140			
MCPP	0.519	0.250	mg/kg	1.24	ND	41.9	30-140			
4-Nitrophenol	0.00856	0.00250	mg/kg	0.0124	ND	69.1	30-140			
Pentachlorophenol (PCP)	0.00998	0.00250	mg/kg	0.0124	ND	80.6	30-140			
Picloram	0.00171	0.00250	mg/kg	0.0124	ND	13.8	30-140			M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00734	0.00250	mg/kg	0.0124	ND	59.3	30-140			
2,4,5-TP	0.00837	0.00250	mg/kg	0.0124	ND	67.6	30-140			
<i>Surrogate: DCAA</i>	<i>0.0145</i>		<i>mg/kg</i>	<i>0.0248</i>		<i>58.7</i>	<i>25-140</i>			

Matrix Spike Dup (B4A0453-MSD1)				Source: BFA0181-29						
				Analyzed: 02/02/2024 22:36						
Acifluorfen	0.00508	0.00250	mg/kg	0.0123	ND	41.2	30-140	3.66	40	
Bentazon	0.0125	0.00250	mg/kg	0.0123	ND	102	30-140	6.34	40	
Chloramben	0.00412	0.00250	mg/kg	0.0123	ND	33.4	30-140	6.12	40	
2,4-D	0.00427	0.00250	mg/kg	0.0123	ND	34.6	30-140	6.26	40	
2,4-DB	0.00564	0.00250	mg/kg	0.0123	ND	45.7	30-140	3.37	40	
DCPA diacid	0.000232	0.00250	mg/kg	0.0123	ND	1.88	30-140	6.78	40	M
Dalapon	0.00364	0.00250	mg/kg	0.0123	ND	29.5	30-140	2.42	40	M
Dicamba	0.00435	0.00250	mg/kg	0.0123	ND	35.2	30-140	3.64	40	
3,5-Dichlorobenzoic acid	0.00567	0.00250	mg/kg	0.0123	ND	45.9	30-140	4.68	40	
Dichloroprop	0.00364	0.00250	mg/kg	0.0123	ND	29.5	30-140	2.49	40	M
Dinoseb	0.00753	0.00250	mg/kg	0.0123	ND	61.0	30-140	6.30	40	
MCPA	0.833	0.250	mg/kg	1.23	ND	67.5	30-140	21.1	40	
MCPP	0.786	0.250	mg/kg	1.23	ND	63.7	30-140	40.9	40	R
4-Nitrophenol	0.00862	0.00250	mg/kg	0.0123	ND	69.8	30-140	<1.00	40	
Pentachlorophenol (PCP)	0.00940	0.00250	mg/kg	0.0123	ND	76.2	30-140	6.00	40	
Picloram	0.00162	0.00250	mg/kg	0.0123	ND	13.1	30-140	5.58	40	M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00687	0.00250	mg/kg	0.0123	ND	55.7	30-140	6.57	40	
2,4,5-TP	0.00793	0.00250	mg/kg	0.0123	ND	64.3	30-140	5.36	40	
<i>Surrogate: DCAA</i>	<i>0.0139</i>		<i>mg/kg</i>	<i>0.0247</i>		<i>56.3</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFA0209 Project Number: EO-500850 Attention: Patty Mata Project Name: EO-500850	Reported: 02/06/2024 10:03
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFA0209
Project Number: EO-500850
Attention: Patty Mata
Project Name: EO-500850

Reported: 02/06/2024 10:03

Qualifiers and Definitions

ITEM	Qualifiers
BS	The recovery of this analyte in LCS and/or LCSD was outside control limit. Sample was accepted based on the remaining LCSand/or LCSD.
M	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference. Laboratory Control Samples(LCS/LCSD) recovery were acceptable.
R	The RPD was outside of QC acceptance limits due to possible matrix interference.
S6	Surrogate recovery is outside control limits due to matrix interference.
ITEM	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram



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Enthalpy Analytical	AETL Job Number:	BFA0209	
931 W. Barkley Ave.	Project Number:	EO-500850	
Orange, CA 92868	Attention:	Patty Mata	
	Project Name:	EO-500850	Reported: 02/06/2024 10:03

mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

Laboratory Job Number 500850

Subcontracted Products

MicroTest Laboratories, Inc.



MicroTest Laboratories Inc. NVLAP Code: 200999-0
 3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670
 PH 916.567.9808 | FX 916.404.0302
 www.microtestlabsinc.com | service@microtestlabsinc.com

Project ID
MT012441052

CLIENT INFORMATION
Company Enthalpy Analytical, LLC
Name Patty Mata
Address 931 W. Barkley Avenue
 Orange, CA 92868
Phone (714) 771 - 6900
Email patty.mata@enthalpy.com

SAMPLE
Date Thursday, January 25, 2024
Time

MicroTest
Laboratories

Analytical Data

JOB SITE INFORMATION
Sampler Patty Mata
Project EO-500850
Address
PO # PO-0259259

POLARIZED LIGHT MICROSCOPY (PLM)
EPA METHOD 600 / R-93 / 116 & EPA – 40 CFR Appendix E to Subpart E of Part 763

Sample ID	Accession Number	Client Description	Laboratory Description	Non Fibrous / Fibrous Materials	Asbestiform Minerals %
SPH01-00.5	41052-1	25-JAN-2024 14:04	Brown Soil Non-Fibrous Heterogenous		Absent
SPH01-05.0	41052-2	25-JAN-2024 14:06	Brown Soil Non-Fibrous Heterogenous		Absent
SPH01-05.0D	41052-3	25-JAN-2024 14:07	Brown Soil Non-Fibrous Heterogenous		Absent
SPH01-10.0	41052-4	25-JAN-2024 14:12	Brown Soil Non-Fibrous Heterogenous		Absent
SPH01-15.0	41052-5	25-JAN-2024 14:16	Brown Soil Non-Fibrous Heterogenous		Absent
SPH01-20.0	41052-6	25-JAN-2024 14:20	Brown Soil Non-Fibrous Heterogenous		Absent

Date Received: Tuesday, January 30, 2024
Date Analyzed: Monday, February 05, 2024
Date Reported: Tuesday, February 06, 2024

Analyst: Nolan Starbuck

Authorized Signatory:

Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply only to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced except in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Layers are analyzed separately except when manufactured with multiple layers (i.e. Linoleum, Drywall, etc.) or requested contrarily by the client.



MicroTest Laboratories Inc. NVLAP Code: 200999-0
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Project ID
MT012441052

SPH01-25.0	41052-7	25-JAN-2024 14:30	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-00.5	41052-8	25-JAN-2024 09:28	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-05.0	41052-9	25-JAN-2024 09:30	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-10.0	41052-10	25-JAN-2024 09:35	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-15.0	41052-11	25-JAN-2024 09:40	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-20.0	41052-12	25-JAN-2024 09:50	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-25.0	41052-13	25-JAN-2024 09:55	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-30.0D	41052-14	25-JAN-2024 10:16	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-30.0	41052-15	25-JAN-2024 10:15	Brown Soil Non-Fibrous Heterogenous	Absent
SPH02-35.0	41052-16	25-JAN-2024 10:28	Brown Soil Non-Fibrous Heterogenous	Absent

Date Received: Tuesday, January 30, 2024
Date Analyzed: Monday, February 05, 2024
Date Reported: Tuesday, February 06, 2024

Analyst: Nolan Starbuck

Authorized Signatory:

Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply only to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced except in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Layers are analyzed separately except when manufactured with multiple layers (i.e. Linoleum, Drywall, etc.) or requested contrarily by the client.



MicroTest Laboratories Inc. NVLAP Code: 200999-0
 3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670
 PH 916.567.9808 | FX 916.404.0302
 www.microtestlabsinc.com | service@microtestlabsinc.com

Project ID
MT012441052

SPH03-05.0	41052-17	25-JAN-2024 11:02	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-10.0	41052-18	25-JAN-2024 11:08	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-15.0	41052-19	25-JAN-2024 11:12	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-20.0	41052-20	25-JAN-2024 11:15	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-25.0	41052-21	25-JAN-2024 11:25	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-30.0	41052-22	25-JAN-2024 11:35	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-30.0D	41052-23	25-JAN-2024 11:36	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-35.0	41052-24	25-JAN-2024 11:45	Brown Soil Non-Fibrous Heterogenous	Absent
SPH04-00.5	41052-25	25-JAN-2024 13:18	Brown Soil Non-Fibrous Heterogenous	Absent
SPH04-05.0	41052-26	25-JAN-2024 13:20	Brown Soil Non-Fibrous Heterogenous	Absent

Date Received: Tuesday, January 30, 2024
Date Analyzed: Monday, February 05, 2024
Date Reported: Tuesday, February 06, 2024

Analyst: Nolan Starbuck

Authorized Signatory:

Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply only to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced except in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Layers are analyzed separately except when manufactured with multiple layers (i.e. Linoleum, Drywall, etc.) or requested contrarily by the client.



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 3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670
 PH 916.567.9808 | FX 916.404.0302
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Project ID
MT012441052

SPH04-10.0	41052-27	25-JAN-2024 13:22	Brown Soil Non-Fibrous Heterogenous	Absent
SPH04-15.0	41052-28	25-JAN-2024 13:26	Brown Soil Non-Fibrous Heterogenous	Absent
SPH04-20.0	41052-29	25-JAN-2024 13:30	Brown Soil Non-Fibrous Heterogenous	Absent
SPH04-25.0	41052-30	25-JAN-2024 13:40	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-40.0	41052-31	25-JAN-2024 11:15	Brown Soil Non-Fibrous Heterogenous	Absent
SPH03-45.0	41052-32	25-JAN-2024 12:07	Brown Soil Non-Fibrous Heterogenous	Absent

Date Received: Tuesday, January 30, 2024
Date Analyzed: Monday, February 05, 2024
Date Reported: Tuesday, February 06, 2024

Analyst: Nolan Starbuck

Authorized Signatory:

Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply only to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced except in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Layers are analyzed separately except when manufactured with multiple layers (i.e. Linoleum, Drywall, etc.) or requested contrarily by the client.



Enthalpy Analytical - Orange
 Orange, CA 92868
 (714) 771-6900 / Fax: (510) 486-0532

Subcontract Laboratory:

MicroTest Laboratories, Inc.
 3110 Gold Canal Drive
 Suite A
 Rancho Cordova, CA 95670
 ATTN: Kelly Favero
 PO #: Required, to be sent via email

Enthalpy Order: EO-500850

PM: Patty Mata
 Email: patty.mata@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-6900

Results Due: Standard
 TAT


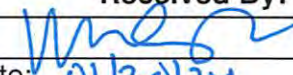
Report Level: II
 Report To: RL
 EDDs:

Project ID: 41052
Client: Enthalpy
Receipt Date: 01/30/24
Sample Count: 32

Notes:

Need PLM Asbestos presence/absence tests performed.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SPH01-00.5	25-JAN-2024 14:04	500850-001	1	Soil	Asbestos by PLM	
SPH01-05.0	25-JAN-2024 14:06	500850-002	1	Soil	Asbestos by PLM	
SPH01-05.0D	25-JAN-2024 14:07	500850-003	1	Soil	Asbestos by PLM	
SPH01-10.0	25-JAN-2024 14:12	500850-004	1	Soil	Asbestos by PLM	
SPH01-15.0	25-JAN-2024 14:16	500850-005	1	Soil	Asbestos by PLM	
SPH01-20.0	25-JAN-2024 14:20	500850-006	1	Soil	Asbestos by PLM	
SPH01-25.0	25-JAN-2024 14:30	500850-007	1	Soil	Asbestos by PLM	
SPH02-00.5	25-JAN-2024 09:28	500850-008	1	Soil	Asbestos by PLM	
SPH02-05.0	25-JAN-2024 09:30	500850-009	1	Soil	Asbestos by PLM	
SPH02-10.0	25-JAN-2024 09:35	500850-010	1	Soil	Asbestos by PLM	
SPH02-15.0	25-JAN-2024 09:40	500850-011	1	Soil	Asbestos by PLM	
SPH02-20.0	25-JAN-2024 09:50	500850-012	1	Soil	Asbestos by PLM	
SPH02-25.0	25-JAN-2024 09:55	500850-013	1	Soil	Asbestos by PLM	
SPH02-30.0D	25-JAN-2024 10:16	500850-014	1	Soil	Asbestos by PLM	
SPH02-30.0	25-JAN-2024 10:15	500850-015	1	Soil	Asbestos by PLM	
SPH02-35.0	25-JAN-2024 10:28	500850-016	1	Soil	Asbestos by PLM	
SPH03-05.0	25-JAN-2024 11:02	500850-017	1	Soil	Asbestos by PLM	
SPH03-10.0	25-JAN-2024 11:08	500850-018	1	Soil	Asbestos by PLM	
SPH03-15.0	25-JAN-2024 11:12	500850-019	1	Soil	Asbestos by PLM	
SPH03-20.0	25-JAN-2024 11:15	500850-020	1	Soil	Asbestos by PLM	
SPH03-25.0	25-JAN-2024 11:25	500850-021	1	Soil	Asbestos by PLM	
SPH03-30.0	25-JAN-2024 11:35	500850-022	1	Soil	Asbestos by PLM	
SPH03-30.0D	25-JAN-2024 11:36	500850-023	1	Soil	Asbestos by PLM	
SPH03-35.0	25-JAN-2024 11:45	500850-024	1	Soil	Asbestos by PLM	
SPH04-00.5	25-JAN-2024 13:18	500850-025	1	Soil	Asbestos by PLM	
SPH04-05.0	25-JAN-2024 13:20	500850-026	1	Soil	Asbestos by PLM	
SPH04-10.0	25-JAN-2024 13:22	500850-027	1	Soil	Asbestos by PLM	
SPH04-15.0	25-JAN-2024 13:26	500850-028	1	Soil	Asbestos by PLM	
SPH04-20.0	25-JAN-2024 13:30	500850-029	1	Soil	Asbestos by PLM	
SPH04-25.0	25-JAN-2024 13:40	500850-030	1	Soil	Asbestos by PLM	
SPH03-40.0	25-JAN-2024 11:15	500850-031	1	Soil	Asbestos by PLM	
SPH03-45.0	25-JAN-2024 12:07	500850-032	1	Soil	Asbestos by PLM	

Notes:	Relinquished By:	Received By:
		
	Date: 1/20/24 1400	Date: 01/30/24 0915
	Date:	Date:
	Date:	Date:
	Date:	Date:

FedEx 8181 8142 3290

Project ID: 41052
Client: Enthalpy
Receipt Date: 01/30/24
Sample Count: 32



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 501973
Report Level: II
Report Date: 02/22/2024

Analytical Report *prepared for:*

Michael Priestaf
Leighton & Associates, Inc., Irvine
2600 Michelson Dr
Suite 400
Irvine, CA 92612

Project: ORANGE CA - 6145 E. Santiago Canyon Rd, Orange, CA

Authorized for release by:

Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Michael Priestaf	Lab Job #:	501973
Leighton & Associates, Inc., Irvine	Project No:	ORANGE CA
2600 Michelson Dr	Location:	6145 E. Santiago Canyon Rd, Orange, CA
Suite 400	Date Received:	01/25/24
Irvine, CA 92612		

Sample ID	Lab ID	Collected	Matrix
SPH02-25.0	501973-001	01/25/24 09:55	Soil
SPH04-15.0	501973-002	01/25/24 13:26	Soil

Case Narrative

Leighton & Associates, Inc., Irvine
2600 Michelson Dr
Suite 400
Irvine, CA 92612
Michael Priestaf

Lab Job 501973
Number:
Project No: ORANGE CA
Location: 6145 E. Santiago Canyon Rd, Orange,
CA

Date Received: 01/25/24

This data package contains sample and QC results for two soil samples, requested for the above referenced project on 02/08/24. The samples were received cold and intact. Only the additional STLC and TCLP test results are included in this report.

Metals (EPA 6010B) TCLP Leachate:

No analytical problems were encountered.

Metals (EPA 6010B) WET Leachate:

No analytical problems were encountered.

Detection Summary

Michael Priestaf
 Leighton & Associates, Inc., Irvine
 2600 Michelson Dr
 Suite 400
 Irvine, CA 92612

Lab Job #: 501973
 Project No: ORANGE CA
 Location: 6145 E. Santiago Canyon Rd, Orange, CA
 Date Received: 01/25/24

Sample ID: SPH02-25.0 Lab ID: 501973-001 Collected: 01/25/24 09:55

501973-001 Analyte	Result	Qual	Units	RL	Matrix
Method: EPA 6010B Prep Method: EPA 3015A					
Lead	1.1		mg/L	0.015	TCLP Leachate
Method: EPA 6010B Prep Method: METHOD					
Lead	0.64		mg/L	0.15	WET Leachate

Sample ID: SPH04-15.0 Lab ID: 501973-002 Collected: 01/25/24 13:26
Matrix: TCLP Leachate

501973-002 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3015A				
Lead	0.13		mg/L	0.015

[External] - RE: Additional Analyses for CLA.000IR23328 Milan

Michael Priestaf <mpriestaf@leightongroup.com>

Thu 2/8/2024 1:46 PM

To:Patty Mata <patty.mata@enthalpy.com>

Cc:Robin Ferber <rferber@leightongroup.com>

Hello Patty,

Please also add the following analyses for SDG 500850:

- TCLP and WET for SPH02-25.0; analyze resulting TCLP and STLC leachates for lead.
- TCLP and WET for SPH04-15.0; analyze resulting TCLP and STLC leachates for lead.

Best,

Mike

From: Theresa Duncan <tduncan@leightongroup.com>

Sent: Thursday, February 8, 2024 12:49 PM

To: Patty Mata - Enthalpy Analytical (patty.mata@enthalpy.com) <patty.mata@enthalpy.com>

Cc: Michael Priestaf <mpriestaf@leightongroup.com>; Robin Ferber <rferber@leightongroup.com>

Subject: Additional Analyses for CLA.000IR23328 Milan

Hi Patty,

I need the following for CLA.000IR23328 Milan on a normal TAT:

- Work Order 500608 -> SPG03-60.0 for Chromium WET
- Work Order 500848 -> SPG01-10.0 for Chromium WET and SPG01-35.0 for Lead WET
- Work Order 501022 -> SPG05A-50.0 for Lead WET

Let me know if you have any questions. Thanks,

Theresa Duncan

Staff Geologist

O. 949.681.4277 | C. 949.396.8174

2600 Michelson Drive, Suite 400, Irvine, CA 92614



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Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 500850

Page: 1 of 8

Matrix: A = Air S = Soil/Solid

Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:

2 Day: 1 Day: Custom TAT:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request										Test Instructions / Comments
Company:	Leighton and Associates	Quote #:	LEI060723 <th>Container No. / Size</th> <th>Pres.</th> <th>TPH-Diesel/Oil/Gasoline (USEPA 8015)</th> <th>SVOCs (USEPA 8270)</th> <th>PAHs (USEPA 8270 SIM)</th> <th>VOCs (USEPA 8260B)</th> <th>Title 22 Metals (USEPA 6010B/7471A)</th> <th>OCs + PCBs (USEPA 8081A/8082)</th> <th>OPs (USEPA 8141)</th> <th>Chlorinated Herbicides (USEPA 8151A)</th> <th>Asbestos (PLM)</th> <th>pH (USEPA 9045)</th>	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	
Report To:	Michael Priestaf	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Matrix	Sampling Time	Sampling Date	Sample ID	Global ID:								
Email:	mpriestaf@leightongroup.com	Proj. #:	CLA.000IR23328, Phase 000404	Container No. / Size	Pres.	Sampling Date	Sample ID	Global ID:								
Address:	2600 Michelson Drive, Suite 400 Irvine, CA 92612	P.O. #:		Container No. / Size	Pres.	Sampling Date	Sample ID	Global ID:								
Phone:	(949) 568-4144	Sampled By:	Yvonne Nguyen <i>Theresa Davis</i>	Container No. / Size	Pres.	Sampling Date	Sample ID	Global ID:								
1	SPH01-00.5		1125 125	S	1/ Sleeve	None			X	X	X	X	X	X	X	
2	SPH01-05.0		1406	S	1/ Sleeve	None			X	X	X	X	X	X	X	
3	SPH01-05.0D		1407	S	1/ Sleeve	None			X	X	X	X	X	X	X	
4	SPH01-10.0		1412	S	1/ Sleeve	None			X	X	X	X	X	X	X	
5	SPH01-15.0		1416	S	1/ Sleeve	None			X	X	X	X	X	X	X	
6	SPH01-20.0		1420	S	1/ Sleeve	None			X	X	X	X	X	X	X	
7	SPH01-25.0		1430	S	1/ Sleeve	None			X	X	X	X	X	X	X	
8	SPH01-30.0			S	1/ Sleeve	None			X	X	X	X	X	X	X	
9	SPH01-35.0			S	1/ Sleeve	None			X	X	X	X	X	X	X	
10	SPH01-40.0			S	1/ Sleeve	None			X	X	X	X	X	X	X	

1.7/2.3

Signature	Print Name	Company / Title	Date / Time
<i>Theresa Davis</i>	Theresa Davis	L & A Staff Inc	11/25/24 1600
<i>Yvonne Nguyen</i>	Yvonne Nguyen	EA	11/25/24 1600
<i>Michael Priestaf</i>	Michael Priestaf	EA	11/25/24 1630
<i>Amber Shedd</i>	Amber Shedd	EA	11/25/24 1630



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 500850

Page: 2 of 2

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:

2 Day: 1 Day: Custom TAT:

Preservatives: 1 =
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS REQUEST										Test Instructions / Comments							
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)							
Report To:	Michael Priestaf	Proj. #:	CLA.000IR23328, Phase 000404	Address:	6145 Santiago Canyon Road, Orange, CA	S	1 / Sleeve	None																	
Email:	mpriestaf@leightongroup.com	P.O. #:		Global ID:		S	1 / Sleeve	None																	
Address:	2600 Michelson Drive, Suite 400	Sampled By:	Yvonne Nguyen	Sampling Date																					
Phone:	(949) 568-4144	Sampling Time																							
Sample ID																									
1	SPH01-45.0																								
2	SPH01-45.0D																								
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

1.7/2.3

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	Lab	1/25/24 1600
<i>[Signature]</i>	Ricardo Sanchez	EA	1/25/24 600
<i>[Signature]</i>	Ricardo Sanchez	EA	1/25/24 1630
<i>[Signature]</i>	Amelia Spall	EA	1/25/24 1630
Relinquished By:			
Received By:			
Relinquished By:			
Received By:			
Relinquished By:			
Received By:			



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 50080
 Page: 8 of 8

Turn Around Time (rush by advanced notice only)
 Standard: X 5 Day: 3 Day:
 1 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other
 W =
 Preservatives:
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
 1 = Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION			ANALYSIS REQUEST										Test Instructions / Comments	
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	PH (USEPA 9045)	1.72.3	
Report To:	Michael Priestaf	Proj. #:	CLA.0001R23328, Phase 000404	P.O. #:													
Email:	mpriestaf@leightongroup.com	Address:	2600 Michelson Drive, Suite 400	Global ID:													
Phone:	(949) 568-4144	Sampled By:	Xyonnae-Nguyen	Sampling Date:	1/25/24	Sampling Time:	09:28	Matrix:	S	Container No. / Size:	1 / Sleeve	Pres.:	None				

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	L.A. S&H Co.	1/25/24 1600
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1600
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630
<i>[Signature]</i>	Yvonne Nguyen		
<i>[Signature]</i>	Yvonne Nguyen		



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

Lab No: 50080
Page: 4 of 8

Turn Around Time (rush by advanced notice only)

Standard: X
5 Day:
1 Day:
2 Day:
3 Day:
Custom TAT:

Matrix: A = Air S = Soil/Solid
Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other
Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION			Analysis Request										Test Instructions / Comments
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCS (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	1. 7/2.5
Report To:	Michael Priestaf	Proj. #:	CLA.0001R23328, Phase 000404	Address:	6145 Santiago Canyon Road, Orange, CA											
Email:	mpriestaf@leightongroup.com	P.O. #:		Global ID:												
	erferber@leightongroup.com			Sampled By:	Xvonne Nguyen											
Address:	2600 Michelson Drive, Suite 400															
	Irvine, CA 92612															
Phone:	(949) 568-4144															
Sample ID		Sampling Date		Sampling Time		Matrix		Container No. / Size		Pres.						
1	SPH02-40.0					S		1 / Sleeve		None						
2	SPH02-45.0					S		1 / Sleeve		None						
3																
4																
5																
6																
7																
8																
9																
10																

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Xvonne Nguyen	EA	11/25/24 1600
<i>[Signature]</i>	Xvonne Nguyen	EA	11/25/24 1600
<i>[Signature]</i>	Xvonne Nguyen	EA	11/25/24 1630
<i>[Signature]</i>	Xvonne Nguyen	EA	11/25/24 1630
<i>[Signature]</i>	Xvonne Nguyen	EA	11/25/24 1630



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

Lab No: 50080
Page: 5 of 8

Matrix: A = Air S = Soil/Solid
Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X
5 Day:
1 Day:
3 Day:
Custom TAT:
Sample Receipt Temp: 1 =

Preservatives: Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION			ANALYSIS REQUEST										Test Instructions / Comments
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	1.7/12.3
Report To:	Michael Priestaf	Proj. #:	CLA.0001R23328, Phase 000404	Address:	6145 Santiago Canyon Road, Orange, CA	X	X	X	X	X	X	X	X	X	X	
Email:	mpriestaf@leightongroup.com	P.O. #:		Global ID:		X	X	X	X	X	X	X	X	X	X	
	rferber@leightongroup.com			Sampled By:	Yvonne-Nguyen	X	X	X	X	X	X	X	X	X	X	
Address:	2600 Michelson Drive, Suite 400					X	X	X	X	X	X	X	X	X	X	
	Irvine, CA 92612					X	X	X	X	X	X	X	X	X	X	
Phone:	(949) 568-4144					X	X	X	X	X	X	X	X	X	X	
						X	X	X	X	X	X	X	X	X	X	
						X	X	X	X	X	X	X	X	X	X	
						X	X	X	X	X	X	X	X	X	X	

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	L & O, Staff Coord	1/25/24 1600
<i>[Signature]</i>	Richard Surme	EA	1/25/24 1600
<i>[Signature]</i>	Richard Surme	EA	1/25/24 1630
<i>[Signature]</i>	Andron Gudub	EA	1/25/24 1630



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 500890

Page: 6 of 6

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
 2 Day: 1 Day: Custom TAT:

Preservatives: 1 =
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

PROJECT INFORMATION

Company:	Leighton and Associates	Quote #:	LEI060723
Report To:	Michael Priestaf	Proj. Name:	6145 Santiago Canyon Road, Orange, CA
Email:	mpriestaf@leightongroup.com	Proj. #:	CLA.000IR23328, Phase 000404
	rferber@leightongroup.com kfox@verdantas.com	P.O. #:	
Address:	2600 Michelson Drive, Suite 400	Address:	6145 Santiago Canyon Road, Orange, CA
	Irvine, CA 92612	Global ID:	
Phone:	(949) 568-4144	Sampled By:	Yvonne Nguyen - <i>Yvonne Nguyen</i>

CUSTOMER INFORMATION

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 SPH03-40.0	1/25/24	1158	S	1 / Sleeve	None
2 SPH03-45.0	1/25/24	1207	S	1 / Sleeve	None
3					
4					
5					
6					
7					
8					
9					
10					

Analysis Request

TPH-Diesel/Oil/Gasoline (USEPA 8015)	X
SVOCs (USEPA 8270)	X
PAHs (USEPA 8270 SIM)	X
VOCs (USEPA 8260B)	X
Title 22 Metals (USEPA 6010B/7471A)	X
OCPs + PCBs (USEPA 8081A/8082)	X
OPPs (USEPA 8141)	X
Chlorinated Herbicides (USEPA 8151A)	X
Asbestos (PLM)	X
pH (USEPA 9045)	X

Test Instructions / Comments

1.7/2.3

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	LEA, Staff Coord	1/25/24 1000
<i>[Signature]</i>	Yvonne Nguyen	LEA	1/25/24 1800
<i>[Signature]</i>	Yvonne Nguyen	LEA	1/25/24 1670
<i>[Signature]</i>	Yvonne Nguyen	LEA	1/25/24 1630



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 17 500850
 Page: 62 of 68

Turn Around Time (rush by advanced notice only)
 Standard: X 5 Day: 3 Day:
 2 Day: 1 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other
 W =
 Preservatives: Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
 1 = Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION			Analysis Request										Test Instructions / Comments
Company:	Quote #:	Proj. Name:	Matrix	Sampling Time	Container No. / Size	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCS (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	
Leighton and Associates	LEI060723	6145 Santiago Canyon Road, Orange, CA	S	1318	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
Report To: Michael Priestaf	Proj. #:	6145 Santiago Canyon Road, Orange, CA	S	1320	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
Email: mpriestaf@leightongroup.com	P.O. #:	6145 Santiago Canyon Road, Orange, CA	S	1322	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
rferber@leightongroup.com kfox@verdantas.com	Address:	6145 Santiago Canyon Road, Orange, CA	S	1326	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
Address: 2600 Michelson Drive, Suite 400	Global ID:	6145 Santiago Canyon Road, Orange, CA	S	1330	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
Phone: (949) 568-4144	Sampled By: Yvonne Nguyen	6145 Santiago Canyon Road, Orange, CA	S	1340	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
Sample ID	Sampling Date	Sampling Time	Matrix	Sampling Time	Container No. / Size	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCS (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	
1 SPH04-00.5	1/25/24	1318	S	1318	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
2 SPH04-05.0		1320	S	1320	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
3 SPH04-10.0		1322	S	1322	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
4 SPH04-15.0		1326	S	1326	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
5 SPH04-20.0		1330	S	1330	1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
6 SPH04-20.0B			S		1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
7 SPH04-25.0			S		1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
8 SPH04-30.0			S		1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
9 SPH04-35.0			S		1 / Sleeve	X	X	X	X	X	X	X	X	X	X	
10 SPH04-40.0			S		1 / Sleeve	X	X	X	X	X	X	X	X	X	X	

1.7/2.3

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	Lab Staff	1/25/24 1600
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1600
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 500880
 Page: 8 of 8

Turn Around Time (rush by advanced notice only)
 Standard: X
 5 Day:
 3 Day:
 1 Day:
 Custom TAT:
 Sample Receipt Temp: 1 =

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments	
Company:	Leighton and Associates	Quote #:	LEI060723	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)	
Report To:	Michael Priestaf	Proj. #:	CLA.000IR23328, Phase 000404	Address:	6145 Santiago Canyon Road, Orange, CA	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
Email:	mpriestaf@leightongroup.com	P.O. #:		Global ID:		S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
	rferber@leightongroup.com		kfox@verdantas.com	Sampled By:	Yvonne-Nguyen	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
Address:	2600 Michelson Drive, Suite 400					S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
	Irvine, CA 92612					S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
Phone:	(949) 568-4144					S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
Sample ID		Sampling Date		Sampling Time		S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
1	SPH04-45.0					S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
2	SPH04-45.0D					S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
3						S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
4						S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
5						S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
6						S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
7						S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
8						S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
9						S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X
10						S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X

1.7/2.3

TOP
TOP

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	Lead, Staff Cool	1/25/24 6:00
<i>[Signature]</i>	Priestaf	EA	1/25/24 10:00
<i>[Signature]</i>	Priestaf	EA	1/25/24 10:30
<i>[Signature]</i>	Amelia Sidcock	EA	1/25/24 10:30
<i>[Signature]</i>			
<i>[Signature]</i>			

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Leighton Project: Orange
 Date Received: 1/25/24 Sampler's Name Present: Yes No

Section 2

Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler): _____
 Sample Temp (°C), One from each cooler: #1: 2-3 #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 1 #2: _____ #3: _____ #4: _____

Section 4

	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sample IDs present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sampling dates & times present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is a relinquished signature present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are custody seals present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If custody seals are present, were they intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>AS 1/25/24</u>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the containers labeled with the correct preservatives?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 5 Explanations/Comments

Rec'd samples crossed out on COC. ID's "SP103-40.0" and "SP103-45.0". Added to login on hold. - G.E.S. 1/25/24

Section 6

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time: G.E.S. 1/25/24
 Email (email sent to/on): AM 1/24/24
 Project Manager's response: 1/25/24

Completed By:  Date: 1/25/24



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 500890

Page: 6 of 6

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
 2 Day: 1 Day: Custom TAT:

Preservatives: 1 =
 Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

W =
 SD = Sediment
 SEA = Sea Water
 WP = Wipe O = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments							
Company:	Quote #:	Proj. Name:	Proj. #:	P.O. #:	Address:	Global ID:	Sampled By:	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)		
Leighton and Associates	LEI060723	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	Yvonne Nguyen - <i>Yvonne Nguyen</i>	SPH03-40.0	1/25/24	1158	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	1.7/2.3
Michael Priestaf		6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	Yvonne Nguyen - <i>Yvonne Nguyen</i>	SPH03-45.0	1/25/24	1207	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	STET Michael Priestaf
mpriestaf@leightongroup.com		6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	Yvonne Nguyen - <i>Yvonne Nguyen</i>																		STET Michael Priestaf
rferber@leightongroup.com		6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	Yvonne Nguyen - <i>Yvonne Nguyen</i>																		1/26/2024
2600 Michelson Drive, Suite 400		6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	Yvonne Nguyen - <i>Yvonne Nguyen</i>																		
Irvine, CA 92612		6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	Yvonne Nguyen - <i>Yvonne Nguyen</i>																		
(949) 568-4144		6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	6145 Santiago Canyon Road, Orange, CA	Yvonne Nguyen - <i>Yvonne Nguyen</i>																		
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)										
1	1/25/24	1158	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
2	1/25/24	1207	S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	LEA, Staff Coord	1/25/24 1600
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1600
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1610
<i>[Signature]</i>	Yvonne Nguyen	EA	1/25/24 1630

Analysis Results for 501973

Michael Priestaf
 Leighton & Associates, Inc., Irvine
 2600 Michelson Dr
 Suite 400
 Irvine, CA 92612

Lab Job #: 501973
 Project No: ORANGE CA
 Location: 6145 E. Santiago Canyon Rd, Orange, CA
 Date Received: 01/25/24

Sample ID: SPH02-25.0 Lab ID: 501973-001 Collected: 01/25/24 09:55

501973-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3015A										
Lead	1.1		mg/L	0.015	TCLP Leachate	1	333220	02/16/24	02/16/24	SBW
Method: EPA 6010B Prep Method: METHOD										
Lead	0.64		mg/L	0.15	WET Leachate	10	333486	02/22/24	02/22/24	KLN

Sample ID: SPH04-15.0 Lab ID: 501973-002 Collected: 01/25/24 13:26

501973-002 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3015A										
Lead	0.13		mg/L	0.015	TCLP Leachate	1	333220	02/16/24	02/16/24	SBW
Method: EPA 6010B Prep Method: METHOD										
Lead	ND		mg/L	0.15	WET Leachate	10	333486	02/22/24	02/22/24	KLN

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1128831	Batch: 333220
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1128831 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.015	02/16/24	02/16/24

Type: Blank	Lab ID: QC1128832	Batch: 333220
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1128832 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.015	02/16/24	02/16/24

Type: Lab Control Sample	Lab ID: QC1128833	Batch: 333220
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1128833 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	1.681	2.000	mg/L	84%		80-120

Type: Matrix Spike	Lab ID: QC1128834	Batch: 333220
Matrix (Source ID): TCLP Leachate (501832-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1128834 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	1.753	ND	2.000	mg/L	88%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1128835	Batch: 333220
Matrix (Source ID): TCLP Leachate (501832-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1128835 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	1.752	ND	2.000	mg/L	88%		75-125	0	20	1

Type: Blank	Lab ID: QC1129712	Batch: 333486
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1129712 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.15	02/22/24	02/22/24

Type: Lab Control Sample	Lab ID: QC1129713	Batch: 333486
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1129713 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	4.414	4.000	mg/L	110%		80-120

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1129714	Batch: 333486
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1129714 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Lead	4.348	4.000	mg/L	109%		80-120	2	20

ND Not Detected



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 503179
Report Level : II
Report Date : 03/11/2024

Analytical Report *prepared for:*

Michael Priestaf
Leighton & Associates, Inc., Irvine
2600 Michelson Dr
Suite 400
Irvine, CA 92612

Project: ORANGE CA - 6145 E. Santiago Canyon Rd, Orange, CA

Authorized for release by:

Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Michael Priestaf	Lab Job #:	503179
Leighton & Associates, Inc., Irvine	Project No:	ORANGE CA
2600 Michelson Dr	Location:	6145 E. Santiago Canyon Rd, Orange, CA
Suite 400	Date Received:	02/26/24
Irvine, CA 92612		

Sample ID	Lab ID	Collected	Matrix
SPH01-35.0	503179-001	02/26/24 08:18	Soil
SPH01-45.0	503179-002	02/26/24 08:51	Soil
SPH04-35.0	503179-003	02/26/24 09:45	Soil
SPH04-45.0	503179-004	02/26/24 10:11	Soil

Case Narrative

Leighton & Associates, Inc., Irvine
2600 Michelson Dr
Suite 400
Irvine, CA 92612
Michael Priestaf

Lab Job 503179
Number:
Project No: ORANGE CA
Location: 6145 E. Santiago Canyon Rd, Orange,
CA

Date Received: 02/26/24

This data package contains sample and QC results for four soil samples, requested for the above referenced project on 02/26/24. The samples were received cold and intact. Sample collection times were taken from the container labels for lab numbers 503179-003 and 503179-004.

TPH-Extractables by GC (EPA 8015M):

- SPH01-45.0 (lab # 503179-002) was diluted due to the dark color of the sample extract. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilution.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C and EPA 8270C-SIM):

- Samples were extracted once and then analyzed by both 8270-SVOC method and also by 8270-SIM-PAH method in order to show the lowest reporting limits for PAH compounds. For the 8270-SIM-PAH method, surrogate responses exceeded the instrument's linear range for nitrobenzene-d5, 2-fluorobiphenyl, and terphenyl-d14 in un-diluted samples. The affected data was qualified with "E". The samples were spiked with surrogate compounds at the 8270-SVOC levels during extraction. The surrogate levels were higher than the 8270-SIM-PAH upper limits.
- High surrogate recoveries were observed for 2,4,6-tribromophenol in SPH01-45.0 (lab # 503179-002) and SPH04-35.0 (lab # 503179-003); no target analytes were detected in these samples.
- SPH01-45.0 (lab # 503179-002) and SPH04-35.0 (lab # 503179-003) were diluted due to the dark color of the sample extracts. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilutions.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- High recovery was observed for methoxychlor in the LCS for batch 334389; this analyte was not detected at or above the RL in the associated samples.
- High recoveries were observed for 4,4'-DDD and endrin in the MSD for batch 334389; the parent sample was not a project sample, the LCS was within limits, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 334030; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

pH of Solid Samples (EPA 9045C):

No analytical problems were encountered.

Organophosphorus Pesticides (EPA 8141A):

American Environmental Testing in Burbank, CA performed the analysis (NELAP certified). Please see the American Environmental Testing case narrative.

8151A Chlorinated Herbicides (EPA 8151A):

American Environmental Testing in Burbank, CA performed the analysis (see sublab report section for certifications). Please see the American Environmental Testing case narrative.

Asbestos by PLM (EPA 600/R-93-116):

MicroTest Laboratories, Inc. in Rancho Cordova, CA performed the analysis (see sublab report section for certifications). Please see the MicroTest Laboratories, Inc. case narrative.

Detection Summary

Michael Priestaf
 Leighton & Associates, Inc., Irvine
 2600 Michelson Dr
 Suite 400
 Irvine, CA 92612

Lab Job #: 503179
 Project No: ORANGE CA
 Location: 6145 E. Santiago Canyon Rd, Orange, CA
 Date Received: 02/26/24

Sample ID: SPH01-35.0 Lab ID: 503179-001 Collected: 02/26/24 08:18
Matrix: Soil

503179-001 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	6.7		mg/Kg	0.96
Barium	130		mg/Kg	0.96
Cadmium	3.2		mg/Kg	0.48
Chromium	28		mg/Kg	0.96
Cobalt	7.4		mg/Kg	0.48
Copper	21		mg/Kg	0.96
Lead	19		mg/Kg	0.96
Molybdenum	6.4		mg/Kg	0.96
Nickel	24		mg/Kg	0.96
Vanadium	52		mg/Kg	0.96
Zinc	83		mg/Kg	4.8
Method: EPA 9045C				
pH	7.61		SU	
Temperature	21.00		deg C	1.00

Sample ID: SPH01-45.0 Lab ID: 503179-002 Collected: 02/26/24 08:51
Matrix: Soil

503179-002 Analyte	Result	Qual	Units	RL
Method: EPA 6010B Prep Method: EPA 3050B				
Arsenic	42		mg/Kg	0.99
Barium	25		mg/Kg	0.99
Chromium	7.2		mg/Kg	0.99
Cobalt	2.4		mg/Kg	0.50
Copper	4.1		mg/Kg	0.99
Lead	2.1		mg/Kg	0.99
Nickel	4.4		mg/Kg	0.99
Vanadium	15		mg/Kg	0.99
Zinc	19		mg/Kg	5.0
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	33		mg/Kg	20
ORO C28-C44	76		mg/Kg	40
Method: EPA 9045C				
pH	8.38		SU	
Temperature	21.00		deg C	1.00

Detection Summary

Sample ID: SPH04-35.0	Lab ID: 503179-003	Collected: 02/26/24 09:45
	Matrix: Soil	

503179-003 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	5.6		mg/Kg	0.98
Barium	97		mg/Kg	0.98
Beryllium	0.51		mg/Kg	0.49
Cadmium	0.64		mg/Kg	0.49
Chromium	20		mg/Kg	0.98
Cobalt	7.3		mg/Kg	0.49
Copper	18		mg/Kg	0.98
Lead	9.1		mg/Kg	0.98
Molybdenum	1.2		mg/Kg	0.98
Nickel	16		mg/Kg	0.98
Vanadium	44		mg/Kg	0.98
Zinc	57		mg/Kg	4.9
Method: EPA 8015M				
Prep Method: EPA 3580M				
DRO C10-C28	11		mg/Kg	10
ORO C28-C44	30		mg/Kg	20
Method: EPA 8081A				
Prep Method: EPA 3546				
4,4'-DDE	28		ug/Kg	5.0
Method: EPA 9045C				
pH	7.89		SU	
Temperature	21.00		deg C	1.00

Sample ID: SPH04-45.0	Lab ID: 503179-004	Collected: 02/26/24 10:11
	Matrix: Soil	

503179-004 Analyte	Result	Qual	Units	RL
Method: EPA 6010B				
Prep Method: EPA 3050B				
Arsenic	5.3		mg/Kg	0.95
Barium	98		mg/Kg	0.95
Beryllium	0.52		mg/Kg	0.48
Chromium	43		mg/Kg	0.95
Cobalt	10		mg/Kg	0.48
Copper	25		mg/Kg	0.95
Lead	5.8		mg/Kg	0.95
Molybdenum	1.3		mg/Kg	0.95
Nickel	22		mg/Kg	0.95
Vanadium	57		mg/Kg	0.95
Zinc	63		mg/Kg	4.8
Method: EPA 9045C				
pH	8.05		SU	
Temperature	20.90		deg C	1.00



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record
Lab No: 503179
Page: 1 of 2

Turn Around Time (rush by advanced notice only)
Standard: X
5 Day:
3 Day:
1 Day:
Custom TAT:
Sample Receipt Temp: 14.9/2.1 (lab use only)

Matrix: A = Air S = Soil/Solid
Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS REQUEST										Test Instructions / Comments
Company:	Leighton and Associates			Quote #:	LEI060723			TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCs + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	PH (USEPA 9045)	
Report To:	Michael Priestaf			Proj. Name:	6145 Santiago Canyon Road, Orange, CA			Container No. / Size	Pres.									
Email:	mpriestaf@leightongroup.com			Proj. #:	CLA-0001R23328, Phase 000404			Matrix										
	rferber@leightongroup.com kfox@verdantas.com			P.O. #:				Sampling Time										
Address:	2600 Michelson Drive, Suite 400			Address:	6145 Santiago Canyon Road, Orange, CA			Sample ID										
	Irvine, CA 92612			Global ID:				Sampling Date										
Phone:	(949) 568-4144			Sampled By:	Yvonne Nguyen Arthur Satomayor													
1	SPH01-30.0						S	1 / Sleeve	None									
2	SPH01-35.0						S	1 / Sleeve	None									
3	SPH01-40.0						S	1 / Sleeve	None									
4	SPH01-45.0						S	1 / Sleeve	None									
5	SPH01-45.0D						S	1 / Sleeve	None									
6																		
7																		
8																		
9																		
10																		

Signature	Print Name	Company / Title	Date / Time
<i>Arthur Satomayor</i>	Arthur Satomayor	Leighton / Staff Geologist	2/26/24 / 11:30
<i>Yvonne Nguyen</i>	Yvonne Nguyen	E.A.	2/26/24 / 11:30



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 503179
 Page: 2 of 2

Turn Around Time (rush by advanced notice only)
 Standard: X
 5 Day: 1 Day:
 3 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other
 W =
 Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
 Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request		Test Instructions / Comments	
Company:	Leighton and Associates	Quote #:	LEI060723	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)
Report To:	Michael Priestaf	Proj. Name:	6145 Santiago Canyon Road, Orange, CA	Matrix	Container No. / Size	Pres.	Chlorinated Herbicides (USEPA 8151A)
Email:	mpriestaf@leightongroup.com	Proj. #:	CLA.000IR23328, Phase 000404	Sampling Time	Matrix No. / Size	Pres.	OPPs (USEPA 8141)
	lferber@leightongroup.com kfox@verdantas.com	P.O. #:		Sampled By:	Yvonne Nguyen Arino Shonmy		OCPS + PCBs (USEPA 8081A/8082)
Address:	2600 Michelson Drive, Suite 400	Address:	6145 Santiago Canyon Road, Orange, CA	Sample ID			Title 22 Metals (USEPA 6010B/7471A)
	Irvine, CA 92612	Global ID:					Asbestos (PLM)
Phone:	(949) 568-4144	Sampled By:					pH (USEPA 9045)

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH-Diesel/Oil/Gasoline (USEPA 8015)	SVOCs (USEPA 8270)	PAHs (USEPA 8270 SIM)	VOCs (USEPA 8260B)	Title 22 Metals (USEPA 6010B/7471A)	OCPS + PCBs (USEPA 8081A/8082)	OPPs (USEPA 8141)	Chlorinated Herbicides (USEPA 8151A)	Asbestos (PLM)	pH (USEPA 9045)
1 SPH04-30.0			S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
2 SPH04-30.0D			S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
3 SPH04-35.0			S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
4 SPH04-40.0			S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
5 SPH04-45.0			S	1 / Sleeve	None	X	X	X	X	X	X	X	X	X	X
6															
7															
8															
9															
10															

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Yvonne Nguyen	Leighton / Staff Geologist	2/26/24 11:30
<i>[Signature]</i>	Geena Silverstein	E.A.	2/26/24 11:30
Relinquished By:			
Received By:			
Relinquished By:			
Received By:			
Relinquished By:			
Received By:			



SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Leighton & Associates Project: 6145 E. Santiago Canyon Rd. Orange, CA
 Date Received: 2/26/24 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____
 Sample Temp (°C), One from each cooler: #1: 14.9 #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 2.1 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Are sample IDs present?	<input checked="" type="checkbox"/>		
Are sampling dates & times present?		<input checked="" type="checkbox"/>	
Is a relinquished signature present?	<input checked="" type="checkbox"/>		
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>		
Are custody seals present?		<input checked="" type="checkbox"/>	
If custody seals are present, were they intact?			<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>		
Are the containers labeled with the correct preservatives?			<input checked="" type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>		

Section 5 Explanations/Comments
No sampling dates or times on pg. 2 of COC. Dates and times taken from labels on sleeves.

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
 Email (email sent to/on): PAM / 2/26/24
 Project Manager's response: _____

Completed By: *Dena Sylvester* Date: **FEB 26 2024**

Analysis Results for 503179

Michael Priestaf
 Leighton & Associates, Inc., Irvine
 2600 Michelson Dr
 Suite 400
 Irvine, CA 92612

Lab Job #: 503179
 Project No: ORANGE CA
 Location: 6145 E. Santiago Canyon Rd, Orange, CA
 Date Received: 02/26/24

Sample ID: SPH01-35.0	Lab ID: 503179-001	Collected: 02/26/24 08:18
Matrix: Soil		

503179-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	334030	02/26/24	02/27/24	SBW
Arsenic	6.7		mg/Kg	0.96	0.96	334030	02/26/24	02/27/24	SBW
Barium	130		mg/Kg	0.96	0.96	334030	02/26/24	02/27/24	SBW
Beryllium	ND		mg/Kg	0.48	0.96	334030	02/26/24	02/27/24	SBW
Cadmium	3.2		mg/Kg	0.48	0.96	334030	02/26/24	02/27/24	SBW
Chromium	28		mg/Kg	0.96	0.96	334030	02/26/24	02/27/24	SBW
Cobalt	7.4		mg/Kg	0.48	0.96	334030	02/26/24	02/27/24	SBW
Copper	21		mg/Kg	0.96	0.96	334030	02/26/24	02/27/24	SBW
Lead	19		mg/Kg	0.96	0.96	334030	02/26/24	02/27/24	SBW
Molybdenum	6.4		mg/Kg	0.96	0.96	334030	02/26/24	02/27/24	SBW
Nickel	24		mg/Kg	0.96	0.96	334030	02/26/24	02/27/24	SBW
Selenium	ND		mg/Kg	2.9	0.96	334030	02/26/24	02/27/24	SBW
Silver	ND		mg/Kg	0.48	0.96	334030	02/26/24	02/27/24	SBW
Thallium	ND		mg/Kg	2.9	0.96	334030	02/26/24	02/27/24	SBW
Vanadium	52		mg/Kg	0.96	0.96	334030	02/26/24	02/27/24	SBW
Zinc	83		mg/Kg	4.8	0.96	334030	02/26/24	02/27/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	334395	03/01/24	03/04/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	333956	02/26/24	02/28/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	333956	02/26/24	02/28/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	333956	02/26/24	02/28/24	SME
Surrogates				Limits					
n-Triacontane	123%		%REC	70-130	0.99	333956	02/26/24	02/28/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
beta-BHC	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
delta-BHC	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Heptachlor	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Aldrin	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Dieldrin	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Endrin	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES

Analysis Results for 503179

503179-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	334389	03/01/24	03/03/24	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	334389	03/01/24	03/03/24	MES
Toxaphene	ND		ug/Kg	99	0.99	334389	03/01/24	03/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES

Surrogates	Limits								
TCMX	100%	%REC	23-120	0.99	334389	03/01/24	03/03/24	MES	
Decachlorobiphenyl	99%	%REC	24-120	0.99	334389	03/01/24	03/03/24	MES	

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES
Aroclor-1221	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES
Aroclor-1232	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES
Aroclor-1242	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES
Aroclor-1248	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES
Aroclor-1254	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES
Aroclor-1260	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES
Aroclor-1262	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES
Aroclor-1268	ND		ug/Kg	50	0.99	334389	03/01/24	03/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	103%	%REC	19-121	0.99	334389	03/01/24	03/03/24	MES	

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Freon 12	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Vinyl Chloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromomethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Acetone	ND		ug/Kg	100	1	334879	03/08/24	03/08/24	HMN
Freon 113	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Methylene Chloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
MTBE	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2-Butanone	ND		ug/Kg	100	1	334879	03/08/24	03/08/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloroform	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromochloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Benzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Trichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN

Analysis Results for 503179

503179-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromodichloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Dibromomethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Toluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Tetrachloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Dibromochloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Ethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
m,p-Xylenes	ND		ug/Kg	10	1	334879	03/08/24	03/08/24	HMN
o-Xylene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Styrene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromoform	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Isopropylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Propylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2-Chlorotoluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
4-Chlorotoluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
tert-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
sec-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
n-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Naphthalene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Xylene (total)	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Surrogates				Limits					
Dibromofluoromethane	102%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
1,2-Dichloroethane-d4	105%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
Toluene-d8	96%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
Bromofluorobenzene	108%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503179

503179-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Naphthalene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Acenaphthene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Fluorene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Phenanthrene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Anthracene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Fluoranthene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Pyrene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Chrysene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	77%	E	%REC	27-125	1	334786	03/07/24	03/08/24	TJW
2-Fluorobiphenyl	65%	E	%REC	30-120	1	334786	03/07/24	03/08/24	TJW
Terphenyl-d14	65%	E	%REC	33-155	1	334786	03/07/24	03/08/24	TJW
Method: EPA 8270C									
Prep Method: EPA 3546									
Carbazole	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Pyridine	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Phenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Aniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	334786	03/07/24	03/07/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
Isophorone	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW

Analysis Results for 503179

503179-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Dimethylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Benzidine	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Surrogates				Limits					
2-Fluorophenol	98%		%REC	29-120	1	334786	03/07/24	03/07/24	TJW
Phenol-d6	112%		%REC	30-120	1	334786	03/07/24	03/07/24	TJW
2,4,6-Tribromophenol	120%		%REC	32-120	1	334786	03/07/24	03/07/24	TJW
Nitrobenzene-d5	105%		%REC	33-120	1	334786	03/07/24	03/07/24	TJW
2-Fluorobiphenyl	106%		%REC	39-120	1	334786	03/07/24	03/07/24	TJW
Terphenyl-d14	105%		%REC	44-125	1	334786	03/07/24	03/07/24	TJW
Method: EPA 9045C									
pH	7.61		SU		1	334855	03/07/24	03/07/24	LVL
Temperature	21.00		deg C	1.00	1	334855	03/07/24	03/07/24	LVL

Analysis Results for 503179

Sample ID: SPH01-45.0	Lab ID: 503179-002	Collected: 02/26/24 08:51
Matrix: Soil		

503179-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	334030	02/26/24	02/27/24	SBW
Arsenic	42		mg/Kg	0.99	0.99	334030	02/26/24	02/27/24	SBW
Barium	25		mg/Kg	0.99	0.99	334030	02/26/24	02/27/24	SBW
Beryllium	ND		mg/Kg	0.50	0.99	334030	02/26/24	02/27/24	SBW
Cadmium	ND		mg/Kg	0.50	0.99	334030	02/26/24	02/27/24	SBW
Chromium	7.2		mg/Kg	0.99	0.99	334030	02/26/24	02/27/24	SBW
Cobalt	2.4		mg/Kg	0.50	0.99	334030	02/26/24	02/27/24	SBW
Copper	4.1		mg/Kg	0.99	0.99	334030	02/26/24	02/27/24	SBW
Lead	2.1		mg/Kg	0.99	0.99	334030	02/26/24	02/27/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.99	334030	02/26/24	02/27/24	SBW
Nickel	4.4		mg/Kg	0.99	0.99	334030	02/26/24	02/27/24	SBW
Selenium	ND		mg/Kg	3.0	0.99	334030	02/26/24	02/27/24	SBW
Silver	ND		mg/Kg	0.50	0.99	334030	02/26/24	02/27/24	SBW
Thallium	ND		mg/Kg	3.0	0.99	334030	02/26/24	02/27/24	SBW
Vanadium	15		mg/Kg	0.99	0.99	334030	02/26/24	02/27/24	SBW
Zinc	19		mg/Kg	5.0	0.99	334030	02/26/24	02/27/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	334395	03/01/24	03/04/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	20	2	333956	02/26/24	02/28/24	SME
DRO C10-C28	33		mg/Kg	20	2	333956	02/26/24	02/28/24	SME
ORO C28-C44	76		mg/Kg	40	2	333956	02/26/24	02/28/24	SME
Surrogates				Limits					
n-Triacontane	129%		%REC	70-130	2	333956	02/26/24	02/28/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
beta-BHC	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
gamma-BHC	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
delta-BHC	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Heptachlor	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Aldrin	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Endosulfan I	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Dieldrin	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
4,4'-DDE	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Endrin	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Endosulfan II	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
4,4'-DDD	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Endrin aldehyde	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
Endrin ketone	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES
4,4'-DDT	ND		ug/Kg	4.9	0.98	334389	03/01/24	03/03/24	MES

Analysis Results for 503179

503179-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	9.8	0.98	334389	03/01/24	03/03/24	MES
Toxaphene	ND		ug/Kg	98	0.98	334389	03/01/24	03/03/24	MES
Chlordane (Technical)	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES

Surrogates	Limits								
TCMX	77%		%REC	23-120	0.98	334389	03/01/24	03/03/24	MES
Decachlorobiphenyl	92%		%REC	24-120	0.98	334389	03/01/24	03/03/24	MES

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES
Aroclor-1221	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES
Aroclor-1232	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES
Aroclor-1242	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES
Aroclor-1248	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES
Aroclor-1254	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES
Aroclor-1260	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES
Aroclor-1262	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES
Aroclor-1268	ND		ug/Kg	49	0.98	334389	03/01/24	03/03/24	MES

Surrogates	Limits								
Decachlorobiphenyl (PCB)	93%		%REC	19-121	0.98	334389	03/01/24	03/03/24	MES

Method: EPA 8260B
Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Freon 12	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Vinyl Chloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromomethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Acetone	ND		ug/Kg	100	1	334879	03/08/24	03/08/24	HMN
Freon 113	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Methylene Chloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
MTBE	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2-Butanone	ND		ug/Kg	100	1	334879	03/08/24	03/08/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloroform	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromochloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Benzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Trichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromodichloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Dibromomethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN

Analysis Results for 503179

503179-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Tetrachloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Dibromochloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Ethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
m,p-Xylenes	ND		ug/Kg	10	1	334879	03/08/24	03/08/24	HMN
o-Xylene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Styrene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromoform	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Isopropylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Propylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2-Chlorotoluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
4-Chlorotoluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
tert-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
sec-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
n-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Naphthalene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Xylene (total)	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Surrogates				Limits					
Dibromofluoromethane	105%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
1,2-Dichloroethane-d4	103%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
Toluene-d8	97%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
Bromofluorobenzene	107%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
2-Methylnaphthalene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Naphthalene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Acenaphthylene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Acenaphthene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Fluorene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Phenanthrene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503179

503179-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Fluoranthene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Pyrene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Chrysene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	334786	03/07/24	03/08/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	75%		%REC	27-125	10	334786	03/07/24	03/08/24	TJW
2-Fluorobiphenyl	71%		%REC	30-120	10	334786	03/07/24	03/08/24	TJW
Terphenyl-d14	76%		%REC	33-155	10	334786	03/07/24	03/08/24	TJW

Method: EPA 8270C
Prep Method: EPA 3546

Carbazole	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
1-Methylnaphthalene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Pyridine	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Phenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Aniline	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	12,000	10	334786	03/07/24	03/07/24	TJW
2-Chlorophenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Benzyl alcohol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2-Methylphenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
3-,4-Methylphenol	ND		ug/Kg	4,000	10	334786	03/07/24	03/07/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Hexachloroethane	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Nitrobenzene	ND		ug/Kg	12,000	10	334786	03/07/24	03/07/24	TJW
Isophorone	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2-Nitrophenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Benzoic acid	ND		ug/Kg	12,000	10	334786	03/07/24	03/07/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
4-Chloroaniline	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Hexachlorobutadiene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2-Methylnaphthalene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	12,000	10	334786	03/07/24	03/07/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2-Chloronaphthalene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2-Nitroaniline	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503179

503179-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
3-Nitroaniline	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	12,000	10	334786	03/07/24	03/07/24	TJW
4-Nitrophenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Dibenzofuran	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Diethylphthalate	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
4-Nitroaniline	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Hexachlorobenzene	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Pentachlorophenol	ND		ug/Kg	12,000	10	334786	03/07/24	03/07/24	TJW
Di-n-butylphthalate	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Benzidine	ND		ug/Kg	12,000	10	334786	03/07/24	03/07/24	TJW
Butylbenzylphthalate	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	12,000	10	334786	03/07/24	03/07/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Di-n-octylphthalate	ND		ug/Kg	2,500	10	334786	03/07/24	03/07/24	TJW
Surrogates				Limits					
2-Fluorophenol	101%		%REC	29-120	10	334786	03/07/24	03/07/24	TJW
Phenol-d6	116%		%REC	30-120	10	334786	03/07/24	03/07/24	TJW
2,4,6-Tribromophenol	121%	*	%REC	32-120	10	334786	03/07/24	03/07/24	TJW
Nitrobenzene-d5	99%		%REC	33-120	10	334786	03/07/24	03/07/24	TJW
2-Fluorobiphenyl	109%		%REC	39-120	10	334786	03/07/24	03/07/24	TJW
Terphenyl-d14	108%		%REC	44-125	10	334786	03/07/24	03/07/24	TJW
Method: EPA 9045C									
pH	8.38		SU		1	334855	03/07/24	03/07/24	LVL
Temperature	21.00		deg C	1.00	1	334855	03/07/24	03/07/24	LVL

Analysis Results for 503179

Sample ID: SPH04-35.0	Lab ID: 503179-003	Collected: 02/26/24 09:45
Matrix: Soil		

503179-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	334030	02/26/24	02/27/24	SBW
Arsenic	5.6		mg/Kg	0.98	0.98	334030	02/26/24	02/27/24	SBW
Barium	97		mg/Kg	0.98	0.98	334030	02/26/24	02/27/24	SBW
Beryllium	0.51		mg/Kg	0.49	0.98	334030	02/26/24	02/27/24	SBW
Cadmium	0.64		mg/Kg	0.49	0.98	334030	02/26/24	02/27/24	SBW
Chromium	20		mg/Kg	0.98	0.98	334030	02/26/24	02/27/24	SBW
Cobalt	7.3		mg/Kg	0.49	0.98	334030	02/26/24	02/27/24	SBW
Copper	18		mg/Kg	0.98	0.98	334030	02/26/24	02/27/24	SBW
Lead	9.1		mg/Kg	0.98	0.98	334030	02/26/24	02/27/24	SBW
Molybdenum	1.2		mg/Kg	0.98	0.98	334030	02/26/24	02/27/24	SBW
Nickel	16		mg/Kg	0.98	0.98	334030	02/26/24	02/27/24	SBW
Selenium	ND		mg/Kg	2.9	0.98	334030	02/26/24	02/27/24	SBW
Silver	ND		mg/Kg	0.49	0.98	334030	02/26/24	02/27/24	SBW
Thallium	ND		mg/Kg	2.9	0.98	334030	02/26/24	02/27/24	SBW
Vanadium	44		mg/Kg	0.98	0.98	334030	02/26/24	02/27/24	SBW
Zinc	57		mg/Kg	4.9	0.98	334030	02/26/24	02/27/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	334395	03/01/24	03/04/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	10	1	333956	02/26/24	02/28/24	SME
DRO C10-C28	11		mg/Kg	10	1	333956	02/26/24	02/28/24	SME
ORO C28-C44	30		mg/Kg	20	1	333956	02/26/24	02/28/24	SME
Surrogates				Limits					
n-Triacontane	116%		%REC	70-130	1	333956	02/26/24	02/28/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
beta-BHC	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
delta-BHC	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Heptachlor	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Aldrin	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Dieldrin	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
4,4'-DDE	28		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endrin	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES

Analysis Results for 503179

503179-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	334389	03/01/24	03/03/24	MES
Toxaphene	ND		ug/Kg	100	1	334389	03/01/24	03/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Surrogates				Limits					
TCMX	93%		%REC	23-120	1	334389	03/01/24	03/03/24	MES
Decachlorobiphenyl	105%		%REC	24-120	1	334389	03/01/24	03/03/24	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1221	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1232	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1242	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1248	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1254	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1260	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1262	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1268	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Surrogates				Limits					
Decachlorobiphenyl (PCB)	108%		%REC	19-121	1	334389	03/01/24	03/03/24	MES
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Freon 12	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Vinyl Chloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromomethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Trichlorofluoromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Acetone	ND		ug/Kg	100	1	334879	03/08/24	03/08/24	HMN
Freon 113	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Methylene Chloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
MTBE	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2-Butanone	ND		ug/Kg	100	1	334879	03/08/24	03/08/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2,2-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chloroform	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromochloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Carbon Tetrachloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Benzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Trichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromodichloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Dibromomethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN

Analysis Results for 503179

503179-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Tetrachloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Dibromochloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dibromoethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Chlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Ethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
m,p-Xylenes	ND		ug/Kg	10	1	334879	03/08/24	03/08/24	HMN
o-Xylene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Styrene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromoform	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Isopropylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Propylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Bromobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
2-Chlorotoluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
4-Chlorotoluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
tert-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
sec-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
n-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Hexachlorobutadiene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Naphthalene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Xylene (total)	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	HMN
Surrogates				Limits					
Dibromofluoromethane	106%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
1,2-Dichloroethane-d4	105%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
Toluene-d8	96%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN
Bromofluorobenzene	109%		%REC	70-145	1	334879	03/08/24	03/08/24	HMN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
2-Methylnaphthalene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Naphthalene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Acenaphthylene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Acenaphthene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Fluorene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Phenanthrene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503179

503179-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Fluoranthene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Pyrene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Benzo(a)anthracene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Chrysene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Benzo(a)pyrene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	40	4	334786	03/07/24	03/08/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	59%		%REC	27-125	4	334786	03/07/24	03/08/24	TJW
2-Fluorobiphenyl	56%		%REC	30-120	4	334786	03/07/24	03/08/24	TJW
Terphenyl-d14	67%		%REC	33-155	4	334786	03/07/24	03/08/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
1-Methylnaphthalene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Pyridine	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Phenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Aniline	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	4,800	4	334786	03/07/24	03/07/24	TJW
2-Chlorophenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Benzyl alcohol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2-Methylphenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
3-,4-Methylphenol	ND		ug/Kg	1,600	4	334786	03/07/24	03/07/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Hexachloroethane	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Nitrobenzene	ND		ug/Kg	4,800	4	334786	03/07/24	03/07/24	TJW
Isophorone	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2-Nitrophenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Benzoic acid	ND		ug/Kg	4,800	4	334786	03/07/24	03/07/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
4-Chloroaniline	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Hexachlorobutadiene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2-Methylnaphthalene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	4,800	4	334786	03/07/24	03/07/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2-Chloronaphthalene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2-Nitroaniline	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503179

503179-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
3-Nitroaniline	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	4,800	4	334786	03/07/24	03/07/24	TJW
4-Nitrophenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Dibenzofuran	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Diethylphthalate	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
4-Nitroaniline	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Hexachlorobenzene	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Pentachlorophenol	ND		ug/Kg	4,800	4	334786	03/07/24	03/07/24	TJW
Di-n-butylphthalate	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Benzidine	ND		ug/Kg	4,800	4	334786	03/07/24	03/07/24	TJW
Butylbenzylphthalate	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	4,800	4	334786	03/07/24	03/07/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Di-n-octylphthalate	ND		ug/Kg	1,000	4	334786	03/07/24	03/07/24	TJW
Surrogates				Limits					
2-Fluorophenol	88%		%REC	29-120	4	334786	03/07/24	03/07/24	TJW
Phenol-d6	101%		%REC	30-120	4	334786	03/07/24	03/07/24	TJW
2,4,6-Tribromophenol	131%	*	%REC	32-120	4	334786	03/07/24	03/07/24	TJW
Nitrobenzene-d5	93%		%REC	33-120	4	334786	03/07/24	03/07/24	TJW
2-Fluorobiphenyl	102%		%REC	39-120	4	334786	03/07/24	03/07/24	TJW
Terphenyl-d14	112%		%REC	44-125	4	334786	03/07/24	03/07/24	TJW
Method: EPA 9045C									
pH	7.89		SU		1	334855	03/07/24	03/07/24	LVL
Temperature	21.00		deg C	1.00	1	334855	03/07/24	03/07/24	LVL

Analysis Results for 503179

Sample ID: SPH04-45.0	Lab ID: 503179-004	Collected: 02/26/24 10:11
Matrix: Soil		

503179-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	334030	02/26/24	02/27/24	SBW
Arsenic	5.3		mg/Kg	0.95	0.95	334030	02/26/24	02/27/24	SBW
Barium	98		mg/Kg	0.95	0.95	334030	02/26/24	02/27/24	SBW
Beryllium	0.52		mg/Kg	0.48	0.95	334030	02/26/24	02/27/24	SBW
Cadmium	ND		mg/Kg	0.48	0.95	334030	02/26/24	02/27/24	SBW
Chromium	43		mg/Kg	0.95	0.95	334030	02/26/24	02/27/24	SBW
Cobalt	10		mg/Kg	0.48	0.95	334030	02/26/24	02/27/24	SBW
Copper	25		mg/Kg	0.95	0.95	334030	02/26/24	02/27/24	SBW
Lead	5.8		mg/Kg	0.95	0.95	334030	02/26/24	02/27/24	SBW
Molybdenum	1.3		mg/Kg	0.95	0.95	334030	02/26/24	02/27/24	SBW
Nickel	22		mg/Kg	0.95	0.95	334030	02/26/24	02/27/24	SBW
Selenium	ND		mg/Kg	2.9	0.95	334030	02/26/24	02/27/24	SBW
Silver	ND		mg/Kg	0.48	0.95	334030	02/26/24	02/27/24	SBW
Thallium	ND		mg/Kg	2.9	0.95	334030	02/26/24	02/27/24	SBW
Vanadium	57		mg/Kg	0.95	0.95	334030	02/26/24	02/27/24	SBW
Zinc	63		mg/Kg	4.8	0.95	334030	02/26/24	02/27/24	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	334395	03/01/24	03/04/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C8-C10	ND		mg/Kg	9.9	0.99	333956	02/26/24	02/28/24	SME
DRO C10-C28	ND		mg/Kg	9.9	0.99	333956	02/26/24	02/28/24	SME
ORO C28-C44	ND		mg/Kg	20	0.99	333956	02/26/24	02/28/24	SME
Surrogates				Limits					
n-Triacontane	103%		%REC	70-130	0.99	333956	02/26/24	02/28/24	SME
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
beta-BHC	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
gamma-BHC	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
delta-BHC	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Heptachlor	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Aldrin	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endosulfan I	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Dieldrin	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endrin	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endosulfan II	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
4,4'-DDD	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
Endrin ketone	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1	334389	03/01/24	03/03/24	MES

Analysis Results for 503179

503179-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methoxychlor	ND		ug/Kg	10	1	334389	03/01/24	03/03/24	MES
Toxaphene	ND		ug/Kg	100	1	334389	03/01/24	03/03/24	MES
Chlordane (Technical)	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Surrogates				Limits					
TCMX	89%		%REC	23-120	1	334389	03/01/24	03/03/24	MES
Decachlorobiphenyl	97%		%REC	24-120	1	334389	03/01/24	03/03/24	MES
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1221	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1232	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1242	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1248	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1254	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1260	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1262	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Aroclor-1268	ND		ug/Kg	50	1	334389	03/01/24	03/03/24	MES
Surrogates				Limits					
Decachlorobiphenyl (PCB)	95%		%REC	19-121	1	334389	03/01/24	03/03/24	MES
Method: EPA 8260B Prep Method: EPA 5030B									
3-Chloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Freon 12	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Chloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Vinyl Chloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Bromomethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Chloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Trichlorofluoromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Acetone	ND		ug/Kg	100	1	334879	03/08/24	03/08/24	YAH
Freon 113	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,1-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Methylene Chloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
MTBE	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,1-Dichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
2-Butanone	ND		ug/Kg	100	1	334879	03/08/24	03/08/24	YAH
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
2,2-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Chloroform	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Bromochloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,1-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Carbon Tetrachloride	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2-Dichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Benzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Trichloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Bromodichloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Dibromomethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH

Analysis Results for 503179

503179-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,3-Dichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Tetrachloroethene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Dibromochloromethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2-Dibromoethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Chlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Ethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
m,p-Xylenes	ND		ug/Kg	10	1	334879	03/08/24	03/08/24	YAH
o-Xylene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Styrene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Bromoform	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Isopropylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Propylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Bromobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
2-Chlorotoluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
4-Chlorotoluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
tert-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
sec-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
para-Isopropyl Toluene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
n-Butylbenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Hexachlorobutadiene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Naphthalene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Xylene (total)	ND		ug/Kg	5.0	1	334879	03/08/24	03/08/24	YAH
Surrogates				Limits					
Dibromofluoromethane	105%		%REC	70-145	1	334879	03/08/24	03/08/24	YAH
1,2-Dichloroethane-d4	105%		%REC	70-145	1	334879	03/08/24	03/08/24	YAH
Toluene-d8	94%		%REC	70-145	1	334879	03/08/24	03/08/24	YAH
Bromofluorobenzene	105%		%REC	70-145	1	334879	03/08/24	03/08/24	YAH

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Naphthalene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Acenaphthylene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Acenaphthene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Fluorene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Phenanthrene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503179

503179-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Anthracene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Fluoranthene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Pyrene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Chrysene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	334786	03/07/24	03/08/24	TJW
Surrogates				Limits					
Nitrobenzene-d5	66%	E	%REC	27-125	1	334786	03/07/24	03/08/24	TJW
2-Fluorobiphenyl	58%	E	%REC	30-120	1	334786	03/07/24	03/08/24	TJW
Terphenyl-d14	59%	E	%REC	33-155	1	334786	03/07/24	03/08/24	TJW

Method: EPA 8270C
 Prep Method: EPA 3546

Carbazole	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1-Methylnaphthalene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Pyridine	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
N-Nitrosodimethylamine	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Phenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Aniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
2-Chlorophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,3-Dichlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,4-Dichlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Benzyl alcohol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,2-Dichlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Methylphenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
3-,4-Methylphenol	ND		ug/Kg	400	1	334786	03/07/24	03/07/24	TJW
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Hexachloroethane	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Nitrobenzene	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
Isophorone	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Nitrophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4-Dimethylphenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Benzoic acid	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4-Dichlorophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,2,4-Trichlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Chloroaniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Hexachlorobutadiene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Chloro-3-methylphenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Methylnaphthalene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
2,4,6-Trichlorophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4,5-Trichlorophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Chloronaphthalene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2-Nitroaniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 503179

503179-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dimethylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,6-Dinitrotoluene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
3-Nitroaniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4-Dinitrophenol	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
4-Nitrophenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Dibenzofuran	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
2,4-Dinitrotoluene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Diethylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Chlorophenyl-phenylether	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Nitroaniline	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
N-Nitrosodiphenylamine	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
4-Bromophenyl-phenylether	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Hexachlorobenzene	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Pentachlorophenol	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
Di-n-butylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Benzidine	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
Butylbenzylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	1	334786	03/07/24	03/07/24	TJW
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Di-n-octylphthalate	ND		ug/Kg	250	1	334786	03/07/24	03/07/24	TJW
Surrogates				Limits					
2-Fluorophenol	92%		%REC	29-120	1	334786	03/07/24	03/07/24	TJW
Phenol-d6	105%		%REC	30-120	1	334786	03/07/24	03/07/24	TJW
2,4,6-Tribromophenol	108%		%REC	32-120	1	334786	03/07/24	03/07/24	TJW
Nitrobenzene-d5	95%		%REC	33-120	1	334786	03/07/24	03/07/24	TJW
2-Fluorobiphenyl	95%		%REC	39-120	1	334786	03/07/24	03/07/24	TJW
Terphenyl-d14	85%		%REC	44-125	1	334786	03/07/24	03/07/24	TJW
Method: EPA 9045C									
pH	8.05		SU		1	334855	03/07/24	03/07/24	LVL
Temperature	20.90		deg C	1.00	1	334855	03/07/24	03/07/24	LVL

* Value is outside QC limits
E Response exceeds instrument's linear range
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1131938	Batch: 334030
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1131938 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	02/26/24	02/27/24
Arsenic	ND		mg/Kg	1.0	02/26/24	02/27/24
Barium	ND		mg/Kg	1.0	02/26/24	02/27/24
Beryllium	ND		mg/Kg	0.50	02/26/24	02/27/24
Cadmium	ND		mg/Kg	0.50	02/26/24	02/27/24
Chromium	ND		mg/Kg	1.0	02/26/24	02/27/24
Cobalt	ND		mg/Kg	0.50	02/26/24	02/27/24
Copper	ND		mg/Kg	1.0	02/26/24	02/27/24
Lead	ND		mg/Kg	1.0	02/26/24	02/27/24
Molybdenum	ND		mg/Kg	1.0	02/26/24	02/27/24
Nickel	ND		mg/Kg	1.0	02/26/24	02/27/24
Selenium	ND		mg/Kg	3.0	02/26/24	02/27/24
Silver	ND		mg/Kg	0.50	02/26/24	02/27/24
Thallium	ND		mg/Kg	3.0	02/26/24	02/27/24
Vanadium	ND		mg/Kg	1.0	02/26/24	02/27/24
Zinc	ND		mg/Kg	5.0	02/26/24	02/27/24

Type: Lab Control Sample	Lab ID: QC1131939	Batch: 334030
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1131939 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	93.82	100.0	mg/Kg	94%		80-120
Arsenic	93.09	100.0	mg/Kg	93%		80-120
Barium	100.0	100.0	mg/Kg	100%		80-120
Beryllium	95.21	100.0	mg/Kg	95%		80-120
Cadmium	98.92	100.0	mg/Kg	99%		80-120
Chromium	95.09	100.0	mg/Kg	95%		80-120
Cobalt	102.7	100.0	mg/Kg	103%		80-120
Copper	93.54	100.0	mg/Kg	94%		80-120
Lead	99.96	100.0	mg/Kg	100%		80-120
Molybdenum	95.22	100.0	mg/Kg	95%		80-120
Nickel	100.1	100.0	mg/Kg	100%		80-120
Selenium	86.19	100.0	mg/Kg	86%		80-120
Silver	49.27	50.00	mg/Kg	99%		80-120
Thallium	98.34	100.0	mg/Kg	98%		80-120
Vanadium	94.79	100.0	mg/Kg	95%		80-120
Zinc	98.97	100.0	mg/Kg	99%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1131940	Batch: 334030
Matrix (Source ID): Soil (503098-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1131940 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	38.25	ND	95.24	mg/Kg	40%	*	75-125	0.95
Arsenic	93.05	7.033	95.24	mg/Kg	90%		75-125	0.95
Barium	224.0	140.6	95.24	mg/Kg	88%		75-125	0.95
Beryllium	89.30	0.4523	95.24	mg/Kg	93%		75-125	0.95
Cadmium	87.36	0.05682	95.24	mg/Kg	92%		75-125	0.95
Chromium	132.2	43.99	95.24	mg/Kg	93%		75-125	0.95
Cobalt	101.7	13.37	95.24	mg/Kg	93%		75-125	0.95
Copper	137.1	53.46	95.24	mg/Kg	88%		75-125	0.95
Lead	98.53	11.45	95.24	mg/Kg	91%		75-125	0.95
Molybdenum	82.45	2.263	95.24	mg/Kg	84%		75-125	0.95
Nickel	127.5	47.25	95.24	mg/Kg	84%		75-125	0.95
Selenium	80.24	1.448	95.24	mg/Kg	83%		75-125	0.95
Silver	48.07	0.08709	47.62	mg/Kg	101%		75-125	0.95
Thallium	85.51	ND	95.24	mg/Kg	90%		75-125	0.95
Vanadium	153.0	67.33	95.24	mg/Kg	90%		75-125	0.95
Zinc	132.3	49.34	95.24	mg/Kg	87%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1131941	Batch: 334030
Matrix (Source ID): Soil (503098-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1131941 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	39.85	ND	100.0	mg/Kg	40%	*	75-125	1	41	1
Arsenic	100.1	7.033	100.0	mg/Kg	93%		75-125	3	35	1
Barium	250.3	140.6	100.0	mg/Kg	110%		75-125	9	20	1
Beryllium	95.47	0.4523	100.0	mg/Kg	95%		75-125	2	20	1
Cadmium	93.21	0.05682	100.0	mg/Kg	93%		75-125	2	20	1
Chromium	141.1	43.99	100.0	mg/Kg	97%		75-125	3	20	1
Cobalt	106.9	13.37	100.0	mg/Kg	94%		75-125	1	20	1
Copper	139.4	53.46	100.0	mg/Kg	86%		75-125	2	20	1
Lead	104.7	11.45	100.0	mg/Kg	93%		75-125	2	20	1
Molybdenum	88.81	2.263	100.0	mg/Kg	87%		75-125	3	20	1
Nickel	136.0	47.25	100.0	mg/Kg	89%		75-125	3	20	1
Selenium	86.91	1.448	100.0	mg/Kg	85%		75-125	3	20	1
Silver	51.22	0.08709	50.00	mg/Kg	102%		75-125	1	20	1
Thallium	91.07	ND	100.0	mg/Kg	91%		75-125	1	20	1
Vanadium	156.9	67.33	100.0	mg/Kg	90%		75-125	0	20	1
Zinc	138.8	49.34	100.0	mg/Kg	89%		75-125	2	20	1

Batch QC

Type: Post Digest Spike	Lab ID: QC1131942	Batch: 334030
Matrix (Source ID): Soil (503098-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1131942 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	102.9	ND	97.09	mg/Kg	106%		75-125	0.97
Arsenic	107.8	7.033	97.09	mg/Kg	104%		75-125	0.97
Barium	231.8	140.6	97.09	mg/Kg	94%		75-125	0.97
Beryllium	101.1	0.4523	97.09	mg/Kg	104%		75-125	0.97
Cadmium	98.78	0.05682	97.09	mg/Kg	102%		75-125	0.97
Chromium	137.7	43.99	97.09	mg/Kg	96%		75-125	0.97
Cobalt	113.0	13.37	97.09	mg/Kg	103%		75-125	0.97
Copper	156.7	53.46	97.09	mg/Kg	106%		75-125	0.97
Lead	109.5	11.45	97.09	mg/Kg	101%		75-125	0.97
Molybdenum	103.5	2.263	97.09	mg/Kg	104%		75-125	0.97
Nickel	139.6	47.25	97.09	mg/Kg	95%		75-125	0.97
Selenium	93.53	1.448	97.09	mg/Kg	95%		75-125	0.97
Silver	55.36	0.08709	48.54	mg/Kg	114%		75-125	0.97
Thallium	97.67	ND	97.09	mg/Kg	101%		75-125	0.97
Vanadium	163.0	67.33	97.09	mg/Kg	99%		75-125	0.97
Zinc	146.2	49.34	97.09	mg/Kg	100%		75-125	0.97

Type: Blank	Lab ID: QC1133136	Batch: 334395
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1133136 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	03/01/24	03/04/24

Type: Lab Control Sample	Lab ID: QC1133137	Batch: 334395
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1133137 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7897	0.8333	mg/Kg	95%		80-120

Type: Matrix Spike	Lab ID: QC1133138	Batch: 334395
Matrix (Source ID): Soil (503320-001)	Method: EPA 7471A	Prep Method: METHOD

QC1133138 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.7864	ND	0.8475	mg/Kg	93%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1133139	Batch: 334395
Matrix (Source ID): Soil (503320-001)	Method: EPA 7471A	Prep Method: METHOD

QC1133139 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8456	ND	0.8929	mg/Kg	95%		75-125	2	20	1.1

Batch QC

Type: Blank	Lab ID: QC1131682	Batch: 333956
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1131682 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C8-C10	ND		mg/Kg	10	02/26/24	02/26/24
DRO C10-C28	ND		mg/Kg	10	02/26/24	02/26/24
ORO C28-C44	ND		mg/Kg	20	02/26/24	02/26/24
Surrogates				Limits		
n-Triacontane	112%		%REC	70-130	02/26/24	02/26/24

Type: Lab Control Sample	Lab ID: QC1131683	Batch: 333956
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1131683 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	261.0	248.8	mg/Kg	105%		76-122
Surrogates						
n-Triacontane	11.81	9.950	mg/Kg	119%		70-130

Type: Matrix Spike	Lab ID: QC1131684	Batch: 333956
Matrix (Source ID): Soil (502862-002)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1131684 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	258.6	ND	248.9	mg/Kg	104%		62-126	1
Surrogates								
n-Triacontane	11.70		9.955	mg/Kg	118%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1131685	Batch: 333956
Matrix (Source ID): Soil (502862-002)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1131685 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	255.0	ND	248.9	mg/Kg	102%		62-126	1	35	1
Surrogates										
n-Triacontane	11.56		9.955	mg/Kg	116%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1133101	Batch: 334389
Matrix: Soil		

QC1133101 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	03/01/24	03/02/24
beta-BHC	ND		ug/Kg	5.0	03/01/24	03/02/24
gamma-BHC	ND		ug/Kg	5.0	03/01/24	03/02/24
delta-BHC	ND		ug/Kg	5.0	03/01/24	03/02/24
Heptachlor	ND		ug/Kg	5.0	03/01/24	03/02/24
Aldrin	ND		ug/Kg	5.0	03/01/24	03/02/24
Heptachlor epoxide	ND		ug/Kg	5.0	03/01/24	03/02/24
Endosulfan I	ND		ug/Kg	5.0	03/01/24	03/02/24
Dieldrin	ND		ug/Kg	5.0	03/01/24	03/02/24
4,4'-DDE	ND		ug/Kg	5.0	03/01/24	03/02/24
Endrin	ND		ug/Kg	5.0	03/01/24	03/02/24
Endosulfan II	ND		ug/Kg	5.0	03/01/24	03/02/24
Endosulfan sulfate	ND		ug/Kg	5.0	03/01/24	03/02/24
4,4'-DDD	ND		ug/Kg	5.0	03/01/24	03/02/24
Endrin aldehyde	ND		ug/Kg	5.0	03/01/24	03/02/24
Endrin ketone	ND		ug/Kg	5.0	03/01/24	03/02/24
4,4'-DDT	ND		ug/Kg	5.0	03/01/24	03/02/24
Methoxychlor	ND		ug/Kg	10	03/01/24	03/02/24
Toxaphene	ND		ug/Kg	100	03/01/24	03/02/24
Chlordane (Technical)	ND		ug/Kg	50	03/01/24	03/02/24
Surrogates				Limits		
TCMX	100%		%REC	23-120	03/01/24	03/02/24
Decachlorobiphenyl	108%		%REC	24-120	03/01/24	03/02/24
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	03/01/24	03/02/24
Aroclor-1221	ND		ug/Kg	50	03/01/24	03/02/24
Aroclor-1232	ND		ug/Kg	50	03/01/24	03/02/24
Aroclor-1242	ND		ug/Kg	50	03/01/24	03/02/24
Aroclor-1248	ND		ug/Kg	50	03/01/24	03/02/24
Aroclor-1254	ND		ug/Kg	50	03/01/24	03/02/24
Aroclor-1260	ND		ug/Kg	50	03/01/24	03/02/24
Aroclor-1262	ND		ug/Kg	50	03/01/24	03/02/24
Aroclor-1268	ND		ug/Kg	50	03/01/24	03/02/24
Surrogates				Limits		
Decachlorobiphenyl (PCB)	109%		%REC	19-121	03/01/24	03/02/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1133102	Batch: 334389
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1133102 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	54.04	50.51	ug/Kg	107%		22-129
beta-BHC	56.27	50.51	ug/Kg	111%		28-125
gamma-BHC	56.62	50.51	ug/Kg	112%		22-128
delta-BHC	59.81	50.51	ug/Kg	118%		24-131
Heptachlor	54.96	50.51	ug/Kg	109%		18-124
Aldrin	50.69	50.51	ug/Kg	100%		23-120
Heptachlor epoxide	54.82	50.51	ug/Kg	109%		26-120
Endosulfan I	55.48	50.51	ug/Kg	110%		25-126
Dieldrin	59.53	50.51	ug/Kg	118%		23-124
4,4'-DDE	59.16	50.51	ug/Kg	117%		28-121
Endrin	62.13	50.51	ug/Kg	123%		25-127
Endosulfan II	60.72	50.51	ug/Kg	120%		29-121
Endosulfan sulfate	59.62	50.51	ug/Kg	118%		30-121
4,4'-DDD	60.47	50.51	ug/Kg	120%		26-120
Endrin aldehyde	40.86	50.51	ug/Kg	81%		10-120
Endrin ketone	61.19	50.51	ug/Kg	121%		28-125
4,4'-DDT	62.28	50.51	ug/Kg	123%		22-125
Methoxychlor	66.25	50.51	ug/Kg	131%	*	28-130
Surrogates						
TCMX	45.76	50.51	ug/Kg	91%		23-120
Decachlorobiphenyl	51.30	50.51	ug/Kg	102%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1133103	Batch: 334389
Matrix (Source ID): Soil (503359-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1133103 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	49.73	ND	49.50	ug/Kg	100%		46-120	0.99
beta-BHC	51.15	ND	49.50	ug/Kg	103%		41-120	0.99
gamma-BHC	51.62	ND	49.50	ug/Kg	104%		41-120	0.99
delta-BHC	54.69	ND	49.50	ug/Kg	110%		38-123	0.99
Heptachlor	50.62	ND	49.50	ug/Kg	102%		39-120	0.99
Aldrin	49.97	ND	49.50	ug/Kg	101%		34-120	0.99
Heptachlor epoxide	51.54	ND	49.50	ug/Kg	104%		43-120	0.99
Endosulfan I	51.72	ND	49.50	ug/Kg	104%		45-120	0.99
Dieldrin	56.72	ND	49.50	ug/Kg	115%		45-120	0.99
4,4'-DDE	54.00	ND	49.50	ug/Kg	109%		34-120	0.99
Endrin	55.09	ND	49.50	ug/Kg	111%		40-120	0.99
Endosulfan II	56.16	ND	49.50	ug/Kg	113%		41-120	0.99
Endosulfan sulfate	52.59	ND	49.50	ug/Kg	106%		42-120	0.99
4,4'-DDD	56.92	ND	49.50	ug/Kg	115%		41-120	0.99
Endrin aldehyde	45.39	ND	49.50	ug/Kg	92%		30-120	0.99
Endrin ketone	53.27	ND	49.50	ug/Kg	108%		45-120	0.99
4,4'-DDT	53.61	ND	49.50	ug/Kg	108%		35-127	0.99
Methoxychlor	53.95	ND	49.50	ug/Kg	109%		42-136	0.99
Surrogates								
TCMX	43.06		49.50	ug/Kg	87%		23-120	0.99
Decachlorobiphenyl	45.57		49.50	ug/Kg	92%		24-120	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1133104	Batch: 334389
Matrix (Source ID): Soil (503359-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1133104 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	55.93	ND	50.51	ug/Kg	111%		46-120	10	30	1
beta-BHC	56.78	ND	50.51	ug/Kg	112%		41-120	8	30	1
gamma-BHC	58.05	ND	50.51	ug/Kg	115%		41-120	10	30	1
delta-BHC	61.91	ND	50.51	ug/Kg	123%		38-123	10	30	1
Heptachlor	56.44	ND	50.51	ug/Kg	112%		39-120	9	30	1
Aldrin	57.01	ND	50.51	ug/Kg	113%		34-120	11	30	1
Heptachlor epoxide	57.17	ND	50.51	ug/Kg	113%		43-120	8	30	1
Endosulfan I	57.47	ND	50.51	ug/Kg	114%		45-120	9	30	1
Dieldrin	58.67	ND	50.51	ug/Kg	116%		45-120	1	30	1
4,4'-DDE	58.88	ND	50.51	ug/Kg	117%		34-120	7	30	1
Endrin	63.05	ND	50.51	ug/Kg	125%	*	40-120	11	30	1
Endosulfan II	60.26	ND	50.51	ug/Kg	119%		41-120	5	30	1
Endosulfan sulfate	58.94	ND	50.51	ug/Kg	117%		42-120	9	30	1
4,4'-DDD	62.08	ND	50.51	ug/Kg	123%	*	41-120	7	30	1
Endrin aldehyde	51.93	ND	50.51	ug/Kg	103%		30-120	11	30	1
Endrin ketone	60.49	ND	50.51	ug/Kg	120%		45-120	11	30	1
4,4'-DDT	60.54	ND	50.51	ug/Kg	120%		35-127	10	30	1
Methoxychlor	64.00	ND	50.51	ug/Kg	127%		42-136	15	30	1
Surrogates										
TCMX	47.21		50.51	ug/Kg	93%		23-120			1
Decachlorobiphenyl	50.39		50.51	ug/Kg	100%		24-120			1

Type: Lab Control Sample	Lab ID: QC1133105	Batch: 334389
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1133105 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	548.1	495.0	ug/Kg	111%		14-150
Aroclor-1260	626.2	495.0	ug/Kg	126%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	58.52	49.50	ug/Kg	118%		19-121

Type: Matrix Spike	Lab ID: QC1133106	Batch: 334389
Matrix (Source ID): Soil (503359-002)	Method: EPA 8082	Prep Method: EPA 3546

QC1133106 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	535.6	ND	505.1	ug/Kg	106%		42-127	1
Aroclor-1260	603.3	ND	505.1	ug/Kg	119%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	60.08		50.51	ug/Kg	119%		19-121	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1133107	Batch: 334389
Matrix (Source ID): Soil (503359-002)	Method: EPA 8082	Prep Method: EPA 3546

QC1133107 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	485.2	ND	490.2	ug/Kg	99%		42-127	7	30	0.98
Aroclor-1260	559.8	ND	490.2	ug/Kg	114%		38-130	5	30	0.98
Surrogates										
Decachlorobiphenyl (PCB)	55.20		49.02	ug/Kg	113%		19-121			0.98

Type: Lab Control Sample	Lab ID: QC1134767	Batch: 334879
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1134767 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.17	50.00	ug/Kg	96%		70-131
MTBE	49.98	50.00	ug/Kg	100%		69-130
Benzene	46.69	50.00	ug/Kg	93%		70-130
Trichloroethene	44.65	50.00	ug/Kg	89%		70-130
Toluene	44.62	50.00	ug/Kg	89%		70-130
Chlorobenzene	45.98	50.00	ug/Kg	92%		70-130
Surrogates						
Dibromofluoromethane	55.05	50.00	ug/Kg	110%		70-130
1,2-Dichloroethane-d4	55.15	50.00	ug/Kg	110%		70-145
Toluene-d8	48.85	50.00	ug/Kg	98%		70-145
Bromofluorobenzene	53.48	50.00	ug/Kg	107%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1134768	Batch: 334879
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1134768 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	41.86	50.00	ug/Kg	84%		70-131	14	33
MTBE	42.09	50.00	ug/Kg	84%		69-130	17	30
Benzene	41.79	50.00	ug/Kg	84%		70-130	11	30
Trichloroethene	45.88	50.00	ug/Kg	92%		70-130	3	30
Toluene	41.07	50.00	ug/Kg	82%		70-130	8	30
Chlorobenzene	42.69	50.00	ug/Kg	85%		70-130	7	30
Surrogates								
Dibromofluoromethane	53.20	50.00	ug/Kg	106%		70-130		
1,2-Dichloroethane-d4	50.68	50.00	ug/Kg	101%		70-145		
Toluene-d8	49.55	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	53.90	50.00	ug/Kg	108%		70-145		

Batch QC

Type: Blank	Lab ID: QC1134771	Batch: 334879
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1134771 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	03/08/24	03/08/24
Freon 12	ND		ug/Kg	5.0	03/08/24	03/08/24
Chloromethane	ND		ug/Kg	5.0	03/08/24	03/08/24
Vinyl Chloride	ND		ug/Kg	5.0	03/08/24	03/08/24
Bromomethane	ND		ug/Kg	5.0	03/08/24	03/08/24
Chloroethane	ND		ug/Kg	5.0	03/08/24	03/08/24
Trichlorofluoromethane	ND		ug/Kg	5.0	03/08/24	03/08/24
Acetone	ND		ug/Kg	100	03/08/24	03/08/24
Freon 113	ND		ug/Kg	5.0	03/08/24	03/08/24
1,1-Dichloroethene	ND		ug/Kg	5.0	03/08/24	03/08/24
Methylene Chloride	ND		ug/Kg	5.0	03/08/24	03/08/24
MTBE	ND		ug/Kg	5.0	03/08/24	03/08/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,1-Dichloroethane	ND		ug/Kg	5.0	03/08/24	03/08/24
2-Butanone	ND		ug/Kg	100	03/08/24	03/08/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	03/08/24	03/08/24
2,2-Dichloropropane	ND		ug/Kg	5.0	03/08/24	03/08/24
Chloroform	ND		ug/Kg	5.0	03/08/24	03/08/24
Bromochloromethane	ND		ug/Kg	5.0	03/08/24	03/08/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	03/08/24	03/08/24
1,1-Dichloropropene	ND		ug/Kg	5.0	03/08/24	03/08/24
Carbon Tetrachloride	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2-Dichloroethane	ND		ug/Kg	5.0	03/08/24	03/08/24
Benzene	ND		ug/Kg	5.0	03/08/24	03/08/24
Trichloroethene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2-Dichloropropane	ND		ug/Kg	5.0	03/08/24	03/08/24
Bromodichloromethane	ND		ug/Kg	5.0	03/08/24	03/08/24
Dibromomethane	ND		ug/Kg	5.0	03/08/24	03/08/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	03/08/24	03/08/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	03/08/24	03/08/24
Toluene	ND		ug/Kg	5.0	03/08/24	03/08/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	03/08/24	03/08/24
1,3-Dichloropropane	ND		ug/Kg	5.0	03/08/24	03/08/24
Tetrachloroethene	ND		ug/Kg	5.0	03/08/24	03/08/24
Dibromochloromethane	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2-Dibromoethane	ND		ug/Kg	5.0	03/08/24	03/08/24
Chlorobenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	03/08/24	03/08/24
Ethylbenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
m,p-Xylenes	ND		ug/Kg	10	03/08/24	03/08/24
o-Xylene	ND		ug/Kg	5.0	03/08/24	03/08/24
Styrene	ND		ug/Kg	5.0	03/08/24	03/08/24
Bromoform	ND		ug/Kg	5.0	03/08/24	03/08/24
Isopropylbenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	03/08/24	03/08/24

Batch QC

QC1134771 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylbenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
Bromobenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
2-Chlorotoluene	ND		ug/Kg	5.0	03/08/24	03/08/24
4-Chlorotoluene	ND		ug/Kg	5.0	03/08/24	03/08/24
tert-Butylbenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
sec-Butylbenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
n-Butylbenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
Hexachlorobutadiene	ND		ug/Kg	5.0	03/08/24	03/08/24
Naphthalene	ND		ug/Kg	5.0	03/08/24	03/08/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	03/08/24	03/08/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	03/08/24	03/08/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	03/08/24	03/08/24
Xylene (total)	ND		ug/Kg	5.0	03/08/24	03/08/24
Surrogates				Limits		
Dibromofluoromethane	101%		%REC	70-130	03/08/24	03/08/24
1,2-Dichloroethane-d4	102%		%REC	70-145	03/08/24	03/08/24
Toluene-d8	96%		%REC	70-145	03/08/24	03/08/24
Bromofluorobenzene	106%		%REC	70-145	03/08/24	03/08/24

Type: Matrix Spike	Lab ID: QC1134803	Batch: 334879
Matrix (Source ID): Soil (503179-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1134803 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	46.68	ND	50.00	ug/Kg	93%		70-141	1
MTBE	42.92	ND	50.00	ug/Kg	86%		59-130	1
Benzene	43.78	ND	50.00	ug/Kg	88%		70-130	1
Trichloroethene	43.45	ND	50.00	ug/Kg	87%		69-130	1
Toluene	41.78	ND	50.00	ug/Kg	84%		70-130	1
Chlorobenzene	43.38	ND	50.00	ug/Kg	87%		70-130	1
Surrogates								
Dibromofluoromethane	55.19		50.00	ug/Kg	110%		70-145	1
1,2-Dichloroethane-d4	51.49		50.00	ug/Kg	103%		70-145	1
Toluene-d8	49.14		50.00	ug/Kg	98%		70-145	1
Bromofluorobenzene	53.02		50.00	ug/Kg	106%		70-145	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1134804	Batch: 334879
Matrix (Source ID): Soil (503179-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1134804 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	46.42	ND	50.00	ug/Kg	93%		70-141	1	43	1
MTBE	43.00	ND	50.00	ug/Kg	86%		59-130	0	30	1
Benzene	43.79	ND	50.00	ug/Kg	88%		70-130	0	30	1
Trichloroethene	42.65	ND	50.00	ug/Kg	85%		69-130	2	30	1
Toluene	41.14	ND	50.00	ug/Kg	82%		70-130	2	30	1
Chlorobenzene	42.43	ND	50.00	ug/Kg	85%		70-130	2	30	1
Surrogates										
Dibromofluoromethane	55.88		50.00	ug/Kg	112%		70-145			1
1,2-Dichloroethane-d4	52.80		50.00	ug/Kg	106%		70-145			1
Toluene-d8	48.32		50.00	ug/Kg	97%		70-145			1
Bromofluorobenzene	53.56		50.00	ug/Kg	107%		70-145			1

Batch QC

Type: Blank	Lab ID: QC1134615	Batch: 334786
Matrix: Soil		

QC1134615 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8270C-SIM						
Prep Method: EPA 3546						
1-Methylnaphthalene	ND		ug/Kg	10	03/07/24	03/07/24
2-Methylnaphthalene	ND		ug/Kg	10	03/07/24	03/07/24
Naphthalene	ND		ug/Kg	10	03/07/24	03/07/24
Acenaphthylene	ND		ug/Kg	10	03/07/24	03/07/24
Acenaphthene	ND		ug/Kg	10	03/07/24	03/07/24
Fluorene	ND		ug/Kg	10	03/07/24	03/07/24
Phenanthrene	ND		ug/Kg	10	03/07/24	03/07/24
Anthracene	ND		ug/Kg	10	03/07/24	03/07/24
Fluoranthene	ND		ug/Kg	10	03/07/24	03/07/24
Pyrene	ND		ug/Kg	10	03/07/24	03/07/24
Benzo(a)anthracene	ND		ug/Kg	10	03/07/24	03/07/24
Chrysene	ND		ug/Kg	10	03/07/24	03/07/24
Benzo(b)fluoranthene	ND		ug/Kg	10	03/07/24	03/07/24
Benzo(k)fluoranthene	ND		ug/Kg	10	03/07/24	03/07/24
Benzo(a)pyrene	ND		ug/Kg	10	03/07/24	03/07/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	03/07/24	03/07/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	03/07/24	03/07/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	03/07/24	03/07/24
Surrogates				Limits		
Nitrobenzene-d5	65%		%REC	27-125	03/07/24	03/07/24
2-Fluorobiphenyl	64%		%REC	30-120	03/07/24	03/07/24
Terphenyl-d14	70%		%REC	33-155	03/07/24	03/07/24
Method: EPA 8270C						
Prep Method: EPA 3546						
Carbazole	ND		ug/Kg	250	03/07/24	03/07/24
1-Methylnaphthalene	ND		ug/Kg	250	03/07/24	03/07/24
Pyridine	ND		ug/Kg	250	03/07/24	03/07/24
N-Nitrosodimethylamine	ND		ug/Kg	250	03/07/24	03/07/24
Phenol	ND		ug/Kg	250	03/07/24	03/07/24
Aniline	ND		ug/Kg	250	03/07/24	03/07/24
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	03/07/24	03/07/24
2-Chlorophenol	ND		ug/Kg	250	03/07/24	03/07/24
1,3-Dichlorobenzene	ND		ug/Kg	250	03/07/24	03/07/24
1,4-Dichlorobenzene	ND		ug/Kg	250	03/07/24	03/07/24
Benzyl alcohol	ND		ug/Kg	250	03/07/24	03/07/24
1,2-Dichlorobenzene	ND		ug/Kg	250	03/07/24	03/07/24
2-Methylphenol	ND		ug/Kg	250	03/07/24	03/07/24
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	03/07/24	03/07/24
3-,4-Methylphenol	ND		ug/Kg	400	03/07/24	03/07/24
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	03/07/24	03/07/24
Hexachloroethane	ND		ug/Kg	250	03/07/24	03/07/24
Nitrobenzene	ND		ug/Kg	1,200	03/07/24	03/07/24
Isophorone	ND		ug/Kg	250	03/07/24	03/07/24
2-Nitrophenol	ND		ug/Kg	250	03/07/24	03/07/24
2,4-Dimethylphenol	ND		ug/Kg	250	03/07/24	03/07/24

Batch QC

QC1134615 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Benzoic acid	ND		ug/Kg	1,200	03/07/24	03/07/24
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	03/07/24	03/07/24
2,4-Dichlorophenol	ND		ug/Kg	250	03/07/24	03/07/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	03/07/24	03/07/24
4-Chloroaniline	ND		ug/Kg	250	03/07/24	03/07/24
Hexachlorobutadiene	ND		ug/Kg	250	03/07/24	03/07/24
4-Chloro-3-methylphenol	ND		ug/Kg	250	03/07/24	03/07/24
2-Methylnaphthalene	ND		ug/Kg	250	03/07/24	03/07/24
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	03/07/24	03/07/24
2,4,6-Trichlorophenol	ND		ug/Kg	250	03/07/24	03/07/24
2,4,5-Trichlorophenol	ND		ug/Kg	250	03/07/24	03/07/24
2-Chloronaphthalene	ND		ug/Kg	250	03/07/24	03/07/24
2-Nitroaniline	ND		ug/Kg	250	03/07/24	03/07/24
Dimethylphthalate	ND		ug/Kg	250	03/07/24	03/07/24
2,6-Dinitrotoluene	ND		ug/Kg	250	03/07/24	03/07/24
3-Nitroaniline	ND		ug/Kg	250	03/07/24	03/07/24
2,4-Dinitrophenol	ND		ug/Kg	1,200	03/07/24	03/07/24
4-Nitrophenol	ND		ug/Kg	250	03/07/24	03/07/24
Dibenzofuran	ND		ug/Kg	250	03/07/24	03/07/24
2,4-Dinitrotoluene	ND		ug/Kg	250	03/07/24	03/07/24
Diethylphthalate	ND		ug/Kg	250	03/07/24	03/07/24
4-Chlorophenyl-phenylether	ND		ug/Kg	250	03/07/24	03/07/24
4-Nitroaniline	ND		ug/Kg	250	03/07/24	03/07/24
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	03/07/24	03/07/24
N-Nitrosodiphenylamine	ND		ug/Kg	250	03/07/24	03/07/24
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	03/07/24	03/07/24
4-Bromophenyl-phenylether	ND		ug/Kg	250	03/07/24	03/07/24
Hexachlorobenzene	ND		ug/Kg	250	03/07/24	03/07/24
Pentachlorophenol	ND		ug/Kg	1,200	03/07/24	03/07/24
Di-n-butylphthalate	ND		ug/Kg	250	03/07/24	03/07/24
Benzidine	ND		ug/Kg	1,200	03/07/24	03/07/24
Butylbenzylphthalate	ND		ug/Kg	250	03/07/24	03/07/24
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	03/07/24	03/07/24
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	03/07/24	03/07/24
Di-n-octylphthalate	ND		ug/Kg	250	03/07/24	03/07/24
Surrogates				Limits		
2-Fluorophenol	93%		%REC	29-120	03/07/24	03/07/24
Phenol-d6	97%		%REC	30-120	03/07/24	03/07/24
2,4,6-Tribromophenol	93%		%REC	32-120	03/07/24	03/07/24
Nitrobenzene-d5	92%		%REC	33-120	03/07/24	03/07/24
2-Fluorobiphenyl	91%		%REC	39-120	03/07/24	03/07/24
Terphenyl-d14	88%		%REC	44-125	03/07/24	03/07/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1134616	Batch: 334786
Matrix: Soil	Method: EPA 8270C	Prep Method: EPA 3546

QC1134616 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	3,960	3731	ug/Kg	106%		42-120
2-Chlorophenol	3,710	3731	ug/Kg	99%		41-120
1,4-Dichlorobenzene	3,967	3731	ug/Kg	106%		36-120
3-,4-Methylphenol	4,201	3731	ug/Kg	113%		42-120
N-Nitroso-di-n-propylamine	4,134	3731	ug/Kg	111%		43-121
2,4-Dimethylphenol	3,133	3731	ug/Kg	84%		25-120
1,2,4-Trichlorobenzene	3,771	3731	ug/Kg	101%		38-120
4-Chloro-3-methylphenol	4,090	3731	ug/Kg	110%		40-125
2,4,5-Trichlorophenol	4,032	3731	ug/Kg	108%		40-124
4-Nitrophenol	3,562	3731	ug/Kg	95%		24-128
2,4-Dinitrotoluene	4,450	3731	ug/Kg	119%		40-131
Pentachlorophenol	3,395	3731	ug/Kg	91%		35-120
Surrogates						
2-Fluorophenol	1,969	1990	ug/Kg	99%		29-120
Phenol-d6	2,125	1990	ug/Kg	107%		30-120
2,4,6-Tribromophenol	2,083	1990	ug/Kg	105%		32-120
Nitrobenzene-d5	2,114	1990	ug/Kg	106%		33-120
2-Fluorobiphenyl	2,029	1990	ug/Kg	102%		39-120
Terphenyl-d14	1,787	1990	ug/Kg	90%		44-125

Type: Matrix Spike	Lab ID: QC1134617	Batch: 334786
Matrix (Source ID): Soil (503133-005)	Method: EPA 8270C	Prep Method: EPA 3546

QC1134617 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,542	ND	3750	ug/Kg	94%		37-120	10
2-Chlorophenol	3,518	ND	3750	ug/Kg	94%		33-120	10
1,4-Dichlorobenzene	4,031	ND	3750	ug/Kg	107%		32-120	10
3-,4-Methylphenol	3,815	ND	3750	ug/Kg	102%		37-120	10
N-Nitroso-di-n-propylamine	3,614	ND	3750	ug/Kg	96%		32-120	10
2,4-Dimethylphenol	2,911	ND	3750	ug/Kg	78%		32-120	10
1,2,4-Trichlorobenzene	4,129	ND	3750	ug/Kg	110%		33-120	10
4-Chloro-3-methylphenol	4,343	ND	3750	ug/Kg	116%		41-121	10
2,4,5-Trichlorophenol	4,206	ND	3750	ug/Kg	112%		40-120	10
4-Nitrophenol	3,503	ND	3750	ug/Kg	93%		20-141	10
2,4-Dinitrotoluene	3,612	ND	3750	ug/Kg	96%		33-128	10
Pentachlorophenol	5,699	ND	3750	ug/Kg		DO	28-132	10
Surrogates								
2-Fluorophenol	1,816		2000	ug/Kg	91%		29-120	10
Phenol-d6	1,959		2000	ug/Kg	98%		30-120	10
2,4,6-Tribromophenol	2,121		2000	ug/Kg	106%		32-120	10
Nitrobenzene-d5	1,847		2000	ug/Kg	92%		33-120	10
2-Fluorobiphenyl	2,258		2000	ug/Kg	113%		39-120	10
Terphenyl-d14	2,115		2000	ug/Kg	106%		44-125	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1134618	Batch: 334786
Matrix (Source ID): Soil (503133-005)	Method: EPA 8270C	Prep Method: EPA 3546

QC1134618 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,588	ND	3750	ug/Kg	96%		37-120	1	49	10
2-Chlorophenol	3,445	ND	3750	ug/Kg	92%		33-120	2	52	10
1,4-Dichlorobenzene	3,929	ND	3750	ug/Kg	105%		32-120	3	50	10
3-,4-Methylphenol	3,687	ND	3750	ug/Kg	98%		37-120	3	54	10
N-Nitroso-di-n-propylamine	3,619	ND	3750	ug/Kg	96%		32-120	0	50	10
2,4-Dimethylphenol	2,806	ND	3750	ug/Kg	75%		32-120	4	50	10
1,2,4-Trichlorobenzene	3,781	ND	3750	ug/Kg	101%		33-120	9	50	10
4-Chloro-3-methylphenol	3,686	ND	3750	ug/Kg	98%		41-121	16	43	10
2,4,5-Trichlorophenol	3,934	ND	3750	ug/Kg	105%		40-120	7	47	10
4-Nitrophenol	3,271	ND	3750	ug/Kg	87%		20-141	7	30	10
2,4-Dinitrotoluene	3,116	ND	3750	ug/Kg	83%		33-128	15	50	10
Pentachlorophenol	5,331	ND	3750	ug/Kg		DO	28-132		30	10
Surrogates										
2-Fluorophenol	1,829		2000	ug/Kg	91%		29-120			10
Phenol-d6	1,970		2000	ug/Kg	99%		30-120			10
2,4,6-Tribromophenol	1,911		2000	ug/Kg	96%		32-120			10
Nitrobenzene-d5	1,929		2000	ug/Kg	96%		33-120			10
2-Fluorobiphenyl	1,976		2000	ug/Kg	99%		39-120			10
Terphenyl-d14	2,037		2000	ug/Kg	102%		44-125			10

Batch QC

Type: Lab Control Sample	Lab ID: QC1134619	Batch: 334786
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1134619 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	98.20	201.0	ug/Kg	49%		28-130
2-Methylnaphthalene	97.37	201.0	ug/Kg	48%		33-130
Naphthalene	98.59	201.0	ug/Kg	49%		25-130
Acenaphthylene	98.09	201.0	ug/Kg	49%		28-130
Acenaphthene	91.93	201.0	ug/Kg	46%		32-130
Fluorene	99.07	201.0	ug/Kg	49%		35-130
Phenanthrene	95.80	201.0	ug/Kg	48%		35-132
Anthracene	97.12	201.0	ug/Kg	48%		34-136
Fluoranthene	100.8	201.0	ug/Kg	50%		34-139
Pyrene	99.17	201.0	ug/Kg	49%		35-134
Benzo(a)anthracene	98.24	201.0	ug/Kg	49%		30-132
Chrysene	96.43	201.0	ug/Kg	48%		29-130
Benzo(b)fluoranthene	93.69	201.0	ug/Kg	47%		32-137
Benzo(k)fluoranthene	101.5	201.0	ug/Kg	51%		32-130
Benzo(a)pyrene	82.14	201.0	ug/Kg	41%		10-138
Indeno(1,2,3-cd)pyrene	99.46	201.0	ug/Kg	49%		34-132
Dibenz(a,h)anthracene	92.03	201.0	ug/Kg	46%		32-130
Benzo(g,h,i)perylene	86.49	201.0	ug/Kg	43%		27-130
Surrogates						
Nitrobenzene-d5	111.0	201.0	ug/Kg	55%		27-125
2-Fluorobiphenyl	102.6	201.0	ug/Kg	51%		30-120
Terphenyl-d14	103.0	201.0	ug/Kg	51%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1134624	Batch: 334786
Matrix (Source ID): Soil (503133-006)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1134624 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	162.3	ND	201.0	ug/Kg	81%		25-130	10
2-Methylnaphthalene	155.8	ND	201.0	ug/Kg	77%		32-133	10
Naphthalene	156.3	ND	201.0	ug/Kg	78%		33-130	10
Acenaphthylene	157.8	ND	201.0	ug/Kg	78%		14-157	10
Acenaphthene	150.2	ND	201.0	ug/Kg	75%		28-134	10
Fluorene	159.6	ND	201.0	ug/Kg	79%		27-140	10
Phenanthrene	170.9	23.96	201.0	ug/Kg	73%		29-147	10
Anthracene	165.9	ND	201.0	ug/Kg	83%		24-156	10
Fluoranthene	217.5	79.01	201.0	ug/Kg	69%		28-160	10
Pyrene	210.0	69.62	201.0	ug/Kg	70%		26-153	10
Benzo(a)anthracene	182.9	27.22	201.0	ug/Kg	77%		26-174	10
Chrysene	200.0	47.41	201.0	ug/Kg	76%		40-139	10
Benzo(b)fluoranthene	184.2	43.98	201.0	ug/Kg	70%		36-164	10
Benzo(k)fluoranthene	180.1	16.52	201.0	ug/Kg	81%		36-161	10
Benzo(a)pyrene	147.1	20.79	201.0	ug/Kg	63%		18-173	10
Indeno(1,2,3-cd)pyrene	157.4	ND	201.0	ug/Kg	78%		26-154	10
Dibenz(a,h)anthracene	135.9	ND	201.0	ug/Kg	68%		38-132	10
Benzo(g,h,i)perylene	145.0	ND	201.0	ug/Kg	72%		36-130	10
Surrogates								
Nitrobenzene-d5	176.8		201.0	ug/Kg	88%		27-125	10
2-Fluorobiphenyl	161.5		201.0	ug/Kg	80%		30-120	10
Terphenyl-d14	155.1		201.0	ug/Kg	77%		33-155	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1134625	Batch: 334786
Matrix (Source ID): Soil (503133-006)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1134625 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	147.2	ND	202.0	ug/Kg	73%		25-130	10	35	10
2-Methylnaphthalene	143.9	ND	202.0	ug/Kg	71%		32-133	8	35	10
Naphthalene	143.0	ND	202.0	ug/Kg	71%		33-130	9	35	10
Acenaphthylene	142.2	ND	202.0	ug/Kg	70%		14-157	11	35	10
Acenaphthene	138.7	ND	202.0	ug/Kg	69%		28-134	9	35	10
Fluorene	146.5	ND	202.0	ug/Kg	73%		27-140	9	35	10
Phenanthrene	163.6	23.96	202.0	ug/Kg	69%		29-147	5	35	10
Anthracene	152.5	ND	202.0	ug/Kg	75%		24-156	9	35	10
Fluoranthene	214.1	79.01	202.0	ug/Kg	67%		28-160	2	35	10
Pyrene	204.4	69.62	202.0	ug/Kg	67%		26-153	3	35	10
Benzo(a)anthracene	173.2	27.22	202.0	ug/Kg	72%		26-174	6	35	10
Chrysene	187.7	47.41	202.0	ug/Kg	69%		40-139	7	35	10
Benzo(b)fluoranthene	176.1	43.98	202.0	ug/Kg	65%		36-164	5	35	10
Benzo(k)fluoranthene	163.6	16.52	202.0	ug/Kg	73%		36-161	10	35	10
Benzo(a)pyrene	136.3	20.79	202.0	ug/Kg	57%		18-173	8	35	10
Indeno(1,2,3-cd)pyrene	150.2	ND	202.0	ug/Kg	74%		26-154	5	35	10
Dibenz(a,h)anthracene	119.7	ND	202.0	ug/Kg	59%		38-132	13	35	10
Benzo(g,h,i)perylene	139.3	ND	202.0	ug/Kg	69%		36-130	4	35	10
Surrogates										
Nitrobenzene-d5	155.4		202.0	ug/Kg	77%		27-125			10
2-Fluorobiphenyl	149.8		202.0	ug/Kg	74%		30-120			10
Terphenyl-d14	141.9		202.0	ug/Kg	70%		33-155			10

Type: Sample Duplicate	Lab ID: QC1134670	Batch: 334855
Matrix (Source ID): Soil (503547-001)	Method: EPA 9045C	

QC1134670 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	9.240	9.300	SU		1	20	1
Temperature	21.10	21.00	deg C		0	20	1

* Value is outside QC limits
 DO Diluted Out
 ND Not Detected

Laboratory Job Number 503179

Subcontracted Products

American Environmental Testing



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2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

March 08, 2024

AETL Job No: BFB0139
Received Date: 02/28/2024
Project Number: EO-503179

Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868
Telephone: (714) 771-9930

Attention: Patty Mata

Project Name: EO-503179

Site:

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Daljit Khangura
Laboratory Director

Table of Contents

Client Project Name: OPP & Herbicide Project Number: EO-503179
Work Order Number: BFB0139

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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFB0139
Project Number: EO-503179
Attention: Patty Mata
Project Name: EO-503179

Reported: 03/08/2024 16:17

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 3.6 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Subcontract Laboratory:

 American Environmental Testing
 2840 N Naomi Street
 Burbank, CA 91504-2023
 ATTN: Hailley Coleman
 PO #: Required, to be sent via email

Enthalpy Order: EO-503179

 PM: Patty Mata
 Email: patty.mata@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-6900

Results Due: Standard TAT

Report Level: II

Report To: RL

 EDDs: Standard Excel Transfer File (3 tab xls: SAMPPATE, QC DATA,
 LNOTE)

BFB0139
Notes:

Need both 8141 & 8151 tests.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SPH01-35.0	26-FEB-2024 08:18	503179-001	1	Soil	Organophosphorus Pesticides	<i>BFB0139-01</i>
				Soil	EPA 8151A Chlorinated Herbicides	
SPH01-45.0	26-FEB-2024 08:51	503179-002	1	Soil	Organophosphorus Pesticides	<i>02</i>
				Soil	EPA 8151A Chlorinated Herbicides	
SPH04-35.0	26-FEB-2024 09:45	503179-003	1	Soil	Organophosphorus Pesticides	<i>03</i>
				Soil	EPA 8151A Chlorinated Herbicides	
SPH04-45.0	26-FEB-2024 10:11	503179-004	1	Soil	Organophosphorus Pesticides	<i>04</i>
				Soil	EPA 8151A Chlorinated Herbicides	

Notes:
Relinquished By:
Received By:
Sargis Pirch
 Date: *2/28/24* 1230

AGH Greful
 Date: *02-28-24* 12:30

Date:

Date:

Date:

Date:



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COOLER RECEIPT FORM

Client Name: Enthalpy Analytical				
Project Name: OPP & Herbicides			Project No.: EO-503179	
AETL Job Number: BFB0139				
Date Received: 02/28/2024		Received by: Areg G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (1) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: 3.6 °C IR Gun S/N: 51941909MV				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No*	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers intact and in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
12. Are there any samples with short hold times?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager (PM). The PM will contact the client for Analyze or Resample instructions.

* For samples generating a “No” answer, the Project Manager is notified, and the PM will contact the client for Analyze or Resample instructions.



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFB0139
Project Number: EO-503179
Attention: Patty Mata
Project Name: EO-503179

Reported: 03/08/2024 16:17

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
--	---	----------------------------

Samples Received

AETL received the following samples on 02/28/2024 with the following specifications

Client ID	Sample Date	
SPH01-35.0	02/26/2024 8:18	
Lab ID	Matrix	Quantity of Containers
BFB0139-01	Soil	1
Analysis	Units	TAT
EPA 8141A	mg/kg	5
EPA 8151A	mg/kg	5
Client ID	Sample Date	
SPH01-45.0	02/26/2024 8:51	
Lab ID	Matrix	Quantity of Containers
BFB0139-02	Soil	1
Analysis	Units	TAT
EPA 8141A	mg/kg	5
EPA 8151A	mg/kg	5
Client ID	Sample Date	
SPH04-35.0	02/26/2024 9:45	
Lab ID	Matrix	Quantity of Containers
BFB0139-03	Soil	1
Analysis	Units	TAT
EPA 8141A	mg/kg	5
EPA 8151A	mg/kg	5



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Samples Received

(Continued)

AETL received the following samples on 02/28/2024 with the following specifications

Client ID	Sample Date	
SPH04-45.0	02/26/2024 10:11	
Lab ID	Matrix	Quantity of Containers
BFB0139-04	Soil	1
Analysis	Units	TAT
EPA 8141A	mg/kg	5
EPA 8151A	mg/kg	5
Total Number of Samples received:		4



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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFB0139
Project Number: EO-503179
Attention: Patty Mata
Project Name: EO-503179

Reported: 03/08/2024 16:17

Positive Hits Summary

Lab ID	Client ID					Sampled
Method	Analyte	Result	Qualifier	Unit	Analyzed	

No positive results reported



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Analytical Results

Client ID: SPH01-35.0

Lab ID: BFB0139-01 (Soil)

Sampled: 02/26/24 8:18

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Malathion	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Merphos	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Naled	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	65.6%	50-150	03/05/24 16:30	03/07/24 17:12	B4C0072	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Analytical Results

Client ID: SPH01-35.0

Lab ID: BFB0139-01 (Soil)

Sampled: 02/26/24 8:18

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
MCPA	ND		1	0.250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
MCPP	ND		1	0.250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
Picloram	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B
<hr/>										
	Recovery			Acceptance Criteria						
Surrogate: DCAA	16.4%	S6		25-140		03/01/24 12:33	03/04/24 23:42	B4C0015	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Analytical Results

Client ID: SPH01-45.0

Lab ID: BFB0139-02 (Soil)

Sampled: 02/26/24 8:51

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Bolstar (Sulprofos)	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Chloropyrifos (Dursban)	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Coumaphos	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Demeton-O & S	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Diazinon	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Disulfoton	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Ethoprop	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Fensulfothion	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Fenthion	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Malathion	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Merphos	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Mevinphos	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Naled	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Ronnel	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Tokuthion (Prothiofos)	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
Trichloronate	ND	D	5	0.100	mg/kg	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541

Recovery Acceptance Criteria

Surrogate: Tributylphosphate	66.4% D	50-150	03/05/24 16:30	03/07/24 17:45	B4C0072	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Analytical Results

Client ID: SPH01-45.0

Lab ID: BFB0139-02 (Soil)

Sampled: 02/26/24 8:51

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
MCPA	ND		1	0.250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
MCPP	ND		1	0.250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
Picloram	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B
<hr/>										
	Recovery			Acceptance Criteria						
Surrogate: DCAA	26.3%			25-140		03/01/24 12:33	03/05/24 00:11	B4C0015	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Analytical Results

Client ID: SPH04-35.0

Lab ID: BFB0139-03 (Soil)

Sampled: 02/26/24 9:45

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Bolstar (Sulprofos)	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Chloropyrifos (Dursban)	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Coumaphos	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Demeton-O & S	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Diazinon	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Disulfoton	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Ethoprop	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Fensulfothion	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Fenthion	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Malathion	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Merphos	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Methyl parathion (Parathion methyl)	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Mevinphos	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Naled	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Phorate (Phosphorodithioic acid)	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Ronnel	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Tetrachlorvinphos (Stirophos)	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Tokuthion (Prothiofos)	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
Trichloronate	ND	D	2	0.0400	mg/kg	03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541

Recovery
69.9% D

Acceptance Criteria
50-150

Surrogate: Tributylphosphate						03/05/24 16:30	03/07/24 18:18	B4C0072	TTN	3541
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Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Analytical Results

Client ID: SPH04-35.0

Lab ID: BFB0139-03 (Soil)

Sampled: 02/26/24 9:45

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
MCPA	ND		1	0.250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
MCPP	ND		1	0.250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
Picloram	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	32.2%			25-140		03/01/24 12:33	03/05/24 00:40	B4C0015	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Analytical Results

Client ID: SPH04-45.0

Lab ID: BFB0139-04 (Soil)

Sampled: 02/26/24 10:11

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organophosphorus Pesticides

Method: EPA 8141A

Azinphos-methyl	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Bolstar (Sulprofos)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Chloropyrifos (Dursban)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Coumaphos	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Demeton-O & S	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Diazinon	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Dichlorvos (DDVP, Diclorovos)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Disulfoton	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Ethoprop	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Fensulfothion	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Fenthion	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Malathion	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Merphos	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Methyl parathion (Parathion methyl)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Mevinphos	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Naled	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Phorate (Phosphorodithioic acid)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Ronnel	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Tetrachlorvinphos (Stirophos)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Tokuthion (Prothiofos)	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541
Trichloronate	ND		1	0.0200	mg/kg	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541

	Recovery	Acceptance Criteria								
Surrogate: Tributylphosphate	61.7%	50-150	03/05/24 16:30	03/07/24 18:51	B4C0072	TTN	3541			

Chlorinated Herbicides

Method: EPA 8151A

Acifluorfen	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
Bentazon	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
Chloramben	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
2,4-D	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
2,4-DB	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
DCPA diacid	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B

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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Analytical Results

Client ID: SPH04-45.0

Lab ID: BFB0139-04 (Soil)

Sampled: 02/26/24 10:11

Analyte	Result	Qualifier	Dilution	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Chlorinated Herbicides (Continued)										
Dalapon	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
Dicamba	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
3,5-Dichlorobenzoic acid	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
Dichloroprop	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
Dinoseb	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
MCPA	ND		1	0.250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
MCPP	ND		1	0.250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
4-Nitrophenol	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
Pentachlorophenol (PCP)	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
Picloram	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
2,4,5-TP	ND		1	0.00250	mg/kg	03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B
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	Recovery			Acceptance Criteria						
Surrogate: DCAA	33.9%			25-140		03/01/24 12:33	03/05/24 01:08	B4C0015	KF	3550B



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4C0072 - 3541				Prepared: 03/05/2024 16:30						
Method Blank (B4C0072-BLK1)				Analyzed: 03/07/2024 16:38						
Azinphos-methyl	ND	0.0200	mg/kg							
Bolstar (Sulprofos)	ND	0.0200	mg/kg							
Chloropyrifos (Dursban)	ND	0.0200	mg/kg							
Coumaphos	ND	0.0200	mg/kg							
Demeton-O & S	ND	0.0200	mg/kg							
Diazinon	ND	0.0200	mg/kg							
Dichlorvos (DDVP, Diclorovos)	ND	0.0200	mg/kg							
Disulfoton	ND	0.0200	mg/kg							
Ethoprop	ND	0.0200	mg/kg							
Fensulfothion	ND	0.0200	mg/kg							
Fenthion	ND	0.0200	mg/kg							
Malathion	ND	0.0200	mg/kg							
Merphos	ND	0.0200	mg/kg							
Methyl parathion (Parathion methyl)	ND	0.0200	mg/kg							
Mevinphos	ND	0.0200	mg/kg							
Naled	ND	0.0200	mg/kg							
Phorate (Phosphorodithioic acid)	ND	0.0200	mg/kg							
Ronnel	ND	0.0200	mg/kg							
Tetrachlorvinphos (Stirophos)	ND	0.0200	mg/kg							
Tokuthion (Prothiofos)	ND	0.0200	mg/kg							
Trichloronate	ND	0.0200	mg/kg							
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Surrogate: Tributylphosphate	0.108		mg/kg	0.167		64.8	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4C0072 - 3541 (Continued)				Prepared: 03/05/2024 16:30						
LCS (B4C0072-BS1)				Analyzed: 03/07/2024 14:27						
Azinphos-methyl	0.0649	0.0200	mg/kg	0.133		48.7	30-150			
Bolstar (Sulprofos)	0.0792	0.0200	mg/kg	0.133		59.4	30-150			
Chloropyrifos (Dursban)	0.0850	0.0200	mg/kg	0.133		63.7	30-150			
Coumaphos	0.0687	0.0200	mg/kg	0.133		51.6	30-150			
Demeton-O & S	0.0218	0.0200	mg/kg	0.133		16.3	20-150			BS
Diazinon	0.0798	0.0200	mg/kg	0.133		59.8	30-150			
Dichlorvos (DDVP, Diclorovos)	0.0604	0.0200	mg/kg	0.133		45.3	30-150			
Disulfoton	0.0795	0.0200	mg/kg	0.133		59.7	30-150			
Ethoprop	0.0709	0.0200	mg/kg	0.133		53.2	30-150			
Fensulfothion	0.0553	0.0200	mg/kg	0.133		41.5	30-150			
Fenthion	0.0783	0.0200	mg/kg	0.133		58.7	30-150			
Malathion	0.0653	0.0200	mg/kg	0.133		49.0	30-150			
Merphos	0.0718	0.0200	mg/kg	0.133		53.9	30-150			
Methyl parathion (Parathion methyl)	0.0570	0.0200	mg/kg	0.133		42.7	30-150			
Mevinphos	0.0669	0.0200	mg/kg	0.133		50.2	30-150			
Naled	0.0425	0.0200	mg/kg	0.133		31.9	30-150			
Phorate (Phosphorodithioic acid)	0.0834	0.0200	mg/kg	0.133		62.6	30-150			
Ronnel	0.0889	0.0200	mg/kg	0.133		66.7	30-150			
Tetrachlorvinphos (Stirophos)	0.0635	0.0200	mg/kg	0.133		47.6	30-150			
Tokuthion (Prothiofos)	0.0882	0.0200	mg/kg	0.133		66.2	30-150			
Trichloronate	0.0838	0.0200	mg/kg	0.133		62.8	30-150			
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Surrogate: Tributylphosphate	0.121		mg/kg	0.167		72.5	50-150			

LCSD (B4C0072-BSD1)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
				Analyzed: 03/07/2024 15:00						
Azinphos-methyl	0.0714	0.0200	mg/kg	0.133		53.5	30-150	9.51	40	
Bolstar (Sulprofos)	0.0861	0.0200	mg/kg	0.133		64.5	30-150	8.32	40	
Chloropyrifos (Dursban)	0.0913	0.0200	mg/kg	0.133		68.4	30-150	7.15	40	
Coumaphos	0.0767	0.0200	mg/kg	0.133		57.5	30-150	10.9	40	
Demeton-O & S	0.0256	0.0200	mg/kg	0.133		19.2	20-150	16.1	40	BS
Diazinon	0.0846	0.0200	mg/kg	0.133		63.4	30-150	5.84	40	
Dichlorvos (DDVP, Diclorovos)	0.0638	0.0200	mg/kg	0.133		47.8	30-150	5.40	40	
Disulfoton	0.0843	0.0200	mg/kg	0.133		63.2	30-150	5.76	40	
Ethoprop	0.0750	0.0200	mg/kg	0.133		56.2	30-150	5.57	40	
Fensulfothion	0.0621	0.0200	mg/kg	0.133		46.6	30-150	11.6	40	
Fenthion	0.0847	0.0200	mg/kg	0.133		63.5	30-150	7.91	40	
Malathion	0.0697	0.0200	mg/kg	0.133		52.3	30-150	6.49	40	
Merphos	0.0669	0.0200	mg/kg	0.133		50.2	30-150	7.14	40	
Methyl parathion (Parathion methyl)	0.0618	0.0200	mg/kg	0.133		46.4	30-150	8.13	40	
Mevinphos	0.0717	0.0200	mg/kg	0.133		53.8	30-150	6.99	40	
Naled	0.0496	0.0200	mg/kg	0.133		37.2	30-150	15.3	40	
Phorate (Phosphorodithioic acid)	0.0880	0.0200	mg/kg	0.133		66.0	30-150	5.32	40	

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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4C0072 - 3541 (Continued)										
LCSD (B4C0072-BSD1)				Prepared: 03/05/2024 16:30						
				Analyzed: 03/07/2024 15:00						
Ronnel	0.0941	0.0200	mg/kg	0.133		70.6	30-150	5.65	40	
Tetrachlorvinphos (Stirophos)	0.0690	0.0200	mg/kg	0.133		51.7	30-150	8.26	40	
Tokuthion (Prothiofos)	0.0955	0.0200	mg/kg	0.133		71.6	30-150	7.89	40	
Trichloronate	0.0903	0.0200	mg/kg	0.133		67.7	30-150	7.50	40	

Surrogate: Tributylphosphate	0.128		mg/kg	0.167		76.5	50-150			

Matrix Spike (B4C0072-MS1)	Source: BFB0139-01			Analyzed: 03/07/2024 15:33						
Azinphos-methyl	0.0569	0.0200	mg/kg	0.132	ND	43.2	5-150			
Bolstar (Sulprofos)	0.0775	0.0200	mg/kg	0.132	ND	58.8	50-150			
Chloropyrifos (Dursban)	0.0839	0.0200	mg/kg	0.132	ND	63.7	5-150			
Coumaphos	0.0666	0.0200	mg/kg	0.132	ND	50.6	5-150			
Demeton-O & S	0.0256	0.0200	mg/kg	0.132	ND	19.5	5-150			
Diazinon	0.0793	0.0200	mg/kg	0.132	ND	60.2	5-150			
Dichlorvos (DDVP, Diclorovos)	0.0540	0.0200	mg/kg	0.132	ND	41.0	5-150			
Disulfoton	0.0774	0.0200	mg/kg	0.132	ND	58.7	5-150			
Ethoprop	0.0664	0.0200	mg/kg	0.132	ND	50.4	50-150			
Fensulfothion	0.0439	0.0200	mg/kg	0.132	ND	33.3	5-150			
Fenthion	0.0749	0.0200	mg/kg	0.132	ND	56.8	5-150			
Malathion	0.0615	0.0200	mg/kg	0.132	ND	46.7	5-150			
Merphos	0.0799	0.0200	mg/kg	0.132	ND	60.7	5-150			
Methyl parathion (Parathion methyl)	0.0496	0.0200	mg/kg	0.132	ND	37.6	5-150			
Mevinphos	0.0521	0.0200	mg/kg	0.132	ND	39.6	5-150			
Naled	0.0401	0.0200	mg/kg	0.132	ND	30.5	5-150			
Phorate (Phosphorodithioic acid)	0.0799	0.0200	mg/kg	0.132	ND	60.6	50-150			
Ronnel	0.0905	0.0200	mg/kg	0.132	ND	68.7	50-150			
Tetrachlorvinphos (Stirophos)	0.0593	0.0200	mg/kg	0.132	ND	45.0	5-150			
Tokuthion (Prothiofos)	0.0899	0.0200	mg/kg	0.132	ND	68.3	5-150			
Trichloronate	0.0827	0.0200	mg/kg	0.132	ND	62.7	5-150			

Surrogate: Tributylphosphate	0.110		mg/kg	0.165		67.1	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Quality Control Results

Organophosphorus Pesticides (EPA 8141A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4C0072 - 3541 (Continued)										
Matrix Spike Dup (B4C0072-MSD1)		Source: BFB0139-01			Prepared: 03/05/2024 16:30					
					Analyzed: 03/07/2024 16:05					
Azinphos-methyl	0.0599	0.0200	mg/kg	0.132	ND	45.3	5-150	5.23	40	
Bolstar (Sulprofos)	0.0868	0.0200	mg/kg	0.132	ND	65.7	50-150	11.4	40	
Chloropyrifos (Dursban)	0.0935	0.0200	mg/kg	0.132	ND	70.7	5-150	10.8	40	
Coumaphos	0.0717	0.0200	mg/kg	0.132	ND	54.3	5-150	7.39	40	
Demeton-O & S	0.0339	0.0200	mg/kg	0.132	ND	25.7	5-150	27.9	40	
Diazinon	0.0867	0.0200	mg/kg	0.132	ND	65.6	5-150	8.82	40	
Dichlorvos (DDVP, Diclorovos)	0.0604	0.0200	mg/kg	0.132	ND	45.7	5-150	11.3	40	
Disulfoton	0.0832	0.0200	mg/kg	0.132	ND	62.9	5-150	7.22	40	
Ethoprop	0.0687	0.0200	mg/kg	0.132	ND	52.0	50-150	3.40	40	
Fensulfothion	0.0493	0.0200	mg/kg	0.132	ND	37.3	5-150	11.8	40	
Fenthion	0.0819	0.0200	mg/kg	0.132	ND	62.0	5-150	8.97	40	
Malathion	0.0695	0.0200	mg/kg	0.132	ND	52.5	5-150	12.2	40	
Merphos	0.0839	0.0200	mg/kg	0.132	ND	63.5	5-150	4.86	40	
Methyl parathion (Parathion methyl)	0.0567	0.0200	mg/kg	0.132	ND	42.9	5-150	13.3	40	
Mevinphos	0.0512	0.0200	mg/kg	0.132	ND	38.7	5-150	1.82	40	
Naled	0.0424	0.0200	mg/kg	0.132	ND	32.1	5-150	5.49	40	
Phorate (Phosphorodithioic acid)	0.0851	0.0200	mg/kg	0.132	ND	64.4	50-150	6.31	40	
Ronnel	0.0961	0.0200	mg/kg	0.132	ND	72.7	50-150	5.94	40	
Tetrachlorvinphos (Stirophos)	0.0665	0.0200	mg/kg	0.132	ND	50.3	5-150	11.5	40	
Tokuthion (Prothiofos)	0.0976	0.0200	mg/kg	0.132	ND	73.9	5-150	8.22	40	
Trichloronate	0.0918	0.0200	mg/kg	0.132	ND	69.5	5-150	10.5	40	
<hr/>										
Surrogate: Tributylphosphate	0.114		mg/kg	0.165		69.2	50-150			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4C0015 - 3550B				Prepared: 03/01/2024 12:33						
Method Blank (B4C0015-BLK1)				Analyzed: 03/04/2024 20:22						
Acifluorfen	ND	0.00250	mg/kg							
Bentazon	ND	0.00250	mg/kg							
Chloramben	ND	0.00250	mg/kg							
2,4-D	ND	0.00250	mg/kg							
2,4-DB	ND	0.00250	mg/kg							
DCPA diacid	ND	0.00250	mg/kg							
Dalapon	ND	0.00250	mg/kg							
Dicamba	ND	0.00250	mg/kg							
3,5-Dichlorobenzoic acid	ND	0.00250	mg/kg							
Dichloroprop	ND	0.00250	mg/kg							
Dinoseb	ND	0.00250	mg/kg							
MCPA	ND	0.250	mg/kg							
MCPP	ND	0.250	mg/kg							
4-Nitrophenol	ND	0.00250	mg/kg							
Pentachlorophenol (PCP)	ND	0.00250	mg/kg							
Picloram	ND	0.00250	mg/kg							
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	ND	0.00250	mg/kg							
2,4,5-TP	ND	0.00250	mg/kg							
<hr/>										
Surrogate: DCAA	0.0157		mg/kg	0.0250		62.9	25-140			



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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4C0015 - 3550B (Continued)				Prepared: 03/01/2024 12:33						
LCS (B4C0015-BS1)				Analyzed: 03/04/2024 18:27						
Acifluorfen	0.00829	0.00250	mg/kg	0.0125		66.3	40-140			
Bentazon	0.0137	0.00250	mg/kg	0.0125		109	40-140			
Chloramben	0.00990	0.00250	mg/kg	0.0125		79.2	20-150			
2,4-D	0.00652	0.00250	mg/kg	0.0125		52.1	40-140			
2,4-DB	0.00471	0.00250	mg/kg	0.0125		37.7	40-140			BS
DCPA diacid	0.00536	0.00250	mg/kg	0.0125		42.9	40-140			
Dalapon	0.0171	0.00250	mg/kg	0.0125		137	40-140			
Dicamba	0.00809	0.00250	mg/kg	0.0125		64.7	40-140			
3,5-Dichlorobenzoic acid	0.0109	0.00250	mg/kg	0.0125		87.3	40-140			
Dichloroprop	0.0147	0.00250	mg/kg	0.0125		117	40-140			
Dinoseb	0.00491	0.00250	mg/kg	0.0125		39.3	20-150			
MCPA	0.762	0.250	mg/kg	1.25		61.0	40-140			
MCPP	0.633	0.250	mg/kg	1.25		50.6	40-140			
4-Nitrophenol	0.0171	0.00250	mg/kg	0.0125		137	40-140			
Pentachlorophenol (PCP)	0.0101	0.00250	mg/kg	0.0125		80.5	40-140			
Picloram	0.00174	0.00250	mg/kg	0.0125		13.9	20-150			BS
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.0105	0.00250	mg/kg	0.0125		83.9	40-140			
2,4,5-TP	0.0114	0.00250	mg/kg	0.0125		91.3	40-140			
<i>Surrogate: DCAA</i>	<i>0.0167</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>67.0</i>	<i>25-140</i>			

LCSD (B4C0015-BSD1)				Analyzed: 03/04/2024 18:56						
Acifluorfen	0.00758	0.00250	mg/kg	0.0125		60.6	40-140	9.00	40	
Bentazon	0.0131	0.00250	mg/kg	0.0125		105	40-140	4.45	40	
Chloramben	0.00899	0.00250	mg/kg	0.0125		71.9	20-150	9.60	40	
2,4-D	0.00639	0.00250	mg/kg	0.0125		51.1	40-140	1.95	40	
2,4-DB	0.00306	0.00250	mg/kg	0.0125		24.5	40-140	42.4	40	BS, R
DCPA diacid	0.00552	0.00250	mg/kg	0.0125		44.2	40-140	2.92	40	
Dalapon	0.0163	0.00250	mg/kg	0.0125		130	40-140	4.82	40	
Dicamba	0.00792	0.00250	mg/kg	0.0125		63.4	40-140	2.08	40	
3,5-Dichlorobenzoic acid	0.0120	0.00250	mg/kg	0.0125		95.7	40-140	9.24	40	
Dichloroprop	0.0144	0.00250	mg/kg	0.0125		115	40-140	2.02	40	
Dinoseb	0.00523	0.00250	mg/kg	0.0125		41.8	20-150	6.37	40	
MCPA	0.562	0.250	mg/kg	1.25		45.0	40-140	30.2	40	
MCPP	0.789	0.250	mg/kg	1.25		63.1	40-140	22.0	40	
4-Nitrophenol	0.0174	0.00250	mg/kg	0.0125		139	40-140	1.47	40	
Pentachlorophenol (PCP)	0.00993	0.00250	mg/kg	0.0125		79.5	40-140	1.34	40	
Picloram	0.00212	0.00250	mg/kg	0.0125		16.9	20-150	19.6	40	BS
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00940	0.00250	mg/kg	0.0125		75.2	40-140	10.8	40	
2,4,5-TP	0.0110	0.00250	mg/kg	0.0125		88.1	40-140	3.58	40	
<i>Surrogate: DCAA</i>	<i>0.0173</i>		<i>mg/kg</i>	<i>0.0250</i>		<i>69.3</i>	<i>25-140</i>			



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B4C0015 - 3550B (Continued)				Prepared: 03/01/2024 12:33						
Matrix Spike (B4C0015-MS1)				Source: BFB0139-01						
				Analyzed: 03/04/2024 19:25						
Acifluorfen	0.00382	0.00250	mg/kg	0.0124	ND	30.7	30-140			
Bentazon	0.00506	0.00250	mg/kg	0.0124	ND	40.7	30-140			
Chloramben	0.00366	0.00250	mg/kg	0.0124	ND	29.4	30-140			M
2,4-D	0.00139	0.00250	mg/kg	0.0124	ND	11.2	30-140			M
2,4-DB	0.00115	0.00250	mg/kg	0.0124	ND	9.27	30-140			M
DCPA diacid	0.00300	0.00250	mg/kg	0.0124	ND	24.1	30-140			M
Dalapon	0.00702	0.00250	mg/kg	0.0124	ND	56.4	30-140			
Dicamba	0.00287	0.00250	mg/kg	0.0124	ND	23.1	30-140			M
3,5-Dichlorobenzoic acid	0.00602	0.00250	mg/kg	0.0124	ND	48.4	30-140			
Dichloroprop	0.00129	0.00250	mg/kg	0.0124	ND	10.4	30-140			M
Dinoseb	0.00194	0.00250	mg/kg	0.0124	ND	15.6	30-140			M
MCPA	0.212	0.250	mg/kg	1.24	ND	17.0	30-140			M
MCPP	0.578	0.250	mg/kg	1.24	ND	46.4	30-140			
4-Nitrophenol	0.0109	0.00250	mg/kg	0.0124	ND	87.5	30-140			
Pentachlorophenol (PCP)	0.00125	0.00250	mg/kg	0.0124	ND	10.1	30-140			M
Picloram	0.00115	0.00250	mg/kg	0.0124	ND	9.27	30-140			M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00244	0.00250	mg/kg	0.0124	ND	19.6	30-140			M
2,4,5-TP	0.00215	0.00250	mg/kg	0.0124	ND	17.3	30-140			M
<i>Surrogate: DCAA</i>	<i>0.00372</i>		<i>mg/kg</i>	<i>0.0249</i>		<i>14.9</i>	<i>25-140</i>			<i>S6</i>

Matrix Spike Dup (B4C0015-MSD1)				Source: BFB0139-01						
				Analyzed: 03/04/2024 19:53						
Acifluorfen	0.00333	0.00250	mg/kg	0.0124	ND	26.8	30-140	13.9	40	M
Bentazon	0.00472	0.00250	mg/kg	0.0124	ND	38.0	30-140	6.97	40	
Chloramben	0.00189	0.00250	mg/kg	0.0124	ND	15.3	30-140	63.6	40	M, R
2,4-D	0.00270	0.00250	mg/kg	0.0124	ND	21.7	30-140	63.9	40	M, R
2,4-DB	ND	0.00250	mg/kg	0.0124	ND	<7.4	30-140	<1.00	40	M
DCPA diacid	0.00276	0.00250	mg/kg	0.0124	ND	22.2	30-140	8.38	40	M
Dalapon	0.00530	0.00250	mg/kg	0.0124	ND	42.7	30-140	28.0	40	
Dicamba	0.00264	0.00250	mg/kg	0.0124	ND	21.2	30-140	8.65	40	M
3,5-Dichlorobenzoic acid	0.00757	0.00250	mg/kg	0.0124	ND	61.0	30-140	22.9	40	
Dichloroprop	0.00131	0.00250	mg/kg	0.0124	ND	10.6	30-140	1.86	40	M
Dinoseb	0.00186	0.00250	mg/kg	0.0124	ND	15.0	30-140	4.50	40	M
MCPA	0.208	0.250	mg/kg	1.24	ND	16.7	30-140	1.81	40	M
MCPP	0.226	0.250	mg/kg	1.24	ND	18.2	30-140	87.5	40	M, R
4-Nitrophenol	0.0140	0.00250	mg/kg	0.0124	ND	113	30-140	25.1	40	
Pentachlorophenol (PCP)	0.00115	0.00250	mg/kg	0.0124	ND	9.23	30-140	9.10	40	M
Picloram	0.00105	0.00250	mg/kg	0.0124	ND	8.42	30-140	9.82	40	M
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00179	0.00250	mg/kg	0.0124	ND	14.4	30-140	30.6	40	M
2,4,5-TP	0.00197	0.00250	mg/kg	0.0124	ND	15.9	30-140	8.89	40	M
<i>Surrogate: DCAA</i>	<i>0.00186</i>		<i>mg/kg</i>	<i>0.0248</i>		<i>7.50</i>	<i>25-140</i>			<i>S6</i>

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	AETL Job Number: BFB0139 Project Number: EO-503179 Attention: Patty Mata Project Name: EO-503179	Reported: 03/08/2024 16:17
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Quality Control Results

Chlorinated Herbicides (EPA 8151A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868

AETL Job Number: BFB0139
Project Number: EO-503179
Attention: Patty Mata
Project Name: EO-503179

Reported: 03/08/2024 16:17

Qualifiers and Definitions

ITEM	Qualifiers
BS	The recovery of this analyte in LCS and/or LCSD was outside control limit. Sample was accepted based on the remaining LCSand/or LCSD.
D	Sample was analyzed under dilution due to matrix interference.
M	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference. Laboratory Control Samples(LCS/LCSD) recovery were acceptable.
R	The RPD was outside of QC acceptance limits due to possible matrix interference.
S6	Surrogate recovery is outside control limits due to matrix interference.

ITEM	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.



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Enthalpy Analytical	AETL Job Number:	BFB0139	
931 W. Barkley Ave.	Project Number:	EO-503179	
Orange, CA 92868	Attention:	Patty Mata	
	Project Name:	EO-503179	Reported: 03/08/2024 16:17

mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLIC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

Laboratory Job Number 503179

Subcontracted Products

MicroTest Laboratories, Inc.



MicroTest Laboratories Inc. NVLAP Code: 200999-0
 3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670
 PH 916.567.9808 | FX 916.404.0302
 www.microtestlabsinc.com | service@microtestlabsinc.com

Project ID
MT012442312

CLIENT INFORMATION
Company Enthalpy Analytical, LLC
Name Patty Matta
Address 931 W. Barkley Avenue
 Orange, CA 92868
Phone (714) 771 - 6900
Email patty.mata@enthalpy.com

SAMPLE
Date Monday, February 26, 2024
Time

JOB SITE INFORMATION
Sampler Patty Mata
Project EO-503179
Address

**MicroTest
 Laboratories**

Analytical Data

PO # PO-061042

**POLARIZED LIGHT MICROSCOPY (PLM)
 EPA METHOD 600 / R-93 / 116 & EPA – 40 CFR Appendix E to Subpart E of Part 763**

Sample ID	Accession Number	Client Description	Laboratory Description	Non Fibrous / Fibrous Materials	Asbestiform Minerals %
SPH01-35.0	42312-1	26-FEB-2024 08:18	Brown Soil Non-Fibrous Heterogenous		Absent
SPH01-45.0	42312-2	26-FEB-2024 08:51	Brown Soil Non-Fibrous Heterogenous		Absent
SPH04-35.0	42312-3	26-FEB-2024 09:45	Brown Soil Non-Fibrous Heterogenous		Absent
SPH04-45.0	42312-4	26-FEB-2024 10:11	Brown Soil Non-Fibrous Heterogenous		Absent

Date Received: Tuesday, February 27, 2024
Date Analyzed: Wednesday, February 28, 2024
Date Reported: Tuesday, March 05, 2024

Analyst: Andres De Ferrari

Authorized Signatory:

Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply only to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced except in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Layers are analyzed separately except when manufactured with multiple layers (i.e. Linoleum, Drywall, etc.) or requested contrarily by the client.

Subcontract Laboratory:

 MicroTest Laboratories, Inc.
 3110 Gold Canal Drive
 Suite A
 Rancho Cordova, CA 95670
 ATTN: Kelly Favero
 PO #: Required, to be sent via email

Enthalpy Order: EO-503179

 PM: Patty Mata
 Email: patty.mata@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-6900

 Results Due: Standard
 TAT

 Report Level: II
 Report To: RL
 EDDs:

Project ID: 42312
Client: Enthalpy
Receipt Date: 02/27/24
Sample Count: 4

Notes:

Need PLM Asbestos presence/absence tests

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SPH01-35.0	26-FEB-2024 08:18	503179-001	1	Soil	Asbestos by PLM	
SPH01-45.0	26-FEB-2024 08:51	503179-002	1	Soil	Asbestos by PLM	
SPH04-35.0	26-FEB-2024 09:45	503179-003	1	Soil	Asbestos by PLM	
SPH04-45.0	26-FEB-2024 10:11	503179-004	1	Soil	Asbestos by PLM	

Notes:	Relinquished By:	Received By:
	<i>Gloria S. [Signature]</i>	<i>[Signature]</i>
	Date: 2/26/24 14:42	Date: 02/27/24 09:15
	Date:	Date:
	Date:	Date:

APPENDIX B

DATA VALIDATION CHECKLISTS

Data Quality Review Checklist					
Database ID (Legacy Code)	CLA.000R23328				
Project Name	Milan REI				
Project Number	CLA.000R23328				
Laboratory Delivery Group	SP01-00.5 through SPH01-25.0, SPH02-00.5 through SPH02-35.0, SPH03-05.0 through SPH03-35.0, SPH04-00.5 through SPH04-25.0 (Lab Code 500850)				
Laboratory Name	Enthalpy Analytical (Enthalpy)				
Date	5/9/2024				
	Yes	No	N/A	Reviewer Name	Notes / Corrections Required Data qualifications detailed following Level 2 Section)
Level 1 - Data Manager					
Laboratory NELAC Accreditation/certification provided?	Y			TCD	
Laboratory contact information included in lab report?	Y			TCD	
Sample results in the correct (requested) format?	Y			TCD	
Were the date(s) of sample collection, received, prepared/extracted, and analyzed on lab report?	Y			TCD	
Chain of custody form included and filled out correctly?	Y			TCD	
All samples on Chain of Custody accounted for in EDD?	Y			TCD	
Does EDD include all analytes for each sample on Chain of Custody?	Y			TCD	
Electronic Data Deliverable (EDD) in proper format?	Y			TCD	
Does EDD match pdf of analytical laboratory report?	Y			TCD	
Laboratory sample receipt checklist free of issues?	Y			TCD	
Samples properly preserved?	Y			TCD	
Samples analyzed within appropriate hold times?	Y			TCD	
Correct units provided by laboratory?	Y			TCD	
Laboratory control limits for spike recoveries acceptable?	Y			TCD	
Were appropriate lab QA/QC samples (MB, LCS/LCSD, MS/MSD) analyzed per batch?	Y			TCD	
Case narrative free of issues?	Y			TCD	
If issues noted in case narrative, were data qualifiers applied by the lab?			N/A	TCD	
Method blanks free of target analytes?		N		TCD	
If blank contamination occurred, were detections qualified?	Y			TCD	See below
Laboratory control samples (LCS) recoveries within acceptance limits?		N		TCD	
If results outside of control limits, were results qualified?	Y			TCD	See below
Matrix spike/matrix spike duplicate (MS/MSD) recoveries within acceptance limits?		N		TCD	
If results outside of control limits, were results qualified?	Y			TCD	See below
Laboratory duplicates (LCSD, MSD, or lab dup) yielded acceptable results (RPD) for analytical precision?		N		TCD	
If results outside of control limits, were results qualified?	Y			TCD	See below
Surrogate recoveries within acceptance limits (organic analyses only)?		N		TCD	
If results outside of control limits, were results qualified?	Y			TCD	See below
Post-digestion spike or serial dilution required (inorganic samples only)?			N/A	TCD	
Were PDS or SD results within control limits?			N/A	TCD	
Other			N/A	TCD	
Level 2 - Project Manager or Designee					
Samples collected in accordance with SOPs (review Field Data notes)?	Y			TCD	
Samples analyzed using the appropriate analytical method specified in the QAPP or SOW?	Y			TCD	
Reporting limits acceptable under project-specific limits defined in Quality Assurance Project Plan (QAPP) or regulatory program?	Y			TCD	
Correct number of samples analyzed from each sample location?	Y			TCD	
Correct analytes requested and analyzed for each sample?	Y			TCD	
Standards shown in the table are correct, complete and applicable to the results, if standards were requested by PM?	Y			TCD	
For Vapor Intrusion Sampling Only:			N/A	TCD	
Pre-sampling survey/inspection conducted?			N/A	TCD	
Summa Canisters batch or individually certified clean?			N/A	TCD	
Still vacuum remaining in canister when arrived at lab?			N/A	TCD	
Has reviewer (if other than Licensed Professional) discussed with the PM and/or Licensed Professional?	Y			TCD	

Notes:

The laboratory delivery group is the batch of samples that are run by the laboratory at the same time and are reported together on the lab report. The delivery group may be all samples collected during a particular sampling event or a subset of samples.

*Laboratory Qualifications		
Analytical Group, Batch Number, and Affected Samples	Qualifier ID	Qualifier Summary
OCPS: 500850-013, 500850-024; SP02-25.0, SPH03-35.0	C	Presence confirmed but RPD between columns exceeds 40%.
TPHs: 500850-007, OCPS: 500850-007, 500850-008, 500850-027, 500850-028, QC1124207, QC1124208, QC1124734, QC1124735; SVOCs: 500850-007, 500850-008, 500850-028, QC1125895, QC1125896, QC1125897, QC1125898, QC1125899, QC1125900, QC1125901, QC1125902, QC1125903, QC1125904, QC1125905, QC1125906, QC1125907, QC1125908, QC1125909, QC1125910, QC1125911, QC1125912, QC1125913, QC1125914, QC1125915, QC1125916, QC1125917, QC1125918, QC1125919, QC1125920, QC1125921, QC1125922, QC1125923, QC1125924, QC1125925, QC1125926, QC1125927, QC1125928, QC1125929, QC1125930, QC1125931, QC1125932, QC1125933, QC1125934, QC1125935, QC1125936, QC1125937, QC1125938, QC1125939, QC1125940, QC1125941, QC1125942, QC1125943, QC1125944, QC1125945, QC1125946, QC1125947, QC1125948, QC1125949, QC1125950, QC1125951, QC1125952, QC1125953, QC1125954, QC1125955, QC1125956, QC1125957, QC1125958, QC1125959, QC1125960, QC1125961, QC1125962, QC1125963, QC1125964, QC1125965, QC1125966, QC1125967, QC1125968, QC1125969, QC1125970, 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APPENDIX C

BORING LOGS



SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 **BORING/WELL NUMBER** SPH01
PROJECT NAME Milan REI X, LLC **DATE DRILLED** 1/25/2024 and 2/16/2024
LOCATION 6145 East Santiago Canyon Road, Orange, CA **GROUT TYPE** Benonite Chips
DRILLING METHOD Direct Push and Sonic Drilling **DEPTH TO WATER** Not encountered
SAMPLING METHOD Acetate liners / stainless steel tubes **TOTAL DRILL DEPTH** 45 feet
GROUND ELEVATION 450.30 feet **HOLE DIAMETER** 2.5" (direct push) / 4" (sonic)
TOP OF CASING ELEV. N/A
LOGGED BY Theresa Duncan and Arturo Sotomayor
REMARKS Drilling completed by BC2 Environmental; PID measurements in units of hexane equivalents

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
		36/60	SPH01-00.5		0.0	SM		@ Surface: SILTY SAND, light to medium brown, damp, loose, very fine to medium sand, no odor or staining
						SM		@ 0.5: SILTY SAND with GRAVEL, medium brown, damp, loose, very fine to very coarse sand, subrounded to subangular gravel, no odor or staining
5		36/60	SPH01-05.0		0.3			@ 5.0: Same as above, gravel decreases with depth, trace gravel sized asphalt
10		30/60	SPH01-10.0		0.8	SM		@ 10.0: SILTY SAND, medium brown, damp, loose, very fine to coarse sand, trace gravel, FeOx mottling, no odor
15		30/60	SPH01-15.0		0.3			@ 15.0: Same as above, no FeOx mottling
20								

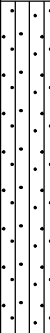
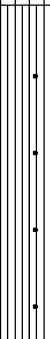
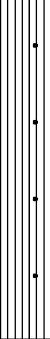
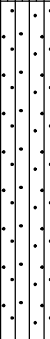
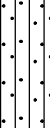
GE_SBL_BORING LOGS -SPH_TCD.GPJ LAEWN01.GDT 5/15/24

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PROJECT NUMBER CLA.0001R23328 BORING/WELL NUMBER SPH01

PROJECT NAME Milan REI X, LLC DATE DRILLED 1/25/2024 and 2/16/2024

Continued from Previous Page

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
20		40/60	SPH01-20.0		1.3	SM		@ 20.0: Same as above, tan, very dense, FeOx mottling, trace debris (bricks) and organics
25		40/60	SPH01-25.0		0.0	CL/SM		@ 25.0: SILTY CLAY, brown, damp, soft, fine sand, roots, grades to SILTY SAND with GRAVEL, light gray, dry, loose, fine sand, subangular gravel, no odor or staining
30								@ 30.0: Same as above
35		60/60	SPH01-35.0		0.0	SM		@ 35.0: SILTY SAND, brown, damp, loose, debris throughout, grades to light brown to tan, with coarse sand, subrounded to subangular gravel, no odor or staining
40								@ 40.0: Same as above, yellow brown, trace asphalt

Continued Next Page

GE_SBL_BORING LOGS -SPH_TCD.GPJ LAEWMN01.GDT 5/15/24



SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 BORING/WELL NUMBER SPH01

PROJECT NAME Milan REI X, LLC DATE DRILLED 1/25/2024 and 2/16/2024

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DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
45	60/60		SPH01-45.0		0.0	SM		<p>@ 45.0: Same as above, grades to light gray, medium to coarse sand, debris</p> <p>Refusal encountered at 25 feet below ground surface; boring completed using sonic drilling by BC2 Environmental Total Depth: 45 feet bgs Groundwater was not encountered Backfilled with hydrated bentonite chips</p>
50								
55								
60								
65								

GE_SBL_BORING LOGS-SPH_TCD.GPJ LAEWN01.GDT 5/15/24



SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 **BORING/WELL NUMBER** SPH02
PROJECT NAME Milan REI X, LLC **DATE DRILLED** 1/25/2024
LOCATION 6145 East Santiago Canyon Road, Orange, CA **GROUT TYPE** Benonite Chips
DRILLING METHOD Direct Push **DEPTH TO WATER** Not encountered
SAMPLING METHOD Actate liners **TOTAL DRILL DEPTH** 36' ±
GROUND ELEVATION 442.98 feet **HOLE DIAMETER** 2.5"
TOP OF CASING ELEV. N/A
LOGGED BY Theresa Duncan
REMARKS Drilling completed by BC2 Environmental; PID measurements in (ft) @ 0.5' intervals

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
		40/60	SPH02-00.5		3.8	SM		@ Surface: SILTY SAND, light to medium brown, moist, loose, very fine to medium sand, no odor or staining
						SM		@ 0.5: SILTY SAND with GRAVEL, medium to dark brown, damp, loose, very fine to very coarse sand, 0.5 to 2" gravel, no odor or staining
5		24/60	SPH02-05.0		2.7	SM - SP		@ 5.0: SANDY SILT, medium brown, damp, soft, very fine to medium sand, 0.5 to 1" gravel, sand increases with depth, no odor or staining @ 6.0: Same as above, medium orange brown, gravel decreased
10		40/60	SPH02-10.0		4.4	SW - SM		@ 10.0: WELL-GRADED SAND with SILT, medium orange brown, damp, loose, very fine to coarse sand, FeOx mottling, no odor
15		30/60	SPH02-15.0		2.1	SM		@ 15.0: SILTY SAND, medium brown, damp, loose to medium dense, very fine to coarse sand, trace gravel, trace debris, FeOx mottling
20								

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GE_SBL_BORING LOGS -SPH_TCD.GPJ LAEWN001.GDT 5/15/24



SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 **BORING/WELL NUMBER** SPH03
PROJECT NAME Milan REI X, LLC **DATE DRILLED** 1/25/2024
LOCATION 6145 East Santiago Canyon Road, Orange, CA **GROUT TYPE** Benonite Chips
DRILLING METHOD Direct Push **DEPTH TO WATER** Not encountered
SAMPLING METHOD Actate liners **TOTAL DRILL DEPTH** 45 feet
GROUND ELEVATION 447.19 feet **HOLE DIAMETER** 2.5"
TOP OF CASING ELEV. N/A
LOGGED BY Theresa Duncan
REMARKS Drilling completed by BC2 Environmental; PID measurements in units of hexane equivalents

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
		24/60			1.6	SM -GC SM		@ Surface: SILTY SAND with GRAVEL, medium brown, damp, loose, very fine to medium sand, trace debris (trash), no odor or staining @ 0.5: SILTY SAND, medium to dark brown, slightly moist, soft, non-plastic fines, very fine to coarse grained sand, trace gravels, trace debris, no odor or staining
5		18/60	SPH03-05.0		2.0			@ 5.0: Same as above, trace gravel sized asphalt
10		12/60	SPH03-10.0		1.1			@ 10.0: Same as above, no asphalt, less coarse sand
15		12/60	SPH03-15.0		0.2	SW-SM		@ 15.0: WELL- GRADED SAND with SILT, medium brown, damp, loose, very fine to coarse sand, trace gravel, trace debris, FeOx mottling, no odor
20								

GE_SBL_BORING LOGS -SPH_TCD.GPJ LAEWN01.GDT 5/15/24

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SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 BORING/WELL NUMBER SPH03
 PROJECT NAME Milan REI X, LLC DATE DRILLED 1/25/2024

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DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
20		18/60	SPH03-20.0		0.2	SW-SM		@20.0: Same as above, trace gravel, trace gravel sized asphalt
25		24/60	SPH03-25.0		2.2			@ 25.0: Same as above
30		40/60	SPH03-30.0		1.5	SM		@ 30.0: SILTY SAND, medium to dark gray brown, damp, loose to medium dense, very fine to coarse sand, trace gravel, trace gravel sized asphalt, no odor or staining
35		18/60	SPH03-35.0		1.5			@ 35.0: Same as above, dark brown, damp, medium dense, some 1-2" gravel, FeOx mottling, grades to WELL-GRADED SAND, tan, very fine to very coarse sand, no odors or staining
40		18/60	SPH03-40.0		0.9	SM		@ 40.0: SILTY SAND, medium gray brown, damp, loose, very fine to medium sand, some gravel, no odor or staining
						SW		@ 38.0: WELL-GRADED SAND, tan to pale orange, damp, loose to medium dense, very fine to coarse sand with gravel, no odor or staining

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GE_SBL_BORING LOGS-SPH_TCD.GPJ LAEWN001.GDT 5/15/24



SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 BORING/WELL NUMBER SPH03

PROJECT NAME Milan REI X, LLC DATE DRILLED 1/25/2024

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DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
45		12/60	SPH03-45.0		0.4	SM		<p>@ 45.0: Same as above, medium brown, very dense</p> <p>Total Depth: 45 feet below ground surface (bgs) Groundwater was not encountered Backfilled with hydrated bentonite chips</p>
50								
55								
60								
65								

GE_SBL_BORING LOGS-SPH_TCD.GPJ LAEWN01.GDT 5/15/24



SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 **BORING/WELL NUMBER** SPH04
PROJECT NAME Milan REI X, LLC **DATE DRILLED** 1/25/2024 and 2/16/2024
LOCATION 6145 East Santiago Canyon Road, Orange, CA **GROUT TYPE** Benonite Chips
DRILLING METHOD Direct Push and Sonic Drilling **DEPTH TO WATER** Not encountered
SAMPLING METHOD Acetate liners / stainless steel tubes **TOTAL DRILL DEPTH** 45 feet
GROUND ELEVATION 451.54 feet **HOLE DIAMETER** 2.5" (direct push) / 4" (sonic)
TOP OF CASING ELEV. N/A
LOGGED BY Theresa Duncan and Arturo Sotomayor
REMARKS Drilling completed by BC2 Environmental; PID measurements in units of hexane equivalents

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
		40/60	SPH04-00.5		0.2	SM SW		@ Surface: SILTY SAND, light to medium brown, moist, loose, very fine to medium sand, some gravel, trace debris, no odor or staining @ 0.5: POORLY-GRADED SAND, medium orange brown, dry, loose to dense, very fine to very coarse grained sand, trace subrounded to subangular gravel, trace silt, no odor or staining
5		30/60	SPH04-05.0		2.6			@ 5.0: Same as above
10		24/60	SPH04-10.0		2.1			@ 10.0: Same as above, FeOx mottling, increased silt grades to SILTY SAND
15		30/60	SPH04-15.0		0.8	SM		@ 15.0: SILTY SAND, medium brown, damp, medium dense, very fine to coarse sand, trace gravel, trace gravel sized asphalt, trace debris, no odor or staining
20								

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GE_SBL_BORING LOGS -SPH_TCD.GPJ LAEWN001.GDT 5/15/24



SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 BORING/WELL NUMBER SPH04

PROJECT NAME Milan REI X, LLC DATE DRILLED 1/25/2024 and 2/16/2024

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DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
20		18/60	SPH04-20.0		1.2	SM		@ 20.0: Same as above, damp, FeOx mottling, no asphalt
25		60/60	SPH04-25.0		0.2			@ 24.0: Same as above, gravel increases @ 25.0: Same as above, light to medium brown, damp, trace gravel sized asphalt
30								@ 30.0: Same as above
35		60/60	SPH04-35.0		0.0			@ 35.0: Same as above, brown to dark brown, medium to coarse sand, trace debris
40								@ 40.0: Same as above

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GE_SBL_BORING LOGS-SPH_TCD.GPJ LAEWMN01.GDT 5/15/24



SOIL BORING LOG

PROJECT NUMBER CLA.0001R23328 BORING/WELL NUMBER SPH04

PROJECT NAME Milan REI X, LLC DATE DRILLED 1/25/2024 and 2/16/2024

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DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
45	60/60		SPH04-45.0		0.0	SM		<p>@ 45.0: Same as above, yellow brown, damp, 6" CLAY, gray, low plasticity, concrete fragments</p> <p>Refusal encountered at 24 feet below ground surface; boring completed using sonic drilling by BC2 Environmental Total Depth: 45 feet bgs Groundwater was not encountered Backfilled with hydrated bentonite chips</p>
50								
55								
60								
65								

GE_SBL_BORING LOGS-SPH_TCD.GPJ LAEWN01.GDT 5/15/24